CERTIFICATION

Consumer Confidence Report (CCR)

Kossuth Water Association, Inc.

Public Water Supply Name

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: 

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

Date Mailed/Distributed:

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: The Daily Courthian

Date Published: 06/07/2017

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

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.)

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

Fax: (601) 576 - 7800

Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!
STATE OF MISSISSIPPI,
COUNTY OF ALCORN

PERSONALLY CAME before me, the undersigned, a Notary Public in and for Alcorn County, Mississippi, the CLERK of THE DAILY CORINTHIAN, a newspaper published in the City of Corinth, First Judicial District of Alcorn County, in said State, who being sworn, deposes and says that THE DAILY CORINTHIAN is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858, of the Mississippi Code of 1942, and that the publication of a notice, of which the annexed is a copy, in the manner of:

Quality Water Report

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

On the ______ day of June, ______
On the ______ day of ______
On the ______ day of ______
On the ______ day of ______
On the ______ day of ______

______ day of June, ______

SWORN TO and subscribed before me this ______ day of June, ______

Notary Public

Clerk

Corinth, Miss., ______

To THE DAILY CORINTHIAN, Dr.
(Name Newspaper)

TO PUBLISHING Quality Water Report

case of PWS# 0020007+ 0020008

words space 4 x 18

1 times and making proof, $ 607.80.

RECEIVED OF payment in full of the above amount.

______

20______
We are pleased to present you with our Annual Drinking Water Quality Report. This report is designed to inform you about the quality of water used in our household and what measures we have taken to ensure its safety. 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 delivering the quality of water that you deserve. Our water source is from wells drawing from the Collins Creek Aquifer.

The quality of drinking water is a concern for us all, and our commitment is to provide you with the most important source of drinking water for your daily needs. Our drinking water is tested regularly by the Department of Natural Resources to ensure its quality.

If you have any questions or concerns about the quality of your drinking water, please contact Aaron L. Neely at 612-359-4072. We want our residents to be informed about their drinking water. If you need more information, please contact the City Planning Department at 612-359-4072.

This report is intended to provide you with an overview of the water quality and the results of our sampling efforts. The water quality results are based on the guidelines established by the U.S. Environmental Protection Agency (EPA) and the Minnesota Department of Health (MDH).

In this report, you will find many terms and abbreviations that may not be familiar. To help you better understand these terms, we have provided the following definitions:

- **Action Level**: The concentration of a contaminant in water that may cause adverse health effects or other unacceptable effects in drinking water.
- **Maximum Contaminant Level (MCL)**: The highest level of a contaminant that the EPA allows in drinking water. MCLs are set to protect public health.
- **Maximum Contaminant Level Goal (MCLG)**: A level of a contaminant in drinking water below which there is no known or expected health effect.
- **PPP (Part per Million)**: A measure of the concentration of a contaminant in water.
- **PFOA (Perfluorooctanoic Acid)**: A synthetic chemical used in the production of various products, including firefighting foams, stain repellents, and non-stick coatings.
- **PFOS (Perfluorooctanesulfonic Acid)**: A synthetic chemical used in the production of various products, including firefighting foams, stain repellents, and non-stick coatings.
- **Radionuclide**: A radioactive isotope of an element.
- **Radionuclide Standards**: A set of regulations that limit the amount of radionuclides in drinking water to protect public health.

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### PWS ID: G020007
#### TEST RESULTS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radioactive Contaminants</td>
<td></td>
</tr>
<tr>
<td>Inorganic Contaminants</td>
<td></td>
</tr>
<tr>
<td>Diclofenac</td>
<td></td>
</tr>
<tr>
<td>Aldicarb</td>
<td></td>
</tr>
<tr>
<td>Atrazine</td>
<td></td>
</tr>
<tr>
<td>Chlorpyrifos</td>
<td></td>
</tr>
<tr>
<td>Distribution by Products</td>
<td></td>
</tr>
<tr>
<td>Sodium</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td></td>
</tr>
</tbody>
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### PWS ID: G030008
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<tr>
<td>Sodium</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td></td>
</tr>
</tbody>
</table>
As you can see by the data, our source has an occasional event that makes our water quality worse than what it should be. We do our best to rectify this situation as soon as possible. We have been performing our monitoring and testing very consistently. The data over the past 12 months shows that the water quality has improved significantly, with no major issues. We are required by law to monitor the drinking water for specific contaminants as a quality check. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In all efforts to ensure system compliance with monitoring requirements, Michigan has millions of gallons of drinking water produced and consumed each day. Some of these contaminants are harmful to human health and can cause serious health issues. We have increased our monitoring frequency and are taking additional steps to ensure the water quality is safe for consumption. We are required by law to monitor for specific contaminants as a quality check. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In all efforts to ensure system compliance with monitoring requirements, Michigan has millions of gallons of drinking water produced and consumed each day. Some of these contaminants are harmful to human health and can cause serious health issues. We have increased our monitoring frequency and are taking additional steps to ensure the water quality is safe for consumption. We are required by law to monitor for specific contaminants as a quality check. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In all efforts to ensure system compliance with monitoring requirements, Michigan has millions of gallons of drinking water produced and consumed each day. Some of these contaminants are harmful to human health and can cause serious health issues. We have increased our monitoring frequency and are taking additional steps to ensure the water quality is safe for consumption.
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 Coffee 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 Kossuth Water have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Aaron C. Henry at 662-287-4310. 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 Monday of each month at 6:00 PM at the water office.

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, 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 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.

<table>
<thead>
<tr>
<th>PWS ID# 0020007</th>
<th>TEST RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contaminant</strong></td>
<td><strong>Violation</strong></td>
</tr>
<tr>
<td><strong>Radioactive Contaminants</strong></td>
<td></td>
</tr>
<tr>
<td>5. Gross Alpha</td>
<td>N</td>
</tr>
<tr>
<td><strong>Inorganic Contaminants</strong></td>
<td></td>
</tr>
</tbody>
</table>
### Disinfection By-Products

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Violation Y/N</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detects or # of Samples Exceeding MCL/ACL</th>
<th>Unit Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>82. TTHM</td>
<td>N</td>
<td>2014*</td>
<td>No Range</td>
<td>ppb</td>
<td>0</td>
<td>80</td>
<td></td>
<td>By-product of drinking water chlorination.</td>
</tr>
<tr>
<td>Chlorine</td>
<td>N</td>
<td>2016</td>
<td>.9 – 1.4</td>
<td>mg/l</td>
<td>0</td>
<td>MDRL = 4</td>
<td></td>
<td>Water additive used to control microbes</td>
</tr>
</tbody>
</table>

### Radioactive Contaminants

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Violation Y/N</th>
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<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Gross Alpha</td>
<td>N</td>
<td>2013*</td>
<td>.4</td>
<td>No Range</td>
<td>pCi/L</td>
<td>15</td>
<td></td>
<td>Erosion of natural deposits</td>
</tr>
</tbody>
</table>

### Inorganic Contaminants

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Violation Y/N</th>
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<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Barium</td>
<td>N</td>
<td>2014*</td>
<td>.136</td>
<td>No Range</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>2014*</td>
<td>2.5</td>
<td>No Range</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>.2</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>17. Lead</td>
<td>N</td>
<td>2012/14*</td>
<td>3</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>
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<td>1.4</td>
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<td>mg/l</td>
<td>0</td>
<td>MDRL = 4</td>
<td>Water additive used to control microbes</td>
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*Most recent sample. No sample required for 2016.*

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.

Significant Deficiencies- System # 20007

Monitoring and Reporting of Compliance Data Violations

During a sanitary survey conducted on 10/11/2016, the Mississippi State Department of Health cited the following significant deficiency:

Failure to meet water supply demands (overloaded by serving greater than 100% capacity)

Corrective action: This system has entered into a Bilateral Compliance Agreement with MSDH to correct this deficiency by 9/28/2017.

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.

The Kosuth 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.