CERTIFICATION

Consumer Confidence Report (CCR)

Mud Creek Water Assn.

PWS # 580020  PWS # 580021  # 780026

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: Post@infoyser @ Mcaum 73ed0 HWY 346 Pontotoc

Date(s) customers were informed: 6/14/17, 6/14/17, 6/14/17

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)

☑ 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: Pontotoc Progress, New Albany Gazette

Date Published: 6/14/17

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

Date Posted: 6/14/17

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!
2016 Annual Drinking Water Quality Report
Mud Creek Water Association
PWS#: 0580020, 0580021 & 0730026
May 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 Ripley Formation & Eutaw - McShan Aquifers.

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 Mud Creek Water Association have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Janice Russell at 662.489.6851. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our annual meeting scheduled for the second Saturday of October at 8:00 AM at 7360 HWY 346, Pontotoc.

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 IS # 580020 TEST RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contaminant</strong></td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td><strong>Inorganic Contaminants</strong></td>
</tr>
<tr>
<td>10. Barium</td>
</tr>
<tr>
<td>13. Chromium</td>
</tr>
<tr>
<td>14. Copper</td>
</tr>
<tr>
<td>16. Fluoride</td>
</tr>
</tbody>
</table>
### Disinfection By-Products

#### Chlorine
- Date: 2016
- Range: .9
- Unit: mg/l
- MDRL: 4
- Likely Source: Water additive used to control microbes

### Inorganic Contaminants

#### 8. Arsenic
- Date: 2014
- Level: .6
- Range: No Range
- Unit: ppb
- MCL: 10
- Likely Source: Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes

#### 10. Barium
- Date: 2014
- Level: .1789
- Range: No Range
- Unit: ppm
- MCL: 2
- Likely Source: Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

#### 14. Copper
- Date: 2012/14
- Level: .6
- Range: 0
- Unit: ppm
- MCL: 1.3
- Likely Source: Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

#### 16. Fluoride
- Date: 2014
- Level: .128
- Range: No Range
- Unit: ppm
- MCL: 4
- Likely Source: Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

#### 17. Lead
- Date: 2012/14
- Level: 3
- Range: 0
- Unit: ppb
- MCL: 0
- Likely Source: Corrosion of household plumbing systems, erosion of natural deposits

### Disinfection By-Products

#### Chlorine
- Date: 2016
- Range: .9
- Unit: mg/l
- MDRL: 4
- Likely Source: Water additive used to control microbes

### Inorganic Contaminants

#### 10. Barium
- Date: 2016
- Level: .0088
- Range: No Range
- Unit: ppm
- MCL: 2
- Likely Source: Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

#### 13. Chromium
- Date: 2016
- Level: .5
- Range: No Range
- Unit: ppb
- MCL: 100
- Likely Source: Discharge from steel and pulp mills; erosion of natural deposits

#### 14. Copper
- Date: 2014/16
- Level: .5
- Range: 0
- Unit: ppm
- MCL: 1.3
- Likely Source: Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

#### 16. Fluoride
- Date: 2016
- Level: .901
- Range: No Range
- Unit: ppm
- MCL: 4
- Likely Source: Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

#### 17. Lead
- Date: 2014/16
- Level: 2
- Range: 0
- Unit: ppb
- MCL: 0
- Likely Source: Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants

<table>
<thead>
<tr>
<th>Substance</th>
<th>Sampled</th>
<th>Year</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Unit</th>
<th>Value</th>
<th>Limit</th>
<th>Limit Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylbenzene</td>
<td>N</td>
<td>2016</td>
<td>1.13</td>
<td>No Range</td>
<td>ppb</td>
<td>700</td>
<td>700</td>
<td>Discharge from petroleum refineries</td>
</tr>
<tr>
<td>Xylenes</td>
<td>N</td>
<td>2016</td>
<td>0.001</td>
<td>No Range</td>
<td>ppm</td>
<td>10</td>
<td>10</td>
<td>Discharge from petroleum factories; discharge from chemical factories</td>
</tr>
</tbody>
</table>

Disinfection By-Products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Sampled</th>
<th>Year</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Unit</th>
<th>Value</th>
<th>Limit</th>
<th>MDRL</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine</td>
<td>N</td>
<td>2016</td>
<td>0.6</td>
<td>0.2 - 0.81</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>


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 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. Please contact 601.576.7582 if you wish to have your water tested.

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 Mud Creek 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.
Proof of Publication

State of Mississippi,
County of Union

PERSONALLY APPEARED before me, the undersigned, a notary public in and for UNION County.

Mississippi, the Publisher of The New Albany Gazette, a newspaper published in the City of New Albany, Union County, in said state, who, being duly sworn, deposes and says that the NEW ALBANY GAZETTE 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 matter of Cause No. ________________________

______________________________

has been made in said newspaper. ________________times consecutively. to-wit:

On the ___________ day of June, 2017
On the ___________ day of__________, 20____
On the ___________ day of__________, 20____
On the ___________ day of__________, 20____

____________________________________
Notary Public

RECEIVED OF ____________________________, payment in full of the above account.

______________________________
THE NEW ALBANY GAZETTE

New Albany, Miss. __________, 2017

Re: Publishing __________________________

cause of ________________________________________________________________________________________________________________

______________________________________
Cause No. ______________________________

Amt. Due $ __________________________
2016 Annual Drinking Water Quality Report
Mud Creek Water Association
PWS#: 0730026

We are pleased to present to you this year’s Annual Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our continued goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water sources are from wells drawn from the Rudge Formation & Fluvial & Fluvio-Aquatic Deposits.

The water source assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to receiving potential threats. We have shared the results of this assessment information so how the susceptibility determines the level of monitoring that is being saturated to our public water system and is available for viewing upon request. The well's for the Mud Creek Water Association have received no detectable hazardous material contamination.

If you have any questions about this report or concerning your water utility, please contact Jerome Roppelt at 943-469-6655. We will send our valued customers to be informed about their water safety. If you want to learn more, please attend any of our annual meeting scheduled for the second Saturday of October at 9:00 AM at 7300 N 80th St. Postmark.

We strongly 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 was performed in 2016, the table reflects the most recent reportable data. The table displays the range of levels found for each contaminant, the sample collection location, and the results. The table includes many contaminants that can impact the taste or appearance of water, as well as those that can affect health. Some contaminants may come from sewage treatment plants, septic systems, agricultural pesticides, and other sources.

PWS ID #: 730026

<table>
<thead>
<tr>
<th>Inorganic Contaminants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contaminant</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>Fluoride</td>
</tr>
<tr>
<td>Copper</td>
</tr>
<tr>
<td>Lead</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
</tr>
<tr>
<td>Contaminant</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>Ethylene</td>
</tr>
<tr>
<td>Methane</td>
</tr>
</tbody>
</table>

Disinfection By-Products

<table>
<thead>
<tr>
<th>Disinfection By-Products</th>
<th>Maximum Contaminant Level Goal (MCLG)</th>
<th>Maximum Contaminant Level (MCL)</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trihalomethanes</td>
<td>0 ppm</td>
<td>0 ppm</td>
<td>Discharge from chemical manufacturers</td>
</tr>
</tbody>
</table>

We are required to monitor your drinking water for specific contaminants at a monthly basis. Results of regular monitoring are an indication of whether or not your drinking water meets health standards. In an effort to ensure systems comply with monitoring requirements, MDHS may randomly select 10% of our annual monitoring samples for any reason, before the end of the compliance period.

If present, several levels of health can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from lead-based water systems and from lead-based products with lead-based solder or lead paint. We are strongly encouraged to improve water systems and conserve energy. When your water has been on for several hours, you can find the most recent data on our website at http://www.epa.gov/oklahealthtrac. For more information, please contact 943-654-0100 to schedule a lab test.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can include, among others, organic chemicals and radioactive substances. These chemicals are a series of chemical reactions that may affect the overall health of the community. The presence of contaminants may not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by visiting the Environmental Protection Agency’s website at http://www.epa.gov/oklahealthtrac.

Some people may be more sensitive to contaminants in drinking water than the general population, including people whose immune systems are compromised; infants; pregnant women; persons whose immune systems are compromised; people who have undergo organ transplants; people with certain medical conditions; children; and people who are older. These people may wish to take additional steps to reduce the risk of infection by drinking water. Pregnant women should consult their health care provider or the Consumer Affairs Hotline for more information. For more information, please contact 943-654-0100.

We at the Mud Creek Water Association work hard to provide top quality water to every customer. We want you to feel safe, confident, and trust that the water is safe for you and your children.

*Data reflects samples tested for 2016.*
We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to every day. Our goal is to provide you with a safe and dependable supply of drinking water. We are committed to ensuring that the water you use meets or exceeds all federal, state and local regulations and permits for water treatment. We are committed to ensuring that the water you use meets or exceeds all federal, state and local regulations and permits for water treatment.

The annual water assessment has been mandated for your public water system by the state. The annual water assessment of the drinking water supply must be distributed to all customers. This report has been prepared for your use. The report contains information about your drinking water's quality. The report also includes information about our efforts to protect your drinking water.

We encourage you to review this report and to contact us with any questions you may have. We value your feedback and your comments are important to us. Your input helps us improve our services and meet your needs.

If you have any questions about this report, please contact us at 605-489-8881. We welcome your comments and questions. We value your feedback and your comments are important to us. Your input helps us improve our services and meet your needs.

The drinking water system in this area is primarily supplied by the city's water treatment plant. The plant is designed to remove contaminants from the water that may be present in the raw water source. The plant uses a combination of physical and chemical processes to remove contaminants. The plant is designed to meet or exceed all federal, state and local regulations and permits for water treatment. The plant is designed to meet or exceed all federal, state and local regulations and permits for water treatment.

This report contains information about your drinking water's quality. The report also includes information about our efforts to protect your drinking water.

In this area, the drinking water system is primarily supplied by the city's water treatment plant. The plant is designed to remove contaminants from the water that may be present in the raw water source. The plant uses a combination of physical and chemical processes to remove contaminants. The plant is designed to meet or exceed all federal, state and local regulations and permits for water treatment. The plant is designed to meet or exceed all federal, state and local regulations and permits for water treatment.

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PROOF OF PUBLICATION

STATE OF MISSISSIPPI
PONTOTOC COUNTY

Personally appeared before me, the undersigned Notary Public in and for the State and County aforesaid, ___________________________ who being duly sworn, states on oath that he was publisher of THE PONTOTOC PROGRESS, published at Pontotoc, Pontotoc County, Mississippi, at the time the attached:

2016 Annual Drinking Water Quality Report - Mud Creek Water Association

was published and that said notice was published in said paper once

consecutive times, as follows:

Volume _______ Number _______, on the
14th day of June, 2017

Volume _______ Number _______, on the
______ day of __________, 2017

Volume _______ Number _______, on the
______ day of __________, 2017

Volume _______ Number _______, on the
______ day of __________, 2017

Volume _______ Number _______, on the
______ day of __________, 2017

Affiant further deposed and said that said newspaper, THE PONTOTOC PROGRESS, has been established for at least twelve months in Pontotoc County, State of Mississippi, next prior to the date of the first publication on the foregoing notice hereto attached, as required of newspapers publishing legal notices by Chapter 313 of the Acts of the Legislature at the State of Mississippi, enacted in regular session in the year 1935.

______________________________ Publisher

Sworn to and subscribed before me, this 14th day of
June, 2017

______________________________ Notary Public

Printers fee $ 430.00

STATE OF MISSISSIPPI
JOYCE ANN BROCK JULY
ID NO. 34013
Commission Expires 12/17/2019
CHICKASAW COUNTY