

2017 JUN -6 AM 9:13

CERTIFICATION**Consumer Confidence Report (CCR)**

CITY OF JACKSON

Public Water Supply Name

0250008

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: 06 / 01 / 2017 / / / / /

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: _____

Date Published: _____ / /

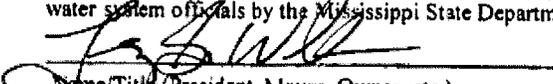
CCR was posted in public places. *(Attach list of locations)* Date Posted: _____ / /

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

located on the main page and
posted on website 6.1.2017 <http://www.jacksonms.gov/DocumentCenter/View/3228>

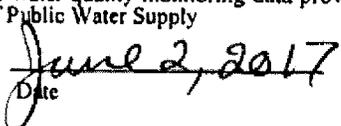
CERTIFICATION

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.)

Consent Decree Manager and Legal Counsel

Submission options (Select one method ONLY)


Date

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!



City Services Billing
1000 Metrocenter Mall, Suite 103
Jackson, MS 39209

Office Hours
Monday - Friday 7:30 AM to 5:30 PM

Questions?
Please call us at 601-960-2000

IMPORTANT INFORMATION

Bill estimation has decreased significantly. Any over or under payments for actual usage will be credited or charged for the difference.

The City of Jackson offices will be closed on the following days due to Furlough: 26-MAY-17, 23-JUN-17, 21-JUL-17, 18-AUG-17, 15-SEP-17

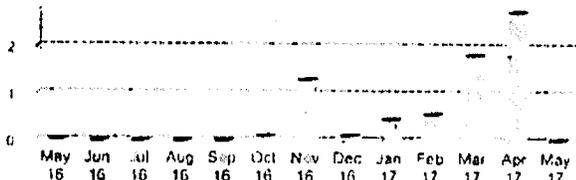
The City of Jackson found high levels of lead in drinking water in some homes. Lead can cause serious health problems. For more information please call the City's Water Facilities Division at 601.960.2090 or visit the City's website at www.jacksonms.gov

The City of Jackson 2016 Consumer Confidence Report is available online at <http://www.jacksonms.gov/DocumentCenter/View/3228>. A paper copy is available from Water/Sewer Engineering located on the 4th floor of the Hood Bldg., 200 S. President St.

Please visit our new website <http://ms-jackson.civicplus.com> for water bill payments or pay bills over the phone: 1 800.450.9297

AVERAGE MONTHLY WA

CCF)



1 CCF (100 Cubic Feet) = 748 gallons

ACCOUNT INFORMATION

Account Name: [REDACTED]
Account Number: [REDACTED]
Service Address: [REDACTED]
Service Period: 04/26/17 to 05/24/17
Bill Date: 05/31/17
Due Date: 06/15/17

METER READ INFORMATION WATER

Meter #	Prior Read	Current Read	Usage
14047754-D1	6119(EST)	6121(EST)	2

CURRENT CHARGES

Description	Amount
Billing Period 04/26/17-05/24/17	
Water Charges	
0.02 ccf Water Usage @ \$3.21 per ccf	\$0.06
Sewer Charges	
Waste Water Minimum Charge up to 300 c'	\$13.41
Sanitation Charges	
Sanitation Charge @ \$4.80 per Week	\$19.20
Total Current Charges	\$32.67

PAYMENTS/ADJUSTMENTS/OTHER

Payment Received	\$-46.27
Total Payments/Adjustments/Other	\$-46.27

SUMMARY

Previous Balance	\$46.27
Payments/Adjustments/Other	\$-46.27
Outstanding Balance:	\$0.00
Total Current Charges	\$32.67
Total Amount Due:	\$32.67



P O Box 23092
Jackson, MS 39225

Service Address: 3963 WABASH ST
Service Period: 04/26/17 to 05/24/17
Account Number: 0610100000
Due Date: 06/15/17
Amount Due: \$32.67
Amount Enclosed: \$ DO NOT PAY

Your Water Bill Bank Draft will be drawn on 6/13/17. Please update your records.

109782 JACS69978 ON CNF-000008



The City of Jackson's emergency contact system, Code Red, alerts citizens of reporting stations such as severe weather conditions, tornadoes, and food water notices. The Code Red system alerts important information as quickly as possible. Code Red can ring a single household, a specific city block, a neighborhood, or an entire city. A pre-recorded message is heard when a resident or reporting station places the call. Residents with caller ID will be able to identify the (601) 965-6700 number as an emergency.

The Code Red database currently contains the published phone numbers for all the residences & businesses within the City & its water customers. New residents are responsible for registering their contact numbers. Residents are urged to go to the website and register not only wireless numbers, but also secondary contacts such as cell phone numbers. Messages may be sent during critical situations such as severe weather conditions, water outages, & other public dangers. Other Code Red Registration can be based on the City's website (<http://www.jacksonms.gov>).

Monitoring and Reporting of Compliance Data Violations

Significant Deficiencies

During a sanitary survey conducted on November 18, 2016, the Mississippi State Department of Health cited the following significant deficiencies/ hazardous application of treatment chemicals and herbicides.

Compliance Actions:

The system is currently in a Compliance Plan that requires a Compliance Control Study, which was completed on May 31, 2017. The City anticipates that the Study will establish new criteria for optimizing corrosion control. Following approval of the Study by the Mississippi State Department of Health, the city will have until May 31, 2018 to complete the improvements necessary to address the Significant Deficiency and optimize corrosion control.

Currently, the City of Jackson is doing the following:

We have evaluated and made corrective actions to our existing corrosion control system in an effort to stabilize the pH in the distribution system. This evaluation and the corrective actions are an ongoing process.

We have requested monitoring of water quality parameters in the distribution system and at the treatment plant.

We contracted with a consulting engineer who performed a Corrosion Control Study for the water treatment plant. The data from this Study was compiled in a report with the recommended optimal corrosion control which was submitted to the City on May 31, 2017.

The corrosion control treatment recommended by the Study for the O.B. Curtis Water Treatment Plant is currently scheduled to be installed and operational by July 31, 2017.

Due to the age of the plant and the need for equipment upgrading, the corrosion control treatment recommended by the Study for the J.H. Fernald Water Treatment Plant is currently scheduled for installation by December 31, 2018.



City of Jackson, Mississippi
 Division of Water/Sewer Administration
 200 South President Street
 P. O. Box 17
 Jackson, Mississippi 39205-0017

2016 Annual Drinking Water Quality Report

City of Jackson Water System

Public Water Supply Identification Number MS0250008

Issued May 31, 2017



2016 Annual Drinking Water Quality Report

We are pleased to present the 2016 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 consistent 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 sources for this great city are the Ross Barnett Reservoir and the Pearl River (surface water) and are treated and provided to you through our two (2) state-of-the-art Class "A" drinking water facilities: O.B. Curtis and J.H. Fernald Water Treatment Plants.

In August 2014, the City of Jackson Maddox Road Well System was taken offline and made inactive. Due to unresolvable equipment malfunctions and water main pressure issues, the wells were placed back in service in July 2015 in an emergency back-up status. The City of Jackson's emergency back-up well system is comprised of six (6) groundwater wells located along the Hwy 18 corridor: Wiggins Rd Well, TV Road Well, Maddox Rd Well, Hwy 18 Well, Willowood Well, and Sewell Road Well.

Our mission is to provide clean, safe drinking water that meets Federal and State regulations, in adequate amounts and at the lowest possible cost.

2016 Water Quality Data

The Mississippi Department of Environmental Quality has completed their source water assessment report which is available for review by appointment at the Water/Sewer Utilities Division Office 300 S. President Street, Room 403 between the hours of 8:00 AM and 5:00 PM Monday through Friday. Call 601-960-2950 for appointment.

If you have any questions about the report or concerning your water utility, please contact Cynthia Hill, Water Systems Manager at 601-960-2417. We want our valued customers to be informed about their water utility. To participate in decisions that may affect the quality of the water, please send one of our regularly scheduled City Council meetings. They are held every other Tuesday at either 6:00 PM or 10:00 AM when City Hall.

In order to ensure that your tap water is safe to drink, the City of Jackson Water System routinely monitors for contaminants in your drinking water according to Federal and State laws. These laws limit the amount of certain contaminants in your drinking water. The report contains one table that shows the results of our monitoring for the period of January 1, 2015 to December 31, 2016.

Information about Your Water

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage, wildlife, and other sources;
 - Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, erosion or domestic wastewater discharges;
 - 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, urban storm water runoff, and septic systems;
 - Radionuclide contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.
- For more information about contaminants and potential health effects, contact the EPA's Safe Drinking Water Hotline at 1-800-426-4791.

The Water Treatment Process

Your water is treated in a series of processes applied in sequence that includes coagulation, flocculation, sedimentation, filtration, and disinfection. Coagulation involves dirt and other particles suspended in the source water by adding chemicals called coagulants to form tiny sticky particles called "floc," which attach the dirt particles. Flocculation is the formation of larger flocs from smaller flocs and is achieved using gentle, constant mixing. The heavy particles settle naturally out of the water in a sedimentation basin. The clear water then moves to the filtration process where the water passes through sand, gravel, and activated carbon to remove even smaller particles. UV-radiation is used to disinfect the water. Chlorine is used to kill bacteria and other microorganisms (viruses, cysts, etc.) that may be in the water before water is stored and distributed to homes and businesses in the community. For the emergency backup wells, the water was treated by distribution only.

For Customers with Special Health Concerns

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 immunocompetent and other immunologically compromised persons are available from the Safe Drinking Water Hotline (800-426-4791).

Additional Information and Recommendations 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. The City of Jackson is responsible for providing quality drinking water, but cannot control the variety of materials used in plumbing components. When you wash last been using for several hours, you can minimize the potential for lead exposure by flushing your tap for one to two minutes before using water for drinking or cooking.

Although the majority of home lead testing performed detected no lead or lead below the action level set by the EPA, the Mississippi State Department of Health and the City of Jackson are issuing these recommendations as a special precaution, especially for households with young children or pregnant women. These procedures should remain in place at least so far as metals while the City makes the necessary changes required to stabilize the pH levels in its water system.

Before using tap water for drinking or cooking, run your cold tap for one to two minutes. For details, see <http://www.cdc.gov/od/ohrt/leadaction.htm>.

Households should never use hot water for drinking or cooking.

Residence should clean out their faucet aerators on a regular basis by ensuring the aerator at the tip of the faucet, and removing any sediment or particles that have collected in the filter screen.

Any child five years of age or younger and any pregnant woman should use filtered water (NSF53 certified filter - <http://www.fda.gov/cdrh/oc/leadaction.htm>) or bottled water for drinking and cooking.

Baby formula should be "ready-to-feed" or prepared using only boiled or bottled water.

Parents with children five years or younger should contact their child's pediatrician or primary care provider to make sure that adequate lead screening and blood testing have been performed.

If you get 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 the <http://www.epa.gov/lead/> website. For more information, call the Safe Drinking Water Hotline at 1-800-426-4791 or visit <http://www.epa.gov/lead/>. The Mississippi State Department of Health Public Health Laboratory offers lead and copper testing for \$15 per sample. Please contact 601-574-7522 if you want to learn your water tested.

TEST RESULTS

Contaminant	Victory Yes/No	Sample Date	Level Detected	Range of Detects or if Samples Exceeding AL	MDQG	MDQ, TT, AL	Utility Source of Contamination
Microbiological Contaminants							
Total Organic Carbon (3 months)	No	2016	1.33 average	4% - 50%	N/A	TT based on increased water TCC	Naturally present in the environment
Turbidity (NTU)	No	2016	0.53	Lowest monthly % below 0.3 NTU = 95.9	N/A	TT by colorimetric titration	Sediment
Inorganic Contaminants							
Barium (ppm)	No	2016	0.02	0.02 - 0.02	2	2	Discharge of drilling water; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	No	2016	2.10	ND - 2.10	100	100	Discharge from steel & pulp mills; erosion of natural deposits
Copper (ppm) - consumer tap lead (90th percentile)	No	2016	0.1	0 or 100 exceeding	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits
Iron (ppm)	No	2016	200	ND - 200	200	200	Discharge from steel/metal facilities; Discharge from pipes & ball valves; bacteria
Fluoride (ppm)*	No	2016	1.16	0.81 - 1.16	4	4	Erosion of natural deposits; water additive which provides strong taste; discharge from sulfur & sulfuric acid factories
Lead (ppm) - consumer tap lead (90th percentile)	No	2016	18	13 to 121 exceeding	0	AL = 0.05	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (ppm)	No	2016	0.23	ND - 0.23	10	10	Ranoff from fertilizer use; leaching from septic tanks; leachate; erosion of natural deposits
Nitrite (ppm)	No	2016	0.06	ND - 0.06	1	1	Ranoff from fertilizer use; leaching from septic tanks; leachate; erosion of natural deposits
Nitrate-Nitrite (ppm)	No	2016	0.27	ND - 0.27	10	10	Ranoff from fertilizer use; leaching from septic tanks; leachate; erosion of natural deposits
Disinfection Byproducts							
Chloroform (ppm)	No	2016	1.20	0.29 - 1.60	4	4	Water additive used to control microbes
Chlorine Dioxide (ppm)	No	2016	390	ND - 390	600	600	Water additive used to control microbes
Halooxide: Total (ppb)	No	2016	4.63	ND - 60.0	60	60	Byproduct of drinking water disinfection
Total Trihalomethanes (ppb)	No	2016	71.6	13.4 - 85.2	N/A	80	Byproduct of drinking water disinfection

*Fluoride level is routinely adjusted to the MS State Department of Health's recommended level of 0.7 - 1.3 mg/L.

Abbreviations & Definitions:
 ND: Not Detected
 N/A: Not Applicable
 TT: Treatment Technique
 AL: Action Level
 MDQG: Maximum Daily Goal
 MDQ: Maximum Daily Quota
 TT: Treatment Technique
 AL: Action Level
 MDQG: Maximum Daily Goal
 MDQ: Maximum Daily Quota

These data were generated by the City of Jackson Water Utility. The concentrations of a contaminant which is reported "typical" are based on the average of all samples collected during the reporting period. The number of samples collected during the reporting period is indicated in the "No. of Samples" column. The "Level" column indicates the concentration of the contaminant in the sample. The "Level" column also indicates the concentration of the contaminant in the sample. The "Level" column also indicates the concentration of the contaminant in the sample.

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Fluoridation and Your Drinking Water

To comply with the Regulation Governing Fluoridation of Community Water Supplies, CITY OF JACKSON is required to report certain results pertaining to fluoridation of our water system. The number of reports in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7 to 1.3 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range was 93%.

Where Your Money Goes

Your water use charge is:
 \$3.21/100 cubic feet if you are within the City Limits.
 \$6.42/100 cubic feet if you are outside the City Limits but within 1 mile of the City Limits; and
 \$2.48/100 cubic feet if you are more than 1 mile outside of the City Limits.
 65% of this charge is used for operations and maintenance of the water system. 35% of this charge is used for debt retirement.

Get Involved

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. Water conservation measures are an important first step in protecting our water supply. Such measures not only save the supply of our source water, but can also save you money by reducing your water bill. There are a few suggestions:
 Conservation measures you can use inside your home include:
 ✓ Fix leaking faucets, pipes, toilets, etc.
 ✓ Use bathing faucets, pipes, toilets, etc.
 ✓ Replace old toilets, most water-saving devices in faucets, toilets & showers.
 ✓ Wash only full loads of laundry.
 ✓ Do not use the toilet for trash disposal.
 ✓ Take shorter showers.
 ✓ Do not let the water run while shaving or brushing teeth.
 ✓ Soak dishes before washing.
 ✓ Run the dishwasher only when full.
 You can conserve outdoors as well:
 ✓ Water the lawn and garden in the early morning or evening.
 ✓ Use mulch around plants and shrubs.
 ✓ Repair leaks in faucets and hoses.
 ✓ Use water from a bucket to wash your car; save the hose for rinsing information on other ways you can help conserve water can be found on the EPA's website at <http://www.epa.gov/od/ohrt/leadaction.htm>.

Thirdly For More Information about Your Water?
 Please feel free to contact us: www.jacksonms.gov
 For Billing Inquiries, call 601.560.2000
 For Non-Emergency City concerns, Dial 311
 For Non-Emergency City concerns, Dial 311

If you have any questions concerning your water utility, please contact:
 Customer Service Department
 601.560.2417
 601.560.2417
 For questions regarding contaminants, or hot water questions, call:
 Water Laboratory
 601.560.2123
 For water leaks or service, contact either, or both of the following:
 Water Maintenance
 601.560.1777