

2017 MAY -9 AM 8: 31

CERTIFICATION

Consumer Confidence Report (CCR)

Town of Pelahatchie

Public Water Supply Name

MS 06/0018

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: Kankin County News

Date Published: 4/26/17 & 5/3/17

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

Brady Harrell Public Works Director
Name/Title (President, Mayor, Owner, etc.)

5-8-17
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!

AFFIDAVIT

PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI
COUNTY OF RANKIN

THIS 3RD DAY OF MAY, 2017, personally came Marcus Bowers, publisher of the Rankin County News,

a weekly newspaper printed and published in the City of Brandon, in the County of Rankin and State of Mississippi, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 13-3-31, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

2016 ANNUAL DRINKING WATER QUALITY REPORT

CITY OF PELAHATCHE

a copy of which is hereto attached, was published in said newspaper Two (2) consecutive weeks, as follows, to-wit:

Vol 169 No. 41 on the 26th day of April, 2017

Vol 169 No. 42 on the 3rd day of May, 2017

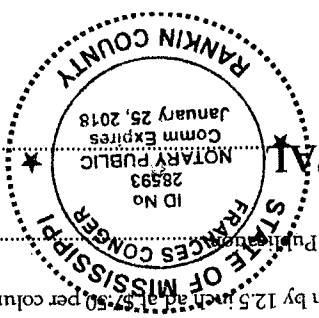
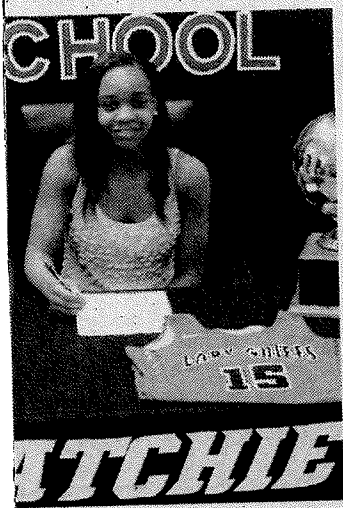
... informed about the excellent water services we have delivered to you. Our water source is three wells. Our...
... Ability Assessment Rating on our wells was: Moderate...
... at 769-274-9154. We want our valued customers to be...
... ed meetings. They are held on the first Monday of every...
... l and State laws. This table shows the results of our monitoring...
... can pick up substances or contaminants such as nitrates...
... ed water, may be reasonably expected to occur at least small...
... not necessarily pose a health risk.
... ter understood these terms we provided the following...
... in \$10,000...
... in \$10,000,000...
... tements which a water system must follow...
... that is allowed in drinking water. MCLs are set as close to the...
... her below which there is no known or expected risk to health.

NEWS SIGN - Monday, May 1, two letters of intent. Janae Collier Community College Bulldogs in played shooting guard and small forwards in Massachusetts. Stokes signed on for the Lady Chiefs. Collier 2015 1A State Championship

... with (back row, l to r), John...
... drew Sweat, Lincoln Shef...
... eyham, Patton Kincaid, and



... ter of intent to play basketball...
... ge Lions in Scooba, Miss. Mon...
... layed point guard for the Lady...
... er mother Vicki Jones.



TOTAL \$284.25
Proof of Publication \$3.00
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PRINTER'S FEE:
My Commission Expires: January 25, 2018
FRANCES CONGRER
Notary Public

MARCUS BOWERS, Publisher
Sworn to and subscribed before me by the aforementioned
Marcus Bowers this 3rd day of May, 2017

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is three wells. Our wells draw from the Sparta Sand Aquifer.

Our source water assessment plan is complete and is available for viewing at City Hall. Our Final Susceptibility Assessment Rating on our wells was: Moderate. We are pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Brady Harrell at 769-274-9154. We want our valued customers to be formed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of every month at 7 PM. The meetings will be conducted at City Hall, 705 Second Street, Pelahatchie, Mississippi.

The City of Pelahatchie routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2016. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, organic and organic chemicals, and radioactive substances. 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 pose a health risk.

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:

- one part per million (ppm)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.
- one part per billion (ppb)** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- 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.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Levels or % of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Constituents								
Asbestos	N	04/24/2014	<0.0003		ppm	NA	0.1	Discharge from petroleum refineries, the petroleum, concrete, cement, and other construction materials.
Arsenic	N	04/24/2014	<0.0600		ppm	NA	0.10	Discharge from natural deposits, runoff from agricultural, and other uses, discharge from electrical production wastes.
Boron	N	09/18/2012	<0.010		ppm	NA	2.0	Discharge from natural deposits, runoff from agricultural, and other uses, discharge from electrical production wastes.
Barium	N	04/24/2014	0.004		ppm	2	2	Discharge from natural deposits, runoff from agricultural, and other uses, discharge from electrical production wastes.
Beryllium	N	04/24/2014	<0.0005		ppm	4	0.004	Discharge from metal refineries and other uses, discharge from electrical production wastes, and other uses.
Cadmium	N	04/24/2014	<0.0005		ppm	5	0.005	Corrosion of galvanized pipes, erosion of metal deposits, discharge from metal refineries, runoff from agricultural, and other uses, discharge from electrical production wastes, and other uses.
Chlorine	N	04/24/2014	0.0041	0.1	ppm	0.1	0.1	Discharge from steel and other metal, erosion of natural deposits.
Fluoride (Peak above 4.0 mg/L)	N	04/24/2014	No Sample Taken		ppm			Discharge from natural deposits, water additive which provides strong taste, discharge from fertilizers and other uses.
Cyanide	N	12/04/13	<0.015		ppm	2	2	Discharge from industrial facilities, discharge from plastic and fertilizer factories.
Mercury (Inorganic)	N	04/24/2014	<0.0005		ppm	2	0.002	Mercury from natural deposits, discharge from refineries and other uses, runoff from agricultural, and other uses, discharge from electrical production wastes, and other uses.
Nitrate (as Nitrogen)	N	05/10/2016	<0.08		ppm	10	10	Runoff from fertilizers, leaching from manure, sewage, erosion of natural deposits.
Nitrate (as Nitrogen)	N	05/10/2016	<0.02		ppm	1	1	Runoff from fertilizers, leaching from manure, sewage, erosion of natural deposits.
Nitrate (as N) (AR M)	N	06/19/2016	<0.1		ppm	10	10	Runoff from fertilizers, leaching from manure, sewage, erosion of natural deposits.
Selenium	N	04/24/2014	<0.002		ppm	5	0.05	Discharge from nonferrous metal refineries, erosion of natural deposits, discharge from steel.
Thallium	N	04/24/2014	<0.0003		ppm	3	0.0003	Leaching from nonferrous metal, discharge from electrical, glass, and other uses.
Volatile Organic Constituents								
Benzene	N	2016	<0.5		ppb	5	5	Discharge from refineries, leaching from gas storage tanks and fuel tanks.
Chloroform	N	2016	<0.5		ppb	7	7	Discharge from chemical plants and other industrial facilities.
Chloroethane	N	2016	<0.5		ppb	100	100	Discharge from chemical and agricultural chemical facilities.
Dichlorobenzene	N	2016	<0.5		ppb	600	600	Discharge from industrial chemical facilities.
1,1-Dichloroethane	N	2016	<0.5		ppb	75	75	Discharge from industrial chemical facilities.
1,2-Dichloroethane	N	2016	<0.5		ppb	5	5	Discharge from industrial chemical facilities.
1,1,1-Trichloroethane	N	2016	<0.5		ppb	7	7	Discharge from industrial chemical facilities.
1,1,2-Trichloroethane	N	2016	<0.5		ppb	70	70	Discharge from industrial chemical facilities.
trans-1,2-Dichloroethane	N	2016	<0.5		ppb	100	100	Discharge from industrial chemical facilities.
Dibromochloromethane	N	2016	<0.5		ppb	5	5	Discharge from pharmaceutical and chemical facilities.
1,2-Dibromochloroethane	N	2016	<0.5		ppb	5	5	Discharge from industrial chemical facilities.
1,1,1-Trichloroethane	N	2016	<0.5		ppb	700	700	Discharge from petroleum refineries.
Bromoform	N	2016	<0.5		ppb	100	100	Discharge from rubber and plastic facilities, leaching from fuel tanks.
Trichloroethylene	N	2016	<0.5		ppb	5	5	Leaching from PVC pipes, discharge from factories and dry cleaners.
1,1,1-Trichloroethane	N	2016	<0.5		ppb	70	70	Discharge from metal-finishing facilities.
1,1,1-Trichloroethane	N	2016	<0.5		ppb	200	200	Discharge from metal-finishing shops and other facilities.
1,1,2-Trichloroethane	N	2016	<0.5		ppb	3	3	Discharge from industrial chemical facilities.
Trichloroethylene	N	2016	<0.5		ppb	5	5	Discharge from metal-finishing shops and other facilities.
Trihalomethanes	N	2016	<0.5		ppb	1000	1000	Discharge from petroleum refineries.
Vinyl Chloride	N	2016	<0.5		ppb	2	2	Leaching from PVC pipes, discharge from chemical facilities.
Xylenes	N	2016	<0.5		ppb	10000	10000	Discharge from petroleum refineries, discharge from chemical facilities.
Disinfection Byproducts								
THM4 (Total Trihalomethanes)	N	07/14/2014	7.54	NA	ppb	NA	7.54 PPM	By-product of drinking water disinfection.
HAAs (haloacetic acids)	N	07/14/2014	8.0	NA	ppb	NA	8.0 MCL	By-product of drinking water disinfection.
Copper	N	06/20/2014	0.54601	0	ppm	1.3	MCL:1.3	Corrosion of metal plumbing systems, erosion of natural deposits.
Lead	N	06/20/2014	0.003	MCLG	ppm	15	MCL:15	Corrosion of metal plumbing systems, erosion of natural deposits.
Chloride (ppm)	N	2016	2.30	1,263.00 MCL	ppm			Water additive used to control microbes.

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

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the TOWN OF PELAHATCHIE is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 100%.

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 water. 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 (800-426-4791).

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. Town of Pelahatchie 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 or more 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/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.376.7583 if you wish to have your water tested.

a weekly newspaper published and printed in the City of Rankin and State aforesaid, before me this 13th day of May, 2017, and for said County and State, who being duly sworn that said newspaper has been published for more than one year, and that said newspaper is the first publication of the attached notice and is published in accordance with the provisions of Sections 13-3-31, Laws of Mississippi, 1936, and laws supplement thereto, and that a certain

2016 ANNUAL DRINKING WATER QUALITY REPORT

CITY OF PELAHATCHIE

a copy of which is hereto attached, was published (2) consecutive weeks, as follows, to-wit:

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Vol 169 No. 42 on the 3rd day of May, 2017

Marcus Bowers

MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 3rd day of May, 2017

Notary P
 FRANCES CONGER
 My Commission Expires: January 25, 2018

PRINTER'S FEE:

3 column by 12.5 inch at \$7.50 per column inch.....

Proof of Publication

TOTAL

