

2017 MAY -8 AM 8:48

CERTIFICATION

Consumer Confidence Report (CCR)

FERNWOOD INDUSTRIAL WATER SUPPLY

Public Water Supply Name

0570039

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: ENTERPRISE JOURNAL

Date Published: 04 12 2017

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

Date Posted: 04 18 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

Blaine Sharp
Name/Title (President, Mayor, Owner, etc.)

5-5-17
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!

2016 Annual Drinking Water Quality Report
 Fernwood Industrial Water Supply
 PWS#: 0570039
 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 two wells drawing from the Miocene Series 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 Fernwood Industrial Water Supply have received lower susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Tommy Roberts at 601-810-0037. 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 second Tuesday of each month at 6:30 PM at 3044 HWY 98, McComb, MS.

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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2016	2.1	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2016	.0241	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

14. Copper	N	2012/14*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2016	.114	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2012/14*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	N	2016	1	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2016	2.34	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2016	1.5	1.2 – 1.6	ppm	0	MDRL = 4	Water additive used to control microbes

* 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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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.

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 Fernwood Industrial Water Supply 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.

HOMESTEAD COMM CLUB INC.
 3044 HWY 98 E
 MCCOMB, MS 39648
 601-250-1571

RETURN SERVICE REQUESTED

PRESORTED
 FIRST-CLASS MAIL
 U.S. POSTAGE
 PAID
 FERNWOOD, MS
 PERMIT NO. 01

TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		
Water	336300	329650	6,650	42.90

HOMESTEAD COMM CLUB INC.

CUSTOMER		PAY GROSS AMOUNT AFTER THIS DATE
ROUTE	ACCOUNT	
4	427	5/20/17
NET AMOUNT TO BE PAID		GROSS AMOUNT TO BE PAID
42.90		47.19

MAIL THIS STUB WITH YOUR PAYMENT



METER READ			ACCOUNT 427 4/27/2017		
MONTH	DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
4	25	1	42.90	4.29	47.19

GLENN & JUDY SHARP
 3194 HIGHWAY 98 E
 MCCOMB MS 39648-9459

PAY AT PIKE NATIONAL BANK OR MAIL TO ABOVE ADDRESS.
 BILLS ARE DUE ON THE 20TH OF THE MONTH. CUT OFFS ARE
 ON THE 25TH OF THE MONTH. THE CONSUMER CONFIDENCE
 REPORT IS AVAILABLE AT THE OFFICE. FOR ONE, CALL
 601 250 1571

THE ANNUAL MEETING OF
 HOMESTEAD COMMUNITY CLUB, INC.
 DBA HOMESTEAD WATER,
 WILL BE HELD APRIL 11, 2017, AT 6:30 PM
 AT THE HOMESTEAD WATER OFFICE,
 3044 HWY 98 E, MCCOMB, MS.

STATE OF MISSISSIPPI,
COUNTY OF PIKE

PERSONALLY CAME before me, the undersigned, a notary public in and for PIKE County, Mississippi, the CLERK of the McCOMB ENTERPRISE-JOURNAL, a newspaper published in the City of McComb, Pike County, in said state who being duly sworn, deposes and says that the McCOMB ENTERPRISE-JOURNAL 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 Fernwood Water Quality Report

has been made in said paper 1 times consecutively, to wit:
On the 27th day of April, 20 17
On the _____ day of _____, 20 _____
On the _____ day of _____, 20 _____
On the _____ day of _____, 20 _____
On the _____ day of _____, 20 _____
On the _____ day of _____, 20 _____
On the _____ day of _____, 20 _____

SWORN TO and subscribed before me, this
3 day of May, 20 17

Kim Golden
Notary Public

Connie Jenkins
Clerk

My Commission Expires: June 19, 2017

McComb, Miss. _____, 20 _____
To McComb Enterprise-Journal



TO PUBLISHING _____

case of _____

_____ words space

1 times and making proof, \$ 450.00

RECEIVED OF _____

payment in full of the above account.

_____, 20 _____

What's pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water we supply to you. 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 source is from two wells drawing from the Micoone Surface Aquifer.

The source water assessment has been completed for our public water system to determine the current susceptibility of its drinking water supply to identified potential contaminants. This assessment is a critical step in our water treatment process. The results of this assessment are used to determine the appropriate treatment processes to protect public health. The water for the Fernwood Industrial Water Supply has received lower susceptibility ratings to contaminants.

If you have any questions about this report or concerning your water utility, please contact Tommy Roberts at 601-919-0287. We want our valued customers to be informed about their water utility. If you want to learn more, please contact us at 601-919-0287. We want our customers to be informed about their water utility. If you want to learn more, please contact us at 601-919-0287. We want our customers to be informed about their water utility. If you want to learn more, please contact us at 601-919-0287.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. The 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 surrounding area. Some of these substances, such as radon, lead, and asbestos, are naturally occurring in groundwater. Some are added to water during the treatment process, such as chlorine, which can be naturally occurring or from human activity. Microbial contaminants, such as bacteria, viruses, and protozoa, can be found in surface water systems, agricultural runoff, irrigation canals, and domestic water systems. Disinfection by-products, such as trihalomethanes, haloacetic acids, and haloacetonitriles, are formed when disinfectants like chlorine react with naturally occurring and added organic materials. Some disinfection by-products are regulated because they may be harmful to you. Volatile organic chemicals, such as benzene, toluene, and xylene, are found in many household products, such as cleaning supplies, paints, and pesticides, and can be found in drinking water. Some volatile organic chemicals are found in drinking water because they are released from the ground. Some volatile organic chemicals are found in drinking water because they are released from the ground. Some volatile organic chemicals are found in drinking water because they are released from the ground.

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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 Allowable" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Zero" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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 disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or % of Sample MCL/MCLG	Unit	MCLG	MCL	Legal Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2/16	2.1	No Range	ppb	NA	10	Erosion of natural deposits, runoff from agricultural operations, and discharge from power plants
10. Barium	N	2/16	10241	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
14. Copper	N	2/12/14*	1	0	ppm	1.5	1.5	Corrosion of household plumbing, erosion of natural deposits, leaching from wood preservatives
16. Fluoride	N	2/16	114	No Range	ppm	4	4	Erosion of natural deposits, water-acidic which percolates along fault, discharge from smelters and other industrial processes
17. Lead	N	2/12/14*	3	0	ppb	0	AL*15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or % of Sample MCL/MCLG	Unit	MCLG	MCL	Legal Source of Contamination
81. THM45	N	2/16	1	No Range	ppb	0	80	By-product of drinking water disinfection
82. THM45 (Total Trihalomethanes)	N	2/16	234	No Range	ppb	0	80	By-product of drinking water disinfection
Chloroform	N	2/16	15	12 - 15	ppm	0	MRL: 14	Water source used to control disinfection

* After 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 limited (though) 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 contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We do not monitor for all contaminants. For more information about monitoring requirements, MS2H now notifies sampling that showed no violation 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 your home plumbing. If you have any questions about lead in your water, you may wish to contact the lead service line at 601-919-0287. If you have any questions about lead in your water, you may wish to contact the lead service line at 601-919-0287. If you have any questions about lead in your water, you may wish to contact the lead service line at 601-919-0287.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be inorganic, organic, or radioactive. Some substances are known to cause health problems. All drinking water, including bottled water, may reasonably be expected to contain some of these substances. 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.