

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION
CALENDAR YEAR 2013

2014 JUN 12 AM 9:32

V Lakes Utility District

Public Water Supply Name

0610038

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: 6 / 1 / 14 / / / /

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: Rankin County News

Date Published: 6 / 5 / 2014

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 2013 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.

Melanie Yankowski
Name/Title (President, Mayor, Owner, etc.)

6/10/14
Date

Deliver or send via U.S. Postal Service:
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

May be faxed to:
(601)576-7800

May be emailed to:
Melanie.Yankowski@msdh.state.ms.us

W&S

2013 Annual Drinking Water Quality Report
 V Lakes Utility District
 PWS#: 0610038
 May 2014

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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Cockfield Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify 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 V Lakes Utility District have received moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Alex Tucker at 601.824.9855. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 7:00 PM at 1450 Old Lake Road, Brandon, MS 39042.

We routinely monitor for constituents 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, 2013. In cases where monitoring wasn't required in 2013, 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.

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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011*	.005	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

14. Copper	N	2011/13	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	.358	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011/13	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Volatile Organic Contaminants

76. Xylenes	N	2013	.0001	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
-------------	---	------	-------	----------	-----	----	----	---

Disinfection By-Products

81. HAA5	N	2012*	30	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2012*	49.2	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2013	.60	.5 – .9	mg/l	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2013.

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 for \$10 per sample. 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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The V Lakes Utility District 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.



V LAKES UTILITY DISTRICT
 P.O. BOX 82
 BRANDON, MS 39043
 601-824-9855
 NON-PAYMENT CUT-OFF DATE ON OR AFTER THE 20TH

PRESORTED
 FIRST-CLASS MAIL
 US POSTAGE
 PAID
 BRANDON MS 39043
 PERMIT NO. 275

TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		
Water	1838000	1835000	3,000	38.50
Fire				2.00

CUSTOMER		PAY GROSS AMOUNT AFTER THIS DATE
ROUTE	ACCOUNT	
1	547	6/15/14
NET AMOUNT TO BE PAID		GROSS DUE AFTER 15TH
40.50		60.50

MAIL THIS STUB WITH YOUR PAYMENT

Service From 4/16/2014 TO 5/15/2014 ACCOUNT 547 5/28/2014

METER DEAD			TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
MONTH	DAY	CLASS			
5	15	1	40.50	20.00	60.50

TUCKER III B A
 339 RANDY AVE
 BRANDON MS 39042

Board Meeting -- 6/10/14 -- 7:00 PM
 Consumer Confidence Report will be published in the June 5th
 edition of Rankin County News, or copies are now available in the office.

AFFIDAVIT

2014 JUN 12 AM 9:32

PROOF OF PUBLICATION

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

STATE OF MISSISSIPPI
COUNTY OF RANKIN

THIS 4TH DAY OF JUNE, 2014, 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 aforesaid, 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 13-3-1, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

2013 ANNUAL DRINKING WATER QUALITY REPORT

V LAKES UTILITY DISTRICT

a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol 166 No. 46 on the 4th day of June, 2014

Marcus Bowers

MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned
Marcus Bowers this 4th day of June, 2014

Frances Conger Notary Public
FRANCES CONGER
My Commission Expires: January 25, 2018

PRINTER'S FEE (12 cents per word for first insertion and 10 cents per word for each subsequent insertion)

3 column by 13 inch ad at \$7.00 per column inch..... \$273.00

Proof of Publication 3.00

TOTAL \$276.00

6/1/38

2013 Annual Drinking Water Quality Report
V Lakes Utility District
PVISE 0510025
May 2014

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 constantly improve the water distribution process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Cookfield Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply. We identify 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 water for the V Lakes Utility District has received moderate ratings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Alex Tucker at 601.624.9556. We want our valued customers to be informed about their water utility. If you need to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Thursday of the month at 7:00 PM at 1400 Old Law Road, Brandon, MS 39042.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all the drinking water contaminants that were detected during the period of January 1, 2013, to December 31, 2013. We do not detect monitoring when requested or detected. The table reflects the total number of samples collected over the period of time and does not indicate the frequency of detection. Some constituents are not routinely monitored for because they are not expected to be present in our water supply. Some constituents are not routinely monitored for because they are not expected to be present in our water supply.

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 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 contamination.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water 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 contamination.

Parts per million (ppm) or Micrograms per liter (µg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000,000

Parts per billion (ppb) or Micrograms per liter (µg/l) - one part per billion corresponds to one minute in 2,000 years, of a single penny in \$10,000,000

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects of # of Samples	Unit	MCLG	MCL	MRDL	MRDLG	Likely Source of Contamination
Inorganic Contaminants										
10. Barium	N	2011*	006	No Range	ppm	2	2			Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
14. Copper	N	2011/13	.4	0	ppm	1.3	AL=1.3			Erosion of household plumbing system; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	.358	No Range	ppm	4	4			Erosion of natural deposits, water soluble which migrates along leech; discharge from fertilizer and aluminum facilities
17. Lead	N	2011/13	1	0	ppb	0	AL=15			Erosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants										
18. Toluene	N	2013	0001	No Range	ppm	10	10			Discharge from petroleum sources; discharge from chemical factories
Disinfection By-Products										
21. HAAs	N	2012	30	No Range	ppb	0	30			By-Product of Drinking Water Disinfection
22. THMs (Total Trihalomethanes)	N	2012	48.2	No Range	ppb	0	30			By-Product of drinking water disinfection
Chlorine	N	2013	46	A - R	mg/l	0	MRDL=4			Water additive used to control microbes

* Most recent sample. All samples analyzed on 6/21/14

As you can see by the table, our system has no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have been through our monitoring and testing. Our water quality has been determined to be safe. 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 assure systems compliance all monitoring requirements, USDOH operates a routine system of monitoring samples prior to the end of our compliance period.

if certain 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, cooking, or babying. 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/leadwater>. The Mississippi State Department of Health Public Health Laboratory offers lead testing at \$10 per sample. Please contact 601.278.7282 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 a small amount 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. 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 Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The V Lakes Utility District 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.