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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

SONTAG-WANILLA WATER
Public Water Supply Name

0390006
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act 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 to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

☒ Customers were informed of availability of CCR by: ***(Attach copy of publication, water bill or other)***

- ☒ Advertisement in local paper
- ☐ On water bills
- ☐ Other_____

Date customers were informed: 6/23/11

☐ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

☒ CCR was published in local newspaper. ***(Attach copy of published CCR or proof of publication)***

Name of Newspaper: LAWRENCE CO. PRESS

Date Published: 6/23/11

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

Date Posted: 6/23/11 LAWRENCE CO. LIBRARY

☐ CCR was posted on a publicly accessible internet site at the address: www._____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. 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.

BOBBY SELMAN / OPERATOR
Name/Title (President, Mayor, Owner, etc.)

6-30-2011
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

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2010 Annual Drinking Water Quality Report

SONTAG WANILLA WATER ASSOCIATION
PWS ID #390006
JUNE 12,2011

We're pleased to present to you this year's Annual Water Quality 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 three wells drawing water from the Catahoula Formation and Miocene Series Aquifer.

Our source water assessment has been completed for our wells and it show our wells have a lower susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Alvin Ashley at 601-587-0820. 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 last Thursday of each month at 6:00PM at the Sontag Community Center located at 979 Sontag Nola Road.

Sontag Wanilla Water Association 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, 2010. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic 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.

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:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

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.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The AMaximum 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 - The AGoal≅(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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Disinfectants & Disinfection By-Products (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as CL2)	N	2010	1.18 (RAA) Running Annual Average	1.15-low 1.25-high	ppm	4.0	4.0	Water additive to control microbes
Inorganic Contaminants								
10. Barium	N	2-4-2009	0.00129 and 0.00619	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	7-31-2007*	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2-4-2009	0.908 and 0.997	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	7-31-2007*	2.0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
73. TTHM [Total trihalomethanes]	N	12-31-2005*	34	0	ppb	0	100	By-product of drinking water chlorination

* MOST RECENT SAMPLE

Radioactive Contaminants:

(5) Alpha emitters. Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

Inorganic Contaminants:

(10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

(16) Fluoride. Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Children may get mottled teeth.

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Volatile Organic Contaminants:

(73) TTHMs [Total Trihalomethanes]. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in June 2007 and April 2008. (Didn't record a chlorine residual on sample form).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 notified systems of any missing samples prior to the end of the compliance period.

********** Additional Information 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. Sontag-Wanilla 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 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 Agencys 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.

**********A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING**********

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007- December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Please call our office if you have any questions.

PROOF OF PUBLICATION
THE STATE OF MISSISSIPPI
LAWRENCE COUNTY

Personally appeared before the undersigned authority in and for said county and state, John Carney, who being duly sworn, deposeth and saith that he is editor and publisher of the *Lawrence County Press*, a newspaper published continuously for the past two years or more, in the Town of Monticello, in said county and state, that the notice, a true copy of which is hereto attached, was published in said newspaper for 1 consecutive times on the date(s) as follows:

June 22, 20 11

_____, 20____

_____, 20____

_____, 20____

_____, 20____

_____, 20____

Sworn to and subscribed before me this the 22nd day of June, 20 11.

Beverly Viniard
Notary

John Carney
Publisher

STATE OF MISSISSIPPI
BEVERLY VINIARD
ID# 81592
NOTARY PUBLIC
Comm. Expires
June 18, 2014
LAWRENCE COUNTY

Printer's Fee: _____

Proof Fee: $3.00

Total: _____

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PWS ID #890006
JUNE 12,2011

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******A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*********

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mply with the "Regulation Governing Fluoridation of Community Water Supplies", the TOWN OF TICELLO is required to report certain results pertaining to fluoridation of our water system. The number ths in the previous calendar year that average fluoride sample results were within the optimal range of 0.7- n was 11. The percentage of fluoride samples collected in the previous calendar year that was within the d range of 0.7-1.3ppm was 92%.

call our office if you have questions.

that all our customers help us protect our water sources, which are the heart of our community, our way nd our childrens future.

)F PUBLICATION
TE OF MISSISSIPPI
ICE COUNTY

ppeared before the undersigned and for said county and state, , who being duly sworn, d saith that he is editor and the *Lawrence County Press*, r published continuously for years or more, in the Town of n said county and state, that the e copy of which is hereto as published in said newspaper __ consecutive times on the llows:

22 __________, 20 11

__________, 20____

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__________, 20____

__________, 20____

__________, 20____

2011 JUN 29 PM 25

d subscribed before me this the _ day of June

STATE OF MISSISSIPPI
BEVERLY VINIARD
ID # 81592
NOTARY PUBLIC
Comm. Expires June 18, 2014
LAWRENCE COUNTY

e: __________

__________ $3.00

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