

2012 JUN 25 AM 10: 53

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORMKIPLING WATER ASSN

Public Water Supply Name

350002 350008 350019

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: 6/14/12

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: KEMPER COUNTY MESSENGERDate Published: 6/14/12

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

Date Posted: 6/13/12 DEKALB PUBLIC 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.

Arthur M. Nix, President
 Name/Title (President, Mayor, Owner, etc.)

6-26-2012
 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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**2011 DRINKING WATER QUALITY REPORT
KIPLING WATER ASSOCIATION #1, 2 & 3**

RECEIVED-WATER SUPPLY

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This report is a snapshot of last year's water quality. Included are details of where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons 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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Our water source for each system consists of two wells pumping groundwater from the Lower Wilcox Aquifer. Our source water assessment has been reevaluated. This assessment details the systems' susceptibility to potential sources of contamination. A moderate to high susceptibility was found for System #1. A moderate susceptibility was found for System #2 and a lower susceptibility was found for System #3.

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 (EPA) Safe Drinking Water Hotline (1-800-426-4791).

Our board meets on the 4th Tuesday of every month at 6 p.m. at the EMEPA building in DeKalb, MS. We encourage all customers who have any concerns or questions to meet with us. Our annual membership meeting will be held August 14 at 7 p.m. in the courtroom of the Kemper County Courthouse.

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. Kipling 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 Lab offers lead testing for \$10 per sample. Please contact 1-601-576-7582 if you wish to have your water tested.

WATER QUALITY DATA TABLE

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data from this table is from testing done in the calendar year of the report. The EPA and/or the State requires us to monitor for certain contaminants less than once a year because the concentrations of the contaminants do not change frequently.

In this table you will find many terms and abbreviations you may not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level – 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 – 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 Yes/No	Date Collected	Level Detected	# of Samples Exceeding MCL/AL	Unit Measure	MCLG	MCL	Typical Source
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System #1 PWS ID # 0350002 Customer #10-4840

INORGANIC CONTAMINANTS

Barium	No	2009	0.042	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Copper	No		0.6	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	No		2	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen)	No		0.24	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

DISINFECTANTS & DISINFECTION BY PRODUCTS

There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Chlorine (as C12)	No	Jan-Dec	.70 - 1.15	None	ppm	4	4	Water additive to control microbes
TTHM	No	2009	6.20	None	ppb	0	80	By-product of drinking water chlorination

System #2 PWS ID # 0350008 Customer #4841-9520

INORGANIC CONTAMINANTS								
Barium	No	2009	0.056	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Nitrate (as Nitrogen)	No		0.10	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
DISINFECTANTS & DISINFECTION BY-PRODUCTS								
Chlorine (as C12)	No	Jan-Dec	.65 – 1.10	None	ppm	4	4	Water additive to control microbes
TTHM	No	2009	5.80	None	ppb	0	80	By-product of drinking water chlorination

System #3 PWS ID # 0350019 Customer #9530-9790

INORGANIC CONTAMINANTS								
Barium	No	2009	0.062	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Fluoride*	No	Jan-Dec	0.76-1.05	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories
DISINFECTANTS & DISINFECTION BY-PRODUCTS								
Chlorine (as C12)	No	Jan-Dec	.35 – .90	None	ppm	4	4	Water additive to control microbes
TTHM	No		4.92	None	ppb	0	80	By-product of drinking water chlorination

*To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Town of DeKalb is required to report certain results pertaining to fluoridation of their water which is supplied to Kipling Water Association #3. The number of months in the previous calendar year that average fluoride sample results were in the optimal range of 0.7-1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was in the optimal range of 0.7-1.3 ppm was 100%.

*******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. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system will be returned to compliance by March 31, 2012. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

If you have any questions about this report or concerning your water utility, please contact our senior certified water operator, W. H. Dixon, Jr. at 1-601-743-5800. Copies of this report will not be mailed out individually, but are available at the DeKalb EMEPA office. Further information, including the State Auditor's Report, is available at the DeKalb Public Library.

System #1 PWS ID # 0350002 Customer #10-4840

INORGANIC CONTAMINANTS

Barium	No	2009	0.042	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Copper	No		0.6	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	No		2	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen)	No		0.24	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits

DISINFECTANTS & DISINFECTION BY-PRODUCTS

There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Chlorine (as Cl ₂)	No	Jan-Dec	70 - 1.15	None	ppm	4	4	Water additive to control microbes
TTHM	No	2009	6.20	None	pph	0	80	By-product of drinking water chlorination

System #2 PWS ID # 0350008 Customer #4841-9520

INORGANIC CONTAMINANTS

Barium	No	2009	0.056	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Nitrate (as Nitrogen)	No		0.10	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tank; sewage; erosion of natural deposits

DISINFECTANTS & DISINFECTION BY-PRODUCTS

Chlorine (as Cl ₂)	No	Jan-Dec	65 - 1.10	None	ppm	4	4	Water additive to control microbes
TTHM	No	2009	5.80	None	pph	0	80	By-product of drinking water chlorination

System #3 PWS ID # 0350019 Customer #9530-9790

INORGANIC CONTAMINANTS

Barium	No	2009	0.062	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Fluoride*	No	Jan-Dec	0.76-1.05	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories

DISINFECTANTS & DISINFECTION BY-PRODUCTS

Chlorine (as Cl ₂)	No	Jan-Dec	35 - 90	None	ppm	4	4	Water additive to control microbes
TTHM	No		4.92	None	pph	0	80	By-product of drinking water chlorination

*To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Town of DeKalb is required to report certain results pertaining to fluoridation of their water which is supplied to Kipling Water Association #3. The number of months in the previous calendar year that average fluoride sample results were in the optimal range of 0.7-1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was in the optimal range of 0.7-1.3 ppm was 100%.

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