

2025 ANNUAL DRINKING WATER QUALITY REPORT

KIPLING WATER ASSOCIATION

SYSTEMS # 1, 3 & 4

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. As you can see by the table, **our systems had no violations**. We're proud that your drinking water meets or exceeds all Federal and State requirements.

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 System #1 consists of four wells pumping groundwater from the Lower Wilcox Aquifer. Our source water assessment has been completed and is now available. This assessment details the systems' susceptibility to potential sources of contamination. A moderate to low susceptibility was found for System #1. A low susceptibility was found for Systems #3 and #4. We buy water from the Town of DeKalb for System #3 and the DeKalb Town Hall has a copy of their source water assessment. We buy water from Northwest Kemper Water Association for System #4 and their source water assessment is available upon request.

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 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 last Tuesday of every month at 6 p.m. at the Incubator 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 11th at 7 p.m. at the Kipling office at 14062 Hwy 16 West, Unit E, De Kalb, MS.

LEAD SERVICE LINES

Kipling Water Association has completed the Lead Service Line Inventory and no lead lines were found. The methods used to make that determination were visual inspections, water operator knowledge and archived records.

LEAD EDUCATIONAL STATEMENT

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 in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Stacy Dixon, Kipling Water Assn. at 601-751-2064. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

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	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measure	MCLG	MCL	Typical Source
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PWS ID# 0350002 System #1 Treatment Plant #1

INORGANIC CONTAMINANTS

Barium	No	2025	39.5-58.6	None	ppb	2000	2000	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Chromium	No	2025	0.5-0.6	None	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Lead	No	2023	5	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate	No	2025	195-215	None	ppb	10,000	10,000	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	No	2025	2.17-2.37	None	ppm	20	0	Road salt, water treatment chemicals, water softeners, and sewage effluents

Sodium. The EPA recommends that drinking water sodium not exceed 20 milligrams per liter. Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular diseases.

DISINFECTANTS & DISINFECTION BY-PRODUCTS

Chlorine	No	Jan-Dec	0.80	0.70 - 0.90	ppm	4	4	Water additive to control microbes
TTHM	No	2024	0.004	0.000-7.600	ppb	80	n/a	By-product of drinking water disinfection
HAA5	No	2024	0.000	0.000-01.350	ppb	60	n/a	By-product of drinking water disinfection

PWS ID# 0350019 System #3

Compliance with National Primary Drinking Water Regulations Monitoring Violations:

The Town of De Kalb is required to monitor their drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not their drinking water meets health standards. During 4/1/25 to 6/30/25, the Town of De Kalb did not monitor for Uranium and Chlorine. During 6/1/25 to 6/30/25, they did not monitor for E. Coli. and therefore, cannot be sure of the quality of their drinking water during that time. However, Kipling Water Assn. #3 did monitor for Chlorine weekly during April – June 2025 and did test for E Coli. for the month of June and found adequate chlorine residuals for our customers April – June and our June monthly samples tested negative for E Coli.

INORGANIC CONTAMINANTS

Arsenic*	No	2025	8.2	0-8.2	ppb	0	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production waste
Barium	No	2025	0.0853	0.0623-0.127	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Chromium	No	2025	1.07	0.6-1.9	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	No	2025	1.05	0-1.05	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and and aluminum factories
Selenium	No	2025	4.3	0-4.3	ppb	50	50	Discharge from petroleum and metal refineries;

								erosion of natural deposits; discharge from mines
Sodium*	No	2025	6080	None	ppb	20000	0	Road salt, water treatment chemicals, water softeners, and sewage effluents

*Arsenic. Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer. The Town of De Kalb meets the EPA arsenic drinking water standard. However, you should know that EPA's MCL for arsenic balances the scientific community's understanding of arsenic-related health effects and the cost of removing arsenic from drinking water. The highest concentration of arsenic found in 2025 was 8.2 ppb.

*Sodium. The EPA recommends that drinking water sodium not exceed 20 milligrams per liter. Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular diseases.

VOLATILE ORGANIC CONTAMINANTS

Xylenes	No	2025	0.0021	No range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
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DISINFECTANTS & DISINFECTION BY-PRODUCTS

Chlorine	No	Jan-Dec	0.80	0.30-1.00	ppm	4	4	Water additive to control microbes
TTHM	No	2025	2.46	No Range	ppb	80	n/a	By-product of drinking water disinfection
HAA5	No	2025	1.09	No Range	ppb	60	n/a	By-product of drinking water disinfection

PWS ID# 0350026 System #4-Gholson

INORGANIC CONTAMINANTS

Barium	No	2025	.0107	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Chromium	No	2025	0.9	No range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	No	2025	0.1	None	ppm	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate	No	2025	0.838	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	No	2025	2.15	None	ppm	20	0	Road salt, water treatment chemicals, water softeners, and sewage effluents

Sodium. The EPA recommends that drinking water sodium not exceed 20 milligrams per liter. Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular diseases.

DISINFECTANTS & DISINFECTANT BY-PRODUCTS

Chlorine	No	Jan-Dec	1.30	1.20-1.40	ppm	4	4	Water additive to control microbes
HAA5	No	2025	10.9	None	ppb	0	80	By-product of drinking water chlorination

If you have any questions about this report or concerning your water utility, please contact our certified water operator, Stacy Dixon, at 601-751-2064. Copies of this report will not be mailed out individually, but are available at the DeKalb office. **For routine business call the office at 601-751-2064 or, in case of emergencies, call 601-743-5800.**