2022 Drinking Water Quality Report

HIDE-A-WAY WATER SYSTEM

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Is my water safe?
Last year, as in years past, your tap water met all U. S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?
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 from their health care providers about drinking water concerns. EPA/Centers for Disease Control (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 (800-426-4791).

Where does my water come from?
Our water comes from three (3) wells (Well #2, Well #3, and Well #4) that draw ground water from the **Miocene Series Aquifer**.

Source water assessment and its availability:
Our source water assessment has been completed by the Mississippi State Department of Health. Copies will be made available upon request.

Why are there contaminants in my drinking water?
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.

How can I get involved?
Our board meets on the **second WEDNESDAY evening of every month. Meetings start at 6:30 p.m. at the Hide-A-Way Lake Club House.** We encourage all customers who have any concerns or questions to meet with us. Our association conducts its annual membership meeting on the third Saturday in July at 10:00 a.m. at the Hide-A-Way Lake Club House. This is a very important meeting in which all customers are encouraged to attend. If you have any questions or concerns, you may contact the HAWL Office during business hours (Monday – Friday, 8:00 am – 4:30 pm) at 601-798-1484 or by email at office@hawlms.net.

Other information:
You may want additional information about your drinking water. You may contact our certified waterworks operator or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following addresses: http://www.healthyms.com or https://pws.mswater.us. Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply may be obtained.

Water Quality Data Table

The following table 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 presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality may be more than one year old.

Total Coliform

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful bacteria may be present. All results showed all samples free of total coliform.

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. Hide-A-Way 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.

Terms and Abbreviations used in the Table of Test Results

MCLG: *Maximum Contaminant Level Goal* - 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.
MCL: *Maximum Contaminant Level* - 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.
AL: *Action Level* - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
ND: *Non-detect.*

TEST RESULTS						
Contaminant	**MCLG**	**MCL**	**Your Water**	**Sample Date**	**Violation Y/N**	**Likely Source of Contamination**
Inorganic Contaminants						
Antimony (ppm)						
Well #2	0.006	0.006	0.0005	10/10/22	NO	
Well #3	0.006	0.006	0.0005	10/10/22	NO	Discharge from petroleum refineries; fire
Well #4	0.006	0.006	0.0005	02/23/22	NO	retardants; ceramics; electronics; solder.
Arsenic (ppm)						
Well #2	0	0.010	0.0005	10/10/22	NO	Erosion of natural deposits; runoff from
Well #3	0	0.010	0.0005	10/10/22	NO	orchards; runoff from glass and electronics
Well #4	0	0.010	0.0005	02/23/22	NO	production wastes.
Barium (ppm)						
Well #2	2	2	0.0056	10/10/22	NO	Discharge of drilling waste; discharge
Well #3	2	2	0.0064	10/10/22	NO	from metal refineries; erosion of natural
Well #4	2	2	0.0076	02/23/22	NO	deposits.
Beryllium (ppm)						Discharge from metal refineries and coal-
Well #2	0.004	0.004	0.0005	10/10/22	NO	burning factories; discharge from
Well #3	0.004	0.004	0.0005	10/10/22	NO	electrical, aerospace, and defense
Well #4	0.004	0.004	0.0005	02/23/22	NO	industries.
Cadmium (ppm)						Corrosion of galvanized pipes; erosion of
Well #2	0.005	0.005	0.0005	10/10/22	NO	natural deposits; discharge from metal
Well #3	0.005	0.005	0.0005	10/10/22	NO	refineries; runoff from waste batteries and
Well #4	0.005	0.005	0.0005	02/23/22	NO	paints.
Chromium (ppm)						
Well #2	0.1	0.1	0.0005	10/10/22	NO	
Well #3	0.1	0.1	0.0005	10/10/22	NO	Discharge from steel and pulp mills;
Well #4	0.1	0.1	0.0005	02/23/22	NO	erosion of natural deposits.
Copper (mg/l)	1.3	AL = 1.3	0.1	01/01/18 – 12/31/20 (Triennial)	NO	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. 10 samples collected on 08/03/20.
Cyanide (ppm)						
Well #2	0.2	.2	0.015	08/30/22	NO	Discharge from steel/metal factories;
Well #3	0.2	.2	0.015	08/30/22	NO	discharge from plastic and fertilizer
Well #4	0.2	.2	0.015	11/07/22	NO	factories.
Fluoride (mg/l)						
Well #2	4.0	4.0	0.258	10/10/22	NO	
Well #3	4.0	4.0	0.262	10/10/22	NO	
Well #4	4.0	4.0	0.236	02/23/22	NO	No fluoride is added to water system.
Haloacetic Acids (ppb) (HAA5)						
Well #2, Well #3, and Well #4	N/A	60.0	10.6	06/13/22	NO	By-product of drinking water disinfection.
Lead (mg/l)	0	AL = .015	0.001	01/01/18 – 12/31/20 (Triennial)	NO	Corrosion of household plumbing systems, erosion of natural deposits. 10 samples collected on 08/04/20.
Mercury (inorganic) (ppm)						
Well #2	0.002	0.002	0.0005	10/10/22	NO	Erosion of natural deposits; discharge
Well #3	0.002	0.002	0.0005	10/10/22	NO	from refineries and factories; runoff from
Well #4	0.002	0.002	0.0005	02/23/22	NO	landfills; runoff from cropland.
Nitrate (as Nitrogen) (ppm)						
Well #2	10	10	0.08	03/07/22	NO	Runoff from fertilizer use; leaching from
Well #3	10	10	0.08	03/07/22	NO	septic tanks, sewerage; erosion of natural
Well #4	10	10	0.08	03/07/22	NO	deposits.
Nitrite (as Nitrogen) (ppm)						
Well #2	1	1	0.02	03/07/22	NO	Runoff from fertilizer use; leaching from
Well #3	1	1	0.02	03/07/22	NO	septic tanks, sewerage; erosion of natural
Well #4	1	1	0.02	03/07/22	NO	deposits.
Radium						
Well #4	5	5	0.5	01/16/18	NO	Radioactive metal that occurs naturally in trace amounts in rocks and soil.
Selenium (ppm)						
Well #2	0.05	0.05	0.0025	10/10/22	NO	Discharge from petroleum and metal
Well #3	0.05	0.05	0.0025	10/10/22	NO	refineries; erosion of natural deposits;
Well #4	0.05	0.05	0.0025	02/23/22	NO	discharge from mines.
Sodium (ppb)						
Well #2	N/A	250,000	73,000	09/16/19	NO	
Well #3	N/A	250,000	65,000	09/16/19	NO	Road salt, water treatment chemicals,
Well #4	N/A	250,000	64,000	09/16/19	NO	water softener, and sewage effluents.
Thallium (ppm)						
Well #2	0.002	0.002	0.0005	10/10/22	NO	Leaching from ore-processing sites;
Well #3	0.002	0.002	0.0005	10/10/22	NO	discharge from electronics, glass, and drug
Well #4	0.002	0.002	0.0005	02/23/22	NO	factories.
TTHM (Total trihalomethanes) (ppb)						
Well #2, Well #3, and Well #4	N/A	80.0	13.4	06/13/22	NO	By-product of drinking water disinfection.
Uranium						
Well #2, Well #3, and Well #4	0	30	0.5	10/11/21	NO	Erosion of natural deposits.
Disinfection By-Products						
Chlorine (mg/l)	4.0	4.0	1.50	01/01/22 – 12/31/22	NO	Water additive used to control microbes. MRDL range 1.10 MG/L to 2.00 MG/L.
Microbiological Contaminants	**MCLG**	**MCL**	**Your Water**	**Sample Date**	**Violation Y/N**	**Likely Source of Contamination**
# Total Coliform	0	>1	ND	Monthly	NO	Naturally present in the environment.

Units Description: (ppm): parts per million, or milligrams per liter (mg/l), (ppb): parts per billion, or micrograms per liter (µg/l), (pCi/l): picocuries per liter (a measure of radioactivity), % of monthly positive samples: Percent of samples taken monthly that were positive