

2021 CERTIFICATION

Consumer Confidence Report (CCR)

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MSDH-WATER SUPPLY
2022 JUN 21 PM 3:00

Chapel Hill-Pleasant Grove Water

PRINT Public Water System Name

0530018

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)

INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input checked="" type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	June 8, 2022
<input type="checkbox"/> On water bill (Attach copy of bill)	
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other (Describe: _____)	
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<input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	June 8, 2022
<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
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CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 – 155.

S. Demage Davis
Name

President
Title

6/21/2022
Date

SUBMISSION OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

2021 Annual Drinking Water Quality Report
 Chapel Hill-Pleasant Grove Water Association
 PWS#: 0530018
 May 2022

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 ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact S. Dewayne Davis 662.418.57332. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for the first Monday of October at 7:00 PM at the office located at 860 Cedar Lane, Crawford, MS 39743.

Our water source is from two wells drawing from the Gordo 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 Chapel Hill-Pleasant Grove Water Association have received lower susceptibility rankings to contamination.

We routinely monitor for contaminants 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, 2021. In cases where monitoring wasn't required in 2021, 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 contaminants. It's important to remember that the presence of these contaminants 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	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2019*	.0467	.0466 - .0467	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

14. Copper	N	2018/20	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.145	.144 - .145	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Sodium	N	2019*	32000	31000 - 32000	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products

Chlorine	N	2021	1	.6 - 1.3	ppm	0	MRDL = 4	Water additive used to control microbes
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* Most recent sample. No sample required for 2021.

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 contaminants 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 contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. 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 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. 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 microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Chapel Hill-Pleasant Grove Water Association 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.

AFFIDAVIT OF PUBLICATION


County of Oktibbeha, State of Mississippi

Mollie Moore, being duly sworn, says:


That she is Classified Clerk of the Starkville Daily News, a daily newspaper of general circulation, printed and published in Starkville, Oktibbeha County, Mississippi; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

PUBLICATION DATE(S):

June 8, 2022

 Mollie Moore, Clerk

Signed and sworn before me
on this 8th day of June, 2021.

 Lindsey Massie, Notary Public

My Commission expires: July 22, 2022.
Commission # 81933



2021 Annual Drinking Water Quality Report Chapel Hill-Pleasant Grove Water Association PWS#: 0530018 May 2022

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 your every day. Our greatest goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continuously improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact St. Dwayne Davis 682.411.5732. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for the first Monday of October at 7:00 PM at the office located at 800 Cedar Lane, Crawford, NC 28743.

Our water source is from two wells drawing from the Ocala Formation Aquifer. The overall acceptability assessment has been completed for our public water system to determine the overall acceptability of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the acceptability determination was made has been furnished to our public water system and is available for viewing upon request. The table for the Chapel Hill-Pleasant Grove Water Association have received lower acceptability rankings to contamination.

We routinely monitor for contaminants 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, 2021 in areas where monitoring was conducted in 2021. This table reflects the most recent results. As water travels over the surface of land or underground, it absorbs naturally occurring materials and, in some cases, man-made materials and can pick up substances or contaminants that may come from nearby treatment plants, septic systems, agricultural practices, and other sources. Some water quality issues may come from nearby treatment plants, septic systems, agricultural practices, and other sources. Some water quality issues may come from nearby treatment plants, septic systems, agricultural practices, and other sources. Some water quality issues may come from nearby treatment plants, septic systems, agricultural practices, and other sources.

Action Level - the concentration of a contaminant where a secondary 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 according to the MCLG in the table using the most available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The Goal MCL (G) 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.

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TABLE HEADLINE								
Contaminant	Violations (Y/N)	Date Detected	Level (ppm/ug/L)	Range of Detects (Maximum MCL)	Tap Sample Date	MCLG	MCL	Primary Source of Contamination
Inorganic Contaminants								
10. Nitrate	N	2019*	0.07	0.00 - 0.07	2019	0	10	Leachate or septic waste discharge from animal manure or animal wastes in contact with groundwater
14. Copper	N	2016/20*	-	0	2016	1.3	1.3	Industrial discharges from mining, leaching, fire smelters, etc.
16. Fluoride	N	2019*	0.06	0.00 - 0.06	2019	0	0	Excess of natural fluoride water soluble when available through flow fracture and dissolution of rock
19. Lead	N	2019*	0.000	0.000 - 0.000	2019	0	0	Water treatment chemicals, water distribution system pipe materials
Disinfection By Products								
Chlorine	N	202*	0	0 - 1	202*	0	0	Use as disinfectant and to control microbes

* Most recent sample. No sample reported for 2021.

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 contaminants have been detected however the EPA has determined that your water is safe to drink.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We do complete the monitoring requirements for bacteriological sampling that shows no coliform present in an effort to ensure systems complete all monitoring requirements. MCHM now utilizes systems of any drinking samples prior to the end of the compliance period.

Some people may be more vulnerable to contaminants in drinking water than the general population. Infants, compromised persons such as patients with cancer, developing immunotherapy, 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. Those people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lower the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be inorganic, organic, 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.

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