

2022 JUN 30 PM 3:01

# 2021 CERTIFICATION

Consumer Confidence Report (CCR)

Bryandale

PRINT Public Water System Name

0010010

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
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<input checked="" type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input checked="" type="checkbox"/> Posted online at the following address (Provide direct URL): <u>https://utilityservices.co/ccr/bryandale-ccr-2021/</u>	<u>2021/</u>

### 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.

Bryan Purvis  
Name

Asst Manager  
Title

6-20-22  
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](mailto:water.reports@msdh.ms.gov)

**BRYANDALE CCR**  
**Adams County, Mississippi**  
**Public Water Supply I.D. No. MS0010010**

**The Water We Drink** – Utility Services LLC is pleased to present our Annual Water Quality Report for the year 2021. This report is designed to inform you about the quality of your water and the services we deliver to you every day.

**Is My Water Safe?** Yes, Utility Services diligently safeguards its water supplies and although we did not complete the required monitoring for Nitrates (as shown below) and cannot be sure of the quality of your water at that time, all subsequent testing has shown that your tap water has met all US EPA & state drinking water standards.

**Do I need to take any 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 for 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 at (800) 426-4791.

**Where does my Water come from?** The water source for Bryandale is one (1) well located off Highway 84/98 which draws its water from the Lower Catahoula Formation.

**Source Water Assessment and its availability** - A Source Water Assessment Plan (SWAP) is available from the Mississippi State Department of Health for this system. This Plan is an assessment of a delineated area around our listed source through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources.

**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 (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production, and mining activities. In order to ensure that your tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

**How can I get involved?** In order to maintain a safe and dependable water supply, we sometimes need to make improvements that will benefit all our customers. If you have a particular question about your water supply, please contact Aaron Dorniney@855-340-0111.

**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. The Bryandale Water supply 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.

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. We did complete the monitoring requirements and found no Maximum Residual Disinfectant Level (MRDL) violations.

Residue	Sampling Period	Range (Low/High)	MCL RAA*	Units	RAA Date	RAA Your Water	Typical Source
Chlorine	Jan-Dec 2021	0.61 1.14	4.0	mg/L	2021	1.00	Water additive used to control microbes

\*RAA = Running Annual Average

The water system was tested a minimum of one (1) monthly sample in accordance with the Total Coliform Rule. During the monitoring period covered by this report, the following detections were noted: **There were NO positive bacteriological samples during the monitoring period of January 1st to December 31st, 2021.**

In the table below, we have shown the drinking water contaminants that were detected. The presence of contaminants does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing. The EPA or the State required us to monitor for certain contaminant less than once per year because the concentrations of these contaminants do not change frequently.

DBP Contaminants	Sample Date	MCL	Unit	Your Water	Violation	Typical Source
Trihalomethanes, Total (TTHM)	8/29/2017	80	ppb	34.5	No	By-product of drinking water disinfection
Haloacetic Acids, Total (HAA5)	7/19/2018	60	ppb	20.0	No	By-product of drinking water disinfection

**INORGANIC COMPOUNDS**

ID	ANALYTE NAME	METHOD	RESULT	MCL	DATE
1010	BARIUM	200.8	0.1083-.01787 PPM	2 PPM	2019
1020	CHROMIUM	200.8	0.0013-.0028PPM	0.1 PPM	2019
1025	FLUORIDE	300.0	0.126-0.238 PPM	4 PPM	2019

**UNREGULATED CONTAMINANTS**

ID	ANALYTE NAME	RESULT	DATE
	SODIUM	110000-150000PPB	2019

**NITRATES**

ID	ANALYTE NAME	METHOD	RESULT	MCL	DATE
1040	NITRATE	OC10107041C	0.17PPM	10 PPM	01/2019
1038	NITRATE-NITRATE	OC10107041C	0.17PPM	1 PPM	01/2019

**VOLATILE ORGANIC COMPOUND**

ID	ANALYTE NAME	METHOD	RESULT	MCL	DATE
2955	XYLENES, TOTAL	524.2	0.958-2.654PPB	10,000 PPB	2019

	DATE	MCL	UNIT	YOUR WATER	HEALTH EFFECTS	VIOLATION
LEAD	2021	15 MG/L	PPB	0.001 MG/L	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS	NO
COPPER	2021	1.3 MG/L	PPM	0.1 MG/L	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS; LEACHING OF FRO WOOD PRESERVATIVES	NO

Thank you for allowing us to continue to provide your family with clean, quality safe drinking water this year. In order to maintain a safe and dependable water supply, we sometimes need to make improvements that will benefit all of our customers. Please call our office if you have any questions.

We at UtilityServices, work around the clock to provide top quality drinking water to every tap of every customer of the Bryandale Water System. We ask that all our customers help us to protect and conserve our water sources, which are the heart of our community, our way of life, and our children's future.