2025 Annual Drinking Water Quality Report
City of Brandon
PWS ID#: 610003
June 2026

Mayor Butch Lee, the Board of Aldermen, and the City of Brandon Public Works Department are pleased to present the 2025 Annual Drinking Water Quality Report. This report is designed to inform you about the quality water and services delivered to you by the City of Brandon. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want our customers 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 our water and services and strive to keep our valued customers informed about the water services that we offer.

The City of Brandon currently has eleven operating wells, six tanks, and one standpipe. Our wells draw from the Sparta and Cockfield formation aquifers. Our system is required to adhere to all rules and regulations as set by State and Federal officials. This includes, but is not limited to, monthly bacteriological samples, routine inorganic sampling, continuous educational classes and certifications, and billing and collection.

The City of Brandon is pleased to report that our drinking water meets all federal and state requirements. We have learned through monitoring and testing that some constituents have been detected; however, the EPA has determined that your water is safe at these levels.

If you have any questions about this report or concerning your water services, please contact Carly Dearman, Public Works Operations Coordinator, at 601-824-4579, or by email at cdearman@brandonms.org.

The City of Brandon routinely monitors for various constituents in your drinking water according to Federal and State laws. **The table below shows the results of our monitoring for the period of January 1, 2025, to December 31, 2025.** As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. 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. Additional information regarding water quality standards and guidelines can be found by visiting www.EPA.gov or www.msdh.ms.gov.

In this table you will find many terms and abbreviations which might not be familiar to you. To help better understand these terms we have 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.

Contaminants – Any physical, chemical, biological, or radiological substance or matter in water.

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 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.

Unit of Measure - UOM

Contaminant	Violation	Collection Date	Highest Level Detected in Your Water	UOM	MCL or AL	Range of Results or # of Samples Exceeding MCL	Typical Source of Contamination
Antimony, Total	No	2025	<0.0005	ppm	0.006	No range	Discharge from petroleum refineries, fire retardants, ceramics, electronics
Arsenic	No	2025	0.0005	ppm	.010	<0.0005-0.0005	Erosion from natural deposits
Barium	No	2025	0.0028	ppm	2	0.0016-0.0028	Erosion of natural deposits
Beryllium, Total	No	2025	<0.0005	ppm	0.004	No range	Discharge from metal refineries
Cadmium	No	2025	<0.0005	ppm	0.005	No range	Corrosion of galvanized pipes
Cyanide	No	2025	<0.015	ppm	0.2	No range	
Chromium	No	2025	0.0028	ppm	0.1	0.0007-0.0028	
Fluoride	No	2025	0.164	ppm	4	0.1-0.164	
Mercury	No	2025	<0.0005	ppm	0.002	No range	Erosion of natural deposits
Selenium	No	2025	<0.0025	ppm	0.05	No range	Erosion of natural deposits
Thallium, Total	No	2025	<0.0005	ppm	0.002	No range	Discharge from ore-processing sites
VOLATILE ORGANIC COMPOUNDS							
1, 2, 4 Trichlorobenzene	No	2025	<0.5	ppb	70	No range	
CIS-1, 2 Dichloroethylene	No	2025	<0.5	ppb	70	No range	
Xylenes, Total	No	2025	<0.5	ppb	10000	No range	
Dichloromethane	No	2025	<0.5	ppb	5	No range	
O-Dichlorobenzene	No	2025	<0.5	ppb	600	No range	
P-Dichlorobenzene	No	2025	<0.5	ppb	75	No range	
Vinyl Chloride	No	2025	<0.5	ppb	2	No range	
1, 1 – Dichloroethane	No	2025	<0.5	ppb	7	No range	
Trans-1, 2 – Dichloroethylene	No	2025	<0.5	ppb	100	No range	
1, 2 – Dichloropropane	No	2025	<0.5	ppb	5	No range	
1, 1, 1 – Trichloroethane	No	2025	<0.5	ppb	200	No range	
Carbon Tetrachloride	No	2025	<0.5	ppb	5	No range	
1, 2 – Dichloropropane	No	2025	<0.5	ppb	5	No range	
Trichloroethylene	No	2025	<0.5	ppb	5	No range	
1, 1, 2 – Trichloroethane	No	2025	<0.5	ppb	5	No range	
Tetrachloroethylene	No	2025	<0.5	ppb	5	No range	
Chlorobenzene	No	2025	<0.5	ppb	100	No range	
Benzene	No	2025	<0.5	ppb	5	No range	
Toluene	No	2025	<0.5	ppb	1000	No range	
Ethylbenzene	No	2025	<0.5	ppb	700	No range	
Styrene	No	2025	<0.5	ppb	100	No range	

Contaminant	Violation	Collection Date	Highest Level Detected in Your Water	UOM	MCL or AL	Range of Results or # of Samples Exceeding MCL	Typical Source of Contamination
DISINFECTION BY-PRODUCTS							
Chlorine	No	2025	2.30	MG/L		0.90 MG/L to 3.80 MG/L	Water treatment
TTHM	No	2025	33.40	ppb		26.9-33.4	
HAA5	No	2025	16.7	ppb		11.1-16.7	
NITRATES							
Nitrate	No	2025	<0.08	ppm	10	10-10	
Nitrite	No	2025	<0.02	ppm	1	1-1	
Nitrate-Nitrite	No	2025	<0.1	ppm	10	10-10	
RAD							
Combined Uranium	No	2023	<0.5	ppb	30	No range	
RADIOLOGICAL CONTAMINANTS							
Copper	No	2025	0.3	mg/L	1.3	0.0279-0.296	Corrosion of household plumbing system; erosion of natural deposits; leaching from wood preservatives
Lead	No	2025	0.002	mg/L	0.015	<0.0005-0.0049	Corrosion of household plumbing systems; erosion of natural deposits
UNREGULATED CONTAMINANTS (UCMR5)							
Sodium	No	2023	139	ppm		80.3-139	
Lithium	No	2025	22.5	ug/l		<MRL-22.5	
PFBS	No	2025	<MRL	ug/l		<MRL	
PFHpA	No	2025	<MRL	ug/l		<MRL	
PFHxS	No	2025	<MRL	ug/l		<MRL	
PFNA	No	2025	<MRL	ug/l		<MRL	
PFOS	No	2025	<MRL	ug/l		<MRL	
PFOA	No	2025	<MRL	ug/l		<MRL	
PFDA	No	2025	<MRL	ug/l		<MRL	
PFDoA	No	2025	<MRL	ug/l		<MRL	
PFHxA	No	2025	<MRL	ug/l		<MRL	
PFTA	No	2025	<MRL	ug/l		<MRL	
PFTrDA	No	2025	<MRL	ug/l		<MRL	
PFUnA	No	2025	<MRL	ug/l		<MRL	
11Cl-PF3OUNS	No	2025	<MRL	ug/l		<MRL	
9Cl-PF3ONS	No	2025	<MRL	ug/l		<MRL	
ADONA	No	2025	<MRL	ug/l		<MRL	
HFPO-DA	No	2025	<MRL	ug/l		<MRL	
NEtFOSAA	No	2025	<MRL	ug/l		<MRL	
NMeFOSAA	No	2025	<MRL	ug/l		<MRL	
PFBA	No	2025	<MRL	ug/l		<MRL	
6:2FTS	No	2025	<MRL	ug/l		<MRL	
4:2FTS	No	2025	<MRL	ug/l		<MRL	
8:2FTS	No	2025	<MRL	ug/l		<MRL	
PFMPA	No	2025	<MRL	ug/l		<MRL	
PFPeA	No	2025	<MRL	ug/l		<MRL	
PFMBA	No	2025	<MRL	ug/l		<MRL	
PFEESA	No	2025	<MRL	ug/l		<MRL	
NFDHA	No	2025	<MRL	ug/l		<MRL	
PFPeS	No	2025	<MRL	ug/l		<MRL	
PFHpS	No	2025	<MRL	ug/l		<MRL	

In addition to the above contaminants, the City of Brandon has tested for additional contaminants which the State and EPA have set standards. We found no detectable levels of those chemicals.

Community Water Fluoridation

The City of Brandon's fluoridation system has been suspended/offline for more than 2 years. Therefore, no fluoridation samples were required or reported in the previous calendar year. The City of Brandon is currently working to determine whether fluoridation can be resumed in the system.

Unregulated Contaminants (UCMR5)

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

Boil Water Notices (BWN)

When the City of Brandon issues a water related notice, it is displayed on the MSDH website. Go to https://msdh.ms.gov/page/23,0,148.html for more information about current notices.

Lead Service Line Inventory

The City of Brandon has completed the Lead Service Line Inventory and no lead lines were found. The methods used to make that determination were plats, property records, and visual inspections through the 2018 Water Meter Project.

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. The City of Brandon is responsible for providing high quality drinking water and removing lead pipes 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 the 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 the City of Brandon. 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. The MS Public Health Laboratory (MPHL) can provide information on lead and copper testing and/or other laboratories certified to analyze lead and copper in drinking water. MPHL can be reached at 601-576-7582 (Jackson, MS).

CITY OFFICIALS

Mayor Butch Lee

Sharon Womack - Alderman-at-Large
Jarrad Craine - Alderman Ward 1
Cris Vinson - Alderman Ward 2
Harry Williams - Alderman Ward 3
Lu Coker - Alderman Ward 4
Jereme King - Alderman Ward 5
David Farris - Alderman Ward 6

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For all after hours and emergency Public Works issues, please call the main Public Works phone number at 601-824-4579. An on-call Public Works employee will be contacted to assist you.