


Fort Bend County MUD 2  
406 W. Grand Parkway S., Suite 260  
Katy, Texas 77494

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\*\*\*\* OR CURRENT RESIDENT \*\*\*\*



# FORT BEND COUNTY MUNICIPAL UTILITY DISTRICT NO. 2

## 2024

### Annual Drinking Water Quality Report

This annual Drinking Water Quality Report provides information on your District's drinking water. The United States Environmental Protection Agency (EPA) requires that all drinking water suppliers in the country provide a water quality report to their customers annually.

#### *En Espanol*

*Este reporte incluye informacion importante sobre el agua para tomar. Para asistencia en espanol, favor de llamar al telefono (281) 290-3107.*

#### **Public Participation Opportunities**

The Board of Directors of the District meet at 8:30 AM on the fourth Tuesday of each month at the Townwest Clubhouse at 10322 Old Towne.

You may mail comments to:

Fort Bend County Municipal Utility District No. 2

Attn: Board of Directors

406 W. Grand Parkway S, Suite 260, Katy, Texas 77494

Or Call: (281) 290-6500

## Our Drinking Water Meets All Federal (EPA) Drinking Water Requirements

This report is a summary of the quality of the water we provide our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required tests and is presented in the following pages. We hope this information helps you become more knowledgeable about what's in your drinking water.

### SPECIAL NOTICE

**You may be more vulnerable than the general population to certain microbial contaminants, such as *Cryptosporidium*, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer, those who have undergone organ transplants, those who are undergoing treatment with steroids, and people with HIV/AIDS or other immune system disorders can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline at (800) 426-4791.**

## Where Do We Get Our Water?

Our drinking water is obtained from groundwater and surface water sources. Our water comes from the Chicot aquifer and the Trinity River via the North Fort Bend Water Authority. TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system, please contact us.

## Lead Service Line Inventory Statement

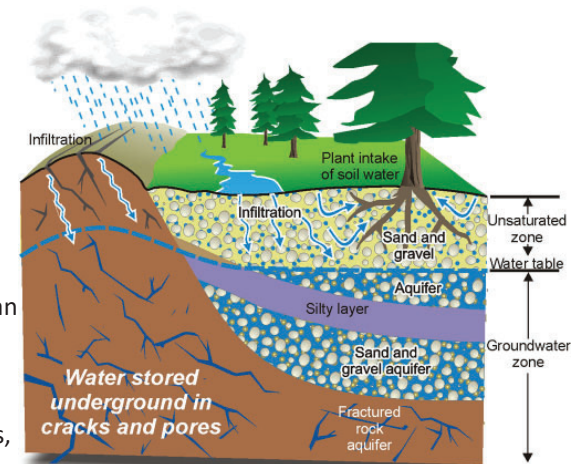
As part of the U.S. Environmental Protection Agency's (EPA) revised Lead and Copper Rule, Fort Bend County MUD 2 has completed a full inventory of service lines within our water distribution system, including both the public (utility-owned) and private (customer-owned) portions of each service connection.

Based on a thorough review of historical records, customer outreach, and material verification, no lead or galvanized service lines requiring replacement were identified on either the public or private side of our system, nor any unknown service lines were identified. All service lines are confirmed to be made of non-lead materials such as copper, plastic, or other EPA-approved materials.

Although no lead service lines were found, we remain proactive in maintaining accurate records and ensuring ongoing compliance with all regulatory requirements. If you have questions about your service line material, would like to view our inventory, or are interested in voluntary water testing, please contact us at [lcm@mdswater.com](mailto:lcm@mdswater.com) or by phone at 281-290-3170.

## Water Sources

The sources of drinking water (both tap and bottled water) 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. Contaminants that may be present in source water before treatment include: microbes, inorganic contaminants, pesticides, herbicides, organic chemical contaminants, and radioactive contaminants.



## All Drinking Water May Contain Contaminants

When drinking water meets federal standards there may not be any health based benefits to purchasing bottled water or point of use devices. 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 EPA's Safe Drinking Water Hotline (1-800-426-4791).



## Secondary Constituents

Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. The taste and odor constituents are called secondary constituents and are regulated by the State of Texas, not the EPA. These constituents are not causes for health concern. Therefore, secondaries are not required to be reported in this document, but they may greatly affect the appearance and taste of your water.

# Fort Bend County Municipal Utility District No. 2 Drinking Water Quality Report Results

PWSID: 0790038

## DISINFECTION RESIDUAL LEVELS

YEAR	Contaminant Unit of Measure)	Highest Average Level Detected	Range of detected levels	Violation	MRDL	MRDLG	Source of Contaminant
2024	Chloramines (ppm)	3.60	0.50 - 4.20	No	4	4	Disinfectant used to control microbes

## UNREGULATED CONTAMINANTS

YEAR	Contaminant (Unit of Measure)	Highest Level Detected at Entry Point	Highest Level Detected Surface Water (NFBWA)	Range of all Detected Levels
2023-2024	Bromodichloromethane (ppb)	11	10	6.6 - 11
2023-2024	Chloroform (ppb)	23	34	23 - 34
2023-2024	Dibromochloromethane (ppb)	3.1	1.7	1.2 - 3.1

## LEAD AND COPPER

YEAR	Contaminant (Unit of Measure)	90th Percentile	No. of site exceeding Action level	Violation	Action Level	Source of Contaminant
2022	Lead (ppb)	ND	0	No	15	Corrosion of household plumbing
2022	Copper (ppm)	0.054	0	No	1.3	Corrosion of household plumbing

### Required Additional Health Information for Lead

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 district 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 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 the district at 281-290-3107. 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>.

### Additional information concerning Unregulated Contaminants

Unregulated contaminants are those for which the 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 regulation is warranted.

## TURBIDITY

YEAR	Contaminant (Unit of Measure)	Highest Single Measurement	Lowest Monthly % of Samples Meeting Limits	Turbidity Limits	Source of Contaminant
2024	Turbidity (NTU)	0.28	100	0.3	Soil runoff

Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

In the water loss audit submitted to the Texas Water Development Board for the time period of January - December 2024, our system lost an estimated 5,652,895 gallons of water. If you have any questions about the water loss please call 281-290-3107.

## REGULATED ORGANIC CONTAMINANTS

YEAR	Contaminant (Unit of Measure)	Highest Level Detected at Entry Points	Highest Level Detected Surface Water (NFBWA)	Range of Detected Levels	Violation	MCL	MCLG	Source of Contaminant
2024	Atrazine (ppb)	0.12	0.17	0.15 - 0.17	No	3	3	Runoff from herbicide used on row crops
2024	Simazine (ppb)	0.09	0.12	0.07 - 0.12	No	4	4	Runoff from herbicide used on row crops
2020	Xylenes (ppb)	ND	0.5	ND - 0.5	No	10	10	Discharge from chemical factories



# Fort Bend County Municipal Utility District No. 2 Drinking Water Quality Report Results

PWSID: 0790038

## About the Tables

The following tables list all of the federally regulated or monitored contaminants which have been found in your drinking water. The U.S. EPA requires water systems to test for up to 97 contaminants. All contaminants detected in your water are below state and federal allowed levels. The State of Texas allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently.



### For More Information:

You may call (281)290-3107 to speak to a District representative about your Water Quality Report. You may also call the U.S. Environmental Protection Agency's Safe Drinking Water Hotline at 1(800) 426-4791.

Fort Bend County MUD 2 also received water from Fort Bend County MUD 119 from July 10, 2024 thru July 14, 2024 during severe weather. If you would like to receive water quality data for Fort Bend County MUD 119 please contact the District operator at 281-290-3107.

## REGULATED INORGANIC CONTAMINANTS

YEAR	Contaminant (Unit of Measure)	Highest Level Detected at Entry Point	Highest Level Detected Surface Water	Range of Detected Levels	Violation	MCL	MCLG	Source of Contaminant
2022-2024	Barium (ppm)	0.0688	0.0566	0.0465 - 0.0688	No	2	2	Erosion of natural deposits
2023-2024	Cyanide (ppb)	ND	200	ND - 200	No	200	200	Discharge from steel/metal factories; Discharge from plastic and fertilizer factories.
2023-2024	Fluoride (ppm)	0.27	0.22	0.20 - 0.27	No	4	4	Erosion of natural deposits
2024	Nitrate (ppm)	0.42	0.91	0.05 - 0.91	No	10	10	Erosion of natural deposits
2023	Thallium (ppb)	ND	0.280	ND - 0.280	No	2	0.5	Leaching from ore-processing sites
2023	Beta emitters (pCi/L)	4.4	5.3	4.4 - 5.3	No	50	0	Decay of natural and man made deposits
2023	Uranium (ug/L)	ND	ND	ND - 1.5	No	30	0	Erosion of natural deposits

## DISINFECTION BY-PRODUCT RESULTS

YEAR	Contaminant ( Unit of Measure)	Highest Average Level Detected	Range of detected levels	Violation	MCL	Source of Contaminant
2024	Total Haloacetic Acids (ppb)	33.2	1.1 - 44.9	No	60	Byproduct of drinking water disinfection
2024	Total Trihalomethanes (ppb)	41.15	7.5 - 47.3	No	80	Byproduct of drinking water disinfection

## Drinking Water Definitions and Units Description

NA: Not Applicable

ND: Not Detected

NR: Not Reported

pCi/L: picocuries per liter (a measure of radioactivity)

ppm: parts per million, or milligrams per liter (mg/L)

ppb: parts per billion, or micrograms per liter (ug/L)

MNR: Monitoring not required, but recommended

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to maximum contaminant level goals as feasible using the best available treatment technology.

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected health risk. MCLGs allow for a margin of safety.

MRDL: Maximum Residual Disinfection Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG: Maximum Residual Disinfection Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

NTU: Nephelometric Turbidity Units ( a measure of turbidity)

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an Escherichia coli (E. coli) maximum contaminant level (MCL) violation has occurred and/or why total coliform bacteria were found on multiple occasions.

