

# WTCMUD1 Unknown Service Lines FAQ

## **Will the MUD identify the unknown service lines?**

The EPA requires that unknown service lines be identified or replaced by November 1<sup>st</sup>, 2027. As it stands currently, the District is waiting on guidance from the TCEQ on how to go about identifying these service lines.

## **Will the MUD replace any service lines that are discovered to be lead?**

In the case that a service line is discovered to be lead, the district engineer will notify the board, and it is up to the board to determine if it should be replaced. If the board determines that it should be replaced, then the district engineer will oversee the replacement.

## **Will affected residents be provided with filtration options?**

The MUD currently has no plans to provide affected residents with filtration options. However, if you are wanting to install filtration in your home, make sure that it is certified to remove lead and that its cartridge is properly replaced when the time comes.

## **How can affected residents test their water for lead?**

Residents can test their water by taking a sample to an accredited laboratory, such as Integrity Testing in north Austin. You would collect the sample from a primary faucet, such as the kitchen sink. You would let the faucet sit for 6 to 8 hours overnight and collect the first liter of water that comes out of it. Make sure the water is set to cold and that no water spills. A video demonstrating this process is linked below:

[Collecting a Water Sample for Lead Testing](#)

This sample can then be taken to a laboratory, and they will contact you when they get the results. Integrity testing charges \$50 per sample, but the price can vary depending on which lab is chosen. Make sure to contact these laboratories before collecting a sample, in case the laboratory has a specific procedure. More information on Integrity testing can be found here:

[Integrity Testing - Home](#)

In addition to laboratory testing, residents can purchase water lead testing kits, but these kits will not be as accurate as a laboratory test.

## **How can residents find what materials are in their water distribution system?**

If you wish to determine the material of your service line, there is a step-by-step guide on the EPA's website that shows you how to test your piping with only a coin or key and a magnet. It is linked below:

[Protect Your Tap: A Quick Check for Lead | US EPA](#)

If you are unable to follow these steps because of lack of access, or if your results were inconclusive, it might interest you to test your water instead of trying to identify the material of your pipes.

## **What is the latest water quality report available for the WTCMUD1?**

The MUD conducted its most recent water quality report in 2023. All criteria measured were within compliance with EPA regulations. The lead quantities measured were much lower than the level in which the EPA takes action. The water quality report is attached to the end of this FAQ.

## **If a house was built during or after 1986, is it safe to assume that the service lines were not lead?**

If the house was built after the Safe Water Drinking Act Lead Ban was enacted on June 16<sup>th</sup>, 1986, it is safe to assume that the service lines were not built with lead.

# Williamson Travis Counties MUD No. 1

## 2023 Drinking Water Quality Report

DEAR CUSTOMER:

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

The sources of drinking water (both tap water and bottled water) generally 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.

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). Contaminants that may be present in the source water include:

1) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife 2) 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. 3) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses. 4) 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, urban storm water runoff, and septic systems. 5) Radioactive contaminants, which can be naturally- occurring or be the result of oil and gas production and mining production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the district's operator, Inframark.

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 provider. 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).

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. We are responsible for providing high quality drinking water, but we 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 source of drinking water used by Williamson Travis Counties MUD 1 is purchased water from the City of Cedar Park who is providing surface water from Brushy Creek Regional Utility Authority that comes from Lake Travis.

TCEQ completed a Source Water Susceptibility for all drinking water systems that own their sources. This report describes the susceptibility and types of constituents that may come into contact with the drinking water source based on human activities and natural conditions. The system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system contact Makenzi Scales, Inframark, at (512-457-1166).

For more information about your sources of water, please refer to the Source Water Assessment Viewer available at the following: <http://www.tceq.texas.gov/gis/swaview>

Further details about sources and source water assessments are available in Drinking Water Watch at the following URL: <http://dww2.tceq.texas.gov/DWWW/>

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 required to be reported in this document but they may greatly affect the appearance and taste of your water. The pages that follow 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.

When drinking water meets federal standards there may not be any health based benefits to purchasing bottled water or point of use devices.

Public input concerning the water system may be made at regularly scheduled meetings, generally held at 6:30 PM on the 3rd Wednesday of the month at 1000 Old Mill Road, Cedar Park, TX 78613. You may also contact Makenzi Scales, Inframark, at 512-457-1166 with any concerns or questions you may have regarding this report.

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al tel. (281) 579-4500.

Definitions & Abbreviations:

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

AVG: Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 assessment: 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: Very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

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

Maximum Contaminant Level Goal (MCLG): 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 disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of 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.

MFL: Million Fibers per Liter (a measure of asbestos).

Mrem: millirems per year (a measure of radiation absorbed by the body).

N/A: Not applicable.

NTU: Nephelometric Turbidity Units (a measure of turbidity).

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

ppb: micrograms per liter or parts per billion.

ppm: milligrams per liter or parts per million.

ppq: Parts per quadrillion, or picograms per liter (pg/L).

ppt: Parts per trillion, or nanograms per liter (ng/L).

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Substance	Unit of Measure	Year	MCL	Average Level Detected	Min - Max Level Detected	MCLG	In Compliance	Typical Sources
<b>Inorganic Contaminants (Regulated at the Water Plant)</b>								
Nitrate	ppm	2023	10	0.1	0.1 - 0.1	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
<b>Disinfectant Byproducts</b>								
Haloacetic Acids (HAA5)	ppb	2023	60	14.8	12.7 - 17.1	N/A	Yes	By-product of drinking water disinfection.
Total Trihalomethanes	ppb	2023	80	45.9	38.7 - 54.1	N/A	Yes	By-product of drinking water disinfection.

Substance	Unit of Measure	Year	MRDL	Average Level Detected	Min - Max Level Detected	MRDLG	In Compliance	Typical Sources
<b>Maximum Residual Disinfectant Level</b>								
Chlorine Residual	ppm	2023	4.0	3.31	3.07 - 3.56	4.0	Yes	Water additive used to control microbes.

Substance	Unit of Measure	Year	90th % Value	EPA Action Level	Results above Action Level	MCLG	In Compliance	Typical Sources
<b>Lead and Copper (Regulated at Customers Tap)</b>								
Copper	ppm	2021	0.29	1.3	0	1.3	Yes	Corrosion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives.
Lead	ppb	2021	1.9	15	0	0	Yes	Corrosion of household plumbing systems; erosion of natural deposits.

Violations	
Violation Type	Duration
Haloacetic Acids (HAA5) Monitoring, Routine (DBP), Major	10/01/2023 - 12/31/2023
<b>Health Effects</b>	
Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.	
<b>Explanation</b>	
We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	
<b>Steps to Correct</b>	
The samples were collected as required however a past due lab invoice prevented the results being sent to TCEQ by the due date. The lab invoice has been paid and results have been reported to TCEQ.	
Violation Type	Duration
Total Trihalomethanes (TTHM) Monitoring, Routine (DBP), Major	10/01/2023 - 12/31/2023
<b>Health Effects</b>	
Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.	
<b>Explanation</b>	
MONITORING, ROUTINE (DBP), MAJOR 10/01/2023 12/31/2023 We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	
<b>Steps to Correct</b>	
The samples were collected as required however a past due lab invoice prevented the results being sent to TCEQ by the due date. The lab invoice has been paid and results have been reported to TCEQ.	

Our Water Supply System Received Water From  
City of Cedar Park  
Water Quality Results are Listed Below

Substance	Unit of Measure	Year	MCL	Average Level Detected	Min - Max Level Detected	MCLG	In Compliance	Typical Sources
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**Radioactive Contaminants (Regulated at the Water Plant)**

Gross Beta	pCi/L	2023	50	4.6	4.6 - 4.6	0	Yes	Decay of natural and man-made deposits.
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**Unregulated Contaminants**

Bromodichloromethane	ppb	2023	N/A	7.1	7.1 - 7.1	N/A	Yes	By-product of drinking water disinfection.
Bromoform	ppb	2023	N/A	2.9	2.9 - 2.9	N/A	Yes	By-product of drinking water disinfection.
Chloroform	ppb	2023	N/A	12.0	12 - 12	N/A	Yes	By-product of drinking water disinfection.
Dibromochloromethane	ppb	2023	N/A	7.8	7.8 - 7.8	N/A	Yes	By-product of drinking water disinfection.

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 regulation is warranted.

**Inorganic Contaminants (Regulated at the Water Plant)**

Arsenic	ppb	2023	10	2.0	2 - 2	0	Yes	Erosion of natural deposits; runoff from orchards; runoff from glass, and electronics production wastes.
Barium	ppm	2023	2	0.07	0.07 - 0.07	2	Yes	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride	ppm	2023	4	0.75	0.75 - 0.75	4	Yes	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate	ppm	2023	10	0.14	0.07 - 0.24	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

**Turbidity**

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.

	Level Detected	Limit (Treatment Technique)	Violation	Likely Source of Contamination
<b>Highest single measurement</b>	0.41 NTU	1 NTU	No	Soil runoff.
<b>Lowest monthly % meeting limit</b>	100%	0.3 NTU	No	Soil runoff.

Our Water Supply System Received Water From  
Brushy Creek Regional Utility Authority  
Water Quality Results are Listed Below

Substance	Unit of Measure	Year	MCL	Average Level Detected	Min - Max Level Detected	MCLG	In Compliance	Typical Sources
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**Unregulated Contaminants**

Bromodichloromethane	ppb	2023	N/A	5.7	5.7 - 5.7	N/A	Yes	By-product of drinking water disinfection.
Bromoform	ppb	2023	N/A	5.8	5.8 - 5.8	N/A	Yes	By-product of drinking water disinfection.
Chloroform	ppb	2023	N/A	1.8	1.8 - 1.8	N/A	Yes	By-product of drinking water disinfection.
Dibromochloromethane	ppb	2023	N/A	8.8	8.8 - 8.8	N/A	Yes	By-product of drinking water disinfection.

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 regulation is warranted.

**Inorganic Contaminants (Regulated at the Water Plant)**

Barium	ppm	2023	2	0.06	0.06 - 0.06	2	Yes	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Cyanide	ppb	2023	200	50.0	50 - 50	200	Yes	Discharge from plastic and fertilizer factories; discharge from steel/metal factories.
Fluoride	ppm	2023	4	0.56	0.56 - 0.56	4	Yes	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate	ppm	2023	10	0.11	0.05 - 0.16	10	Yes	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

**Turbidity**

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.

	Level Detected	Limit (Treatment Technique)	Violation	Likely Source of Contamination
<b>Highest single measurement</b>	0.08 NTU	1 NTU	No	Soil runoff.
<b>Lowest monthly % meeting limit</b>	100%	0.3 NTU	No	Soil runoff.

\* All levels detected were below the MCLs.