# Water Quality Report

Discover the results of Whole Communities-Whole Health's latest water testing endeavors in your house and neighborhood. By prioritizing water quality, we foster a healthier environment and a more resilient community.

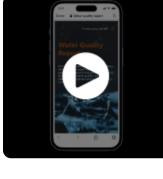


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## (Jpr

## Clickable report

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## **Test Results Overview**

## (A) Your water quality



## **WCWH Spot Test Results**

Date of water sample: 10/04/2024

## In acceptable range

- (v) In agreement with your Utility Company Report View your water utility's annual report
- Aligns with the WCWH average
- measurements in your area Meets the standards established by
- the Texas Commission on Environmental Quality. Since the tests we did were within the

governmental standards (v) You don't need to take any action right

## WCWH test is based on 8 parameters:

Disinfectant: Free chlorine OR

Chloramine Lead Nitrate

Parameters' snapshots

- Nitrite
- Ammonia
- Bacteria (E. Coli)
  - Turbidity
- pH
- In normal range

Out of normal range

No regulated standard

### This report does not show the complete picture of your water quality

(!) Importance Note

#### contaminants. Whole Communities-Whole Health tests for 9 contaminants in drinking water because of time and cost.

The EPA has legal limits for over 90

We encourage you to learn more information about the contaminants on: Drinking Water Regulations by US EPA

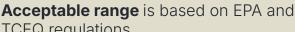
Water quality is always changing These results show the water quality at the time we took your samples. Your water quality may

change over time.

Glossary

2 **Detailed Test Results** 





### TCEQ regulations Outdoor water quality measures are

based on the samples that were collected outside your home reflect the quality of the

provides to your home at the time the sample was taken. Indoor water quality measures are based

water that the water utility company

on additional samples from inside your home to compare the water from your indoor tap to the water provided by the water utility.

By examining both samples, we can better understand how water usage in your home, as well as your plumbing and filtration system (if any), impact your household's water quality.

Average community level measures are based on all samples taken by WCWH from the community, including more than 100 samples from a total of 33 homes from Bastrop County, Hays County, and Travis

County. Met governmental standards refers to whether the measures meet the Texas

Commission on Environmental Quality

## (A) WCWH results of 9 measures



## i) Notice

Except for Lead, parameters are not tested in a certified lab

## Date of water sample

10/04/2024

## How to read your results

mg: milligram L: liter μg: microgram

Nephelometric: Turbidity Unit



#### Disinfectant: Free chlorine OR **Chloramine**

Acceptable range

Out of acceptable range

## **Outdoor**





## Indoor



Your kitchen tap



tap 0.97



### 1.31



## Potential source and meaning

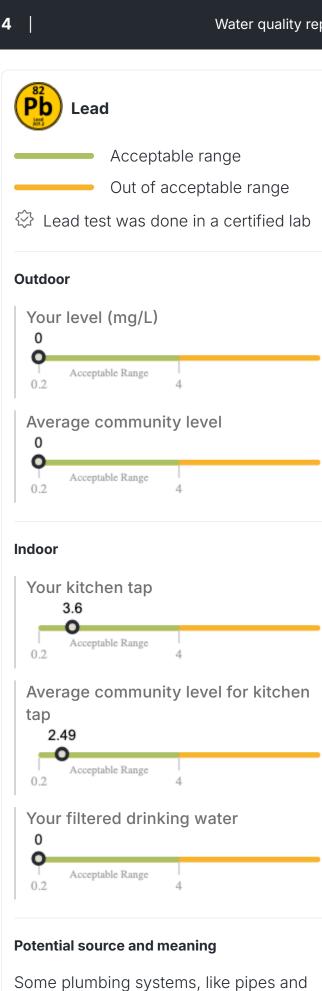
Disinfectant is added at the treatment plant to control the growth of bacteria and viruses in the water. It helps ensure that the water reaching your house is safe to drink. Low levels of disinfectant should be

present in the water to maintain its safety. Why should you care A certain amount of disinfectant is needed when the water enters your home. This helps make sure no harmful bacteria

grows between the treatment plant and

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your home.



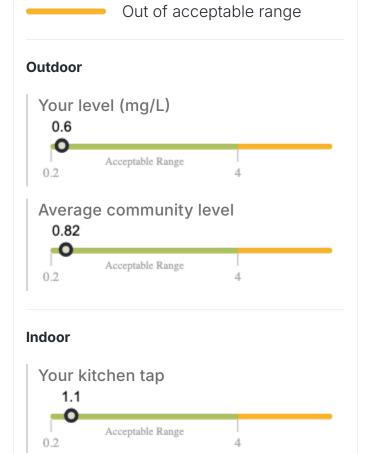
### fixtures, are made of lead. When these

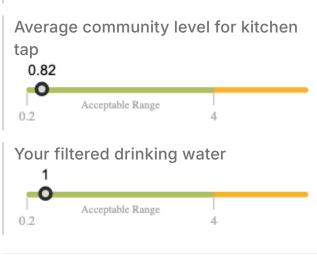
corrode, they can increase the levels of lead in drinking water. Why should you care High lead levels can cause harmful health

#### effects, especially for pregnant women and young children.

**Nitrate** 

Acceptable range





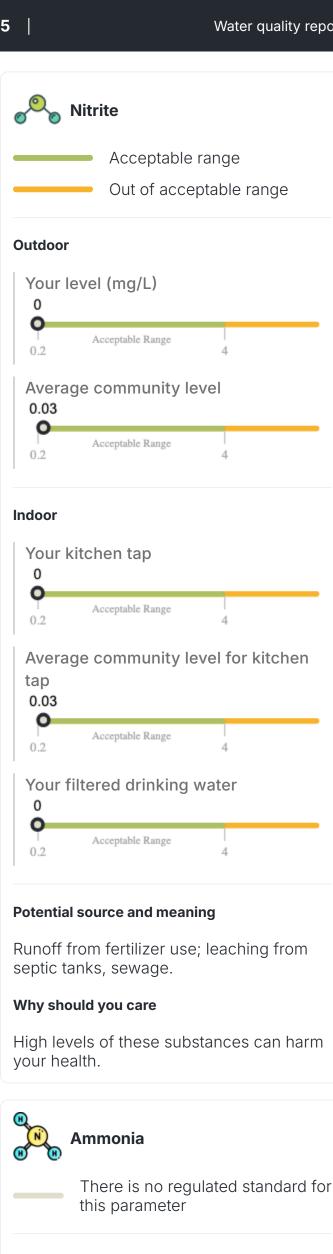
Potential source and meaning

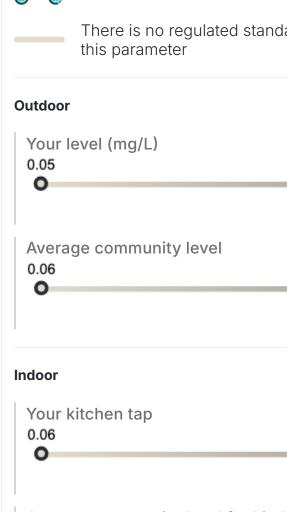
## Runoff from fertilizer use; leaching from

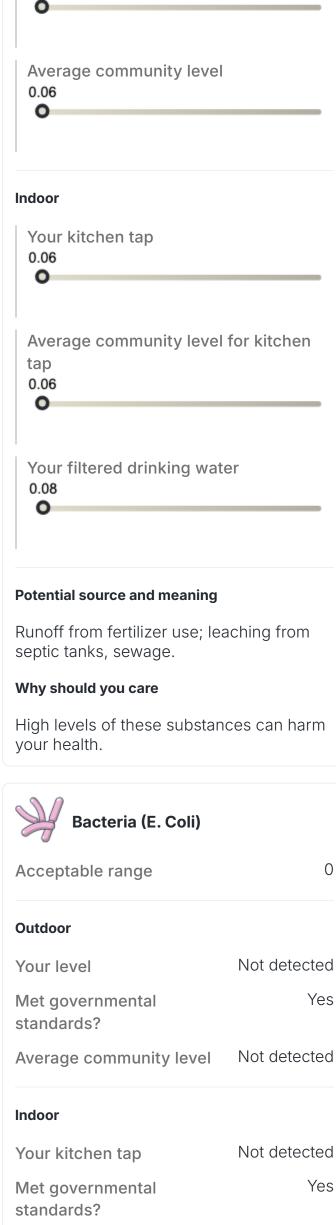
septic tanks, sewage.

Why should you care High levels of these substances can harm

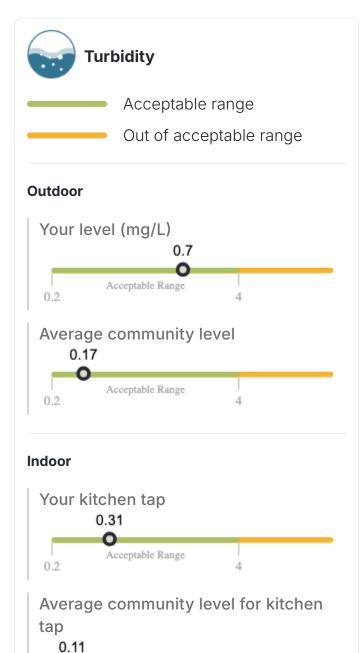
your health.







Potential source and meaning	
Runoff from fertilizer use; lea septic tanks, sewage.	ching from
Why should you care	
High levels of these substant your health.	ces can harm
Bacteria (E. Coli)	
Acceptable range	0
Outdoor	
Your level	Not detected
Met governmental standards?	Yes
Average community level	Not detected
Indoor	
Your kitchen tap	Not detected
Met governmental standards?	Yes
Average community levels for kitchen tap	Not detected
Filtered drinking water	Not detected
Potential source and meaning	
E. coli is a sign that there mig contamination. This means the waste or sewage in the water be dangerous for your health	nere could be r, which can
Why should you care	



## how clear or cloudy the water appears.

Potential source and meaning

Acceptable Range

Your filtered drinking water

Acceptable Range

0.4

4

4

0

0.2

0.2

High turbidity will give water a cloudy appearance. This does not mean the water is unsafe necessarily, but could indicate

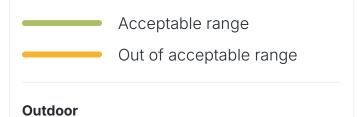
the water has become contaminated.

Turbidity refers to the clarity of water and the presence of particles in it. It measures

### \_\_\_\_

Your level (mg/L)

Why should you care



8.99

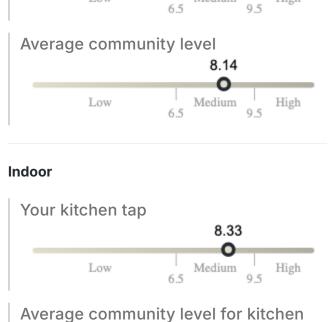
Medium

7.76

Medium

High

tap



Potential source and meaning

pH is a scale from 0 to 14 that shows how acidic or basic your water is. Water with a

pH below 6.5 is acidic. In Travis County,

Your filtered drinking water

## Water is safe to drink if its pH is between 6.5 and 9.5. Water close to this range can

the water is usually more basic.

Why should you care

quality problems.

Your Water Utility's
Annual Report

still be safe, but it might indicate water

Did you know your water utility company issues a yearly water quality report? You can click on the text in the orange button to get your water utility's water quality report. This report shows that your water utility has met the government's required water quality standards. The report is based on samples

collected throughout the area in 2022.

View your Annual Report here

- 3

## **Concerns and** questions

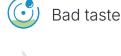
## Stay aware of your water quality

quality because it can change over time. Look out for these signs of potential problems:

It's important to stay aware of your water



Bad taste



Bad smell



or visible particles Hardness

Cloudy water







## If you are worried about the safety of your

drinking water, there are some temporary actions you can take while your water is being checked. **Drink bottled water** 

#### Bottled water is usually regulated and must meet



quality standards set by government agencies. Know more about commercially bottled water

Use a water filter

You can install filters where water enters your home or

#### where you use it. They can



remove contaminants like iron, lead, and sulfur, and also improve the taste of your water. Choosing Home Water Filters & Other Water Treatment Systems | CDC

🖫 Report your concern If you have concerns about water quality...



## **Environmental Quality (TCEQ)** TCEQ has set standards for drinking water

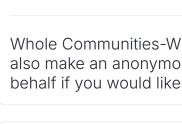
quality If you have concerns, you can report the

and contact information.

problem anonymously or leave your name

Online Report Portal **3** 512-339-2929

available

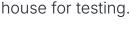


**TCEQ** 

Whole Communities-Whole Health can also make an anonymous report on your

Anonymous report

Contact your water utility



## Official Website

If you think your water has major

problems, contact your water utility. They will collect a water sample from your



**WSC** 

- Oreedmoor Maha Water
  - Supply Corp 13709 Schriber

**→** (512) 243-2113

Road Buda, TX 78610

Whole Communities-Whole Health can also make an anonymous report on your

behalf if you would like



## Contact WCWH

As a participant in the WCWH study, our doors are always open for you. Don't hesitate to contact us with any questions or concerns about your water quality report.

wcwhcommunity@austin.utexas.edu

**3** 512-284-3168

## **WCWH** app We may not be able to respond right away,

but these reports will be useful if we

Report any water quality issues in the

discuss results with water utility companies and the TCEQ (Texas Commission on Environmental Quality).

Talk to your neighbors in the WCWH

### Talk to your neighbors to see if they have similar concerns.

Learn About Your

**- 4** -

## Report ិធិ The test is a spot check



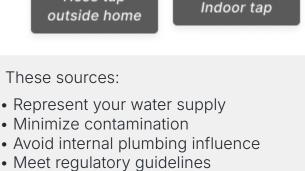
### Samples were collected from: Hose tap immediately outside your home

Kitchen faucet inside your home after

Hose tap

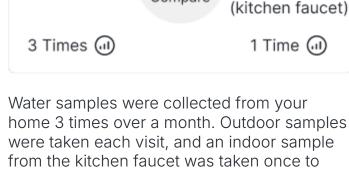
after flushing the line

- flushing the line.



Outdoor

- WCWH sampling scope
- Sampling within one month 30



compare with the outdoor samples.

Through this way, we provide a more

complete picture than a single sample, which is important because contaminant levels can change due to various factors like: Seasonal variations in rain or runoff.

operations.

more than

Water samples

Changes in water treatment plant

150

Random events like pipe repairs.

As of June 2024, we have collected:

Bastrop

Hays

**Homes** Travis Counties

Indoor

total

38

l

## **Distribution of WCWH** water samples by utility and water source

The figures below show the distribution of homes samples by their water utility and where those utilities source their water.

### **Water Utilities**



- Austin Water
- SouthWest Water Company
   Goforth
- Aqua Water Suply Corporation
   Manville
- Creedmoor Water Sources

### Sampled by utilities





## quality" mean? Water quality means the condition of the water based on its chemical, physical, and

What does "water

biological properties. It tells us if the water is good for a specific purpose. For example, the quality of water that

water utilities supply to households should be better than the quality of the water in lakes and streams.

The Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA) have set standards for drinking water quality. All water treatment

plants in the country must meet these standards. These standards ensure that the water provided to households is treated to

remove bacteria and other pollutants. Water utilities must treat drinking water to

make it safe for household use.

# What can affect the water quality in your home?

Several factors can influence the quality of the drinking water supplied to your home. These factors include:

#### Source of water

The water in your home typically comes from a lake, river, or groundwater source.



### Treatment process

The way the water is treated at the treatment plant before it reaches your home can affect its quality.



## Drinking water distribution system

The network of pipes that carry water to your home can have an impact on its quality.



## Home plumbing and filtration systems

The plumbing in your home and any installed water filtration systems can influence the water quality.



#### Water usage

The quality of the water in your home can vary based on the amount of water you use and the timing of when you use it.



# Why is WCWH testing water quality?

In our study, WCWH participants expressed a desire to know more about the quality of the water in their homes.

We aim to gather information about the water quality in homes across the county and understand how it varies among different water utilities in the area.

