

WATER QUALITY REPORT

2025



HOUSTON
PUBLIC WORKS

Houston Water Quality Report | Jan - Dec 2025

The U.S. Environmental Protection Agency (EPA) requires that all drinking water suppliers provide a Drinking Water Quality Report to their customers on an annual basis.

This annual water quality report includes important information regarding drinking water. For assistance in English, please call 311.

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al 311.

Bảng Báo Cáo Chất Lượng Nước hàng năm này cung cấp thông tin về nước uống. Để được trợ giúp bằng tiếng Việt, xin vui lòng gọi số 311.

Ce rapport annuel sur la Qualité de l'Eau fournit des informations sur l'eau potable. Pour de l'assistance en français, appelez le 311.

تقرير جودة المياه يحتوي على معلومات تخص مياه الشرب. للمساعدة باللغة العربية، الرجاء الاتصال ب 311

這份「水質年度報告」提供飲用水方面的資訊。如需中文協助，請撥 311



Delivering Safe, Reliable Drinking Water Every Day

Providing safe, high-quality drinking water is the City of Houston's highest priority. Every day, dedicated water professionals work around the clock to protect public health and ensure customers receive drinking water that meets or exceeds all state and federal regulatory standards. The City of Houston's drinking water systems are consistently recognized by the Texas Commission on Environmental Quality (TCEQ) as a "**Superior Water Supply System**," the highest rating awarded to a public water utility in Texas.

A Commitment to Public Health and Transparency

Houston Water's mission is to protect public health by operating and maintaining drinking water systems in full compliance with local, state, and federal regulations. We are committed to integrity, transparency, innovation, and continuous improvement through education, training, scientific analysis, and operational excellence. Over 1,500 highly trained professionals: engineers, scientists, laboratory specialists, operators, and maintenance personnel support Houston's drinking water and wastewater systems each day. Many employees maintain professional licenses and certifications issued by the Texas Commission on Environmental Quality, the Texas Board of Professional Engineers and Land Surveyors, and other regulatory and public health agencies.

Advanced Treatment and Reliable Infrastructure

Houston Water operates an extensive regional drinking water system that serves approximately 5.5 million people across more than 650 square miles. Houston produces drinking water from a combination of water sources, including surface water (Trinity River/Lake Livingston and San Jacinto River/ Lake Conroe & Lake Houston) and groundwater (Chicot and Evangeline aquifers), and is treated/disinfected prior to being distributed to customers. Houston Water produces and distributes approximately 500 million gallons of drinking water daily through a water pipeline distribution network covering more than 7,000 miles. This critical infrastructure supports homes, schools, hospitals, and businesses throughout the region every day.

Special Notice

Some people may be more vulnerable to contaminants in drinking water than the general population.

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 concerns with taste, odor or color of drinking water, contact 311 or email waterquality@houstontx.gov.

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 from 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 microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Sources of Drinking Water

The sources of drinking water nationwide (both tap water 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 can be polluted by animals or human activity.

All drinking water may contain contaminants

In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration establishes limits for contaminants in bottled water that must provide the same protection for public health.

Continued next page

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 EPA's Safe Drinking Water Hotline (800.426.4791).

Contaminants that may be present in source water include:

- **Microbial Contaminants** – such as viruses and bacteria, which 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 stormwater 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 stormwater runoff, and residential uses.
- **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 stormwater runoff, and septic systems.
- **Radioactive Contaminants** – which can be naturally-occurring or be the result of oil and gas production and mining activities.

Arsenic

While Houston's drinking water meets the EPA's standard for arsenic, it does contain low levels of arsenic. The EPA's standard balances arsenic's possible health effects against the costs of removing it from drinking water. The EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. The City of Houston is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter certified by an American National Standards Institute-accredited certifier to reduce lead is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry, or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water, email the City of Houston at LCR.Program@houston.tx.gov. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at: www.epa.gov/safewater/lead.

Houston Water is conducting a survey to offer free water testing for qualified homes that may have lead and copper pipes. Determine if you qualify for free lead and copper tap water testing at:

www.surveymonkey.com/r/leadcopper.

Lead Service Line Inventory

Under the EPA's Lead and Copper Rule Revisions (LCRR), utilities must create an inventory of all the drinking water service lines in their system. The City of Houston (City) is performing an inventory of water service lines in each of its six water distribution systems. This inventory will identify the material of your water service line, including whether it contains lead.

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How do I Check my Water Service Line Material?

Scan the QR code to the left or visit www.bit.ly/HouLCRRMap to view our inventory map and see if the City has information on your water service line material. If the material is listed as unknown, please follow the steps on the webpage to self-report your water service line material with photos.

Customers are highly encouraged to self-report the material of their service line, although this is not mandatory.

Unregulated Contaminants

Unregulated contaminants do not have EPA-established drinking water standards. The purpose of monitoring these contaminants is to assist the EPA in determining if future regulations are warranted. The sixth round of the Unregulated Contaminant Monitoring Rule (UCMR) sampling will begin in 2027. For more information, visit: www.epa.gov/dwucmr. For UCMR results visit:

www.houstonpublicworks.org/unregulated-contaminant-monitoring-rule-ucmr.

Water Loss

The Infrastructure Leak Index (ILI) measures the efficiency of water loss control efforts. It is calculated by taking the real losses (water lost due to leaks) and dividing them by the unavoidable real losses, the theoretical level of minimum leakage calculated by American Water Works Association Standards. Houston Water's ILI is based on the combination of all six community public water systems. In 2025, Houston Water's ILI was 9.71.*

Public Participation

There are many opportunities for public participation. Information on Houston City Council meetings is available at www.houstontx.gov/citysec.

To access the water service line inventory map, go to: www.bit.ly/HouLCRRMap to view your results, or follow the steps to self-report your water service line material with photos if your service line material type is listed as Unknown.

To find out more about Houston Water Education & Outreach, visit www.houstonpublicworks.org/waterconservation or www.houstonpublicworks.org/protect-our-pipes.

To participate in a survey to offer free lead and copper water testing for qualified homes that may have lead and copper pipes, please complete the brief survey at: www.surveymonkey.com/r/leadcopper.

Contact Us

Questions about this report or your water quality? Please email waterquality@houstontx.gov or call 311 (713.837.0311) and ask to speak with a member of the Water Quality team.

**Historical water loss estimates were developed using the best available data and methodologies at the time of reporting. As data collection, system monitoring, and reporting practices continue to improve, year-to-year comparisons should be interpreted with caution, as differences may reflect both changes in system performance and enhancements to data quality and reporting accuracy.*

Certain historical reporting periods were affected by legacy billing and data management practices. During implementation of the City of Houston's 2024 Water Bill Improvement Program, some customers were billed using predetermined consumption values as part of the transition to improved billing processes. In addition, improper actions by a former employee contributed to inaccuracies in reported water leak data. Corrective actions and enhanced internal controls have been implemented to improve data reliability.

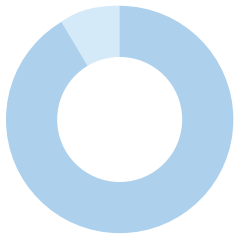
Houston Public Works (HPW) may refine historical estimates as additional information becomes available or improved methodologies are adopted. To support the accuracy, consistency, and transparency of future reporting, HPW has engaged an independent third-party consultant to review and validate its water loss accounting processes and methodologies.

DEFINITIONS AND ABBREVIATIONS

6:2 FTS	1H,1H, 2H, 2H-perfluorooctane sulfonic acid
AL	Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
HAA5	Dibromoacetic acid, dichloroacetic acid, monobromoacetic acid, monochloroacetic acid, trichloroacetic acid
HAA6Br	Bromochloroacetic acid, bromodichloroacetic acid, dibromoacetic acid, dibromochloroacetic acid, monobromoacetic acid, tribromoacetic acid
HAA9	Bromochloroacetic acid, bromodichloroacetic acid, chlorodibromoacetic acid, dibromoacetic acid, dichloroacetic acid, monobromoacetic acid, monochloroacetic acid, tribromoacetic acid, trichloroacetic acid
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 were found.
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.
Lithium	Naturally occurring metal that may concentrate in brine waters; lithium salts are used as pharmaceuticals, used in electrochemical cells, batteries, and in organic syntheses
LRAA	Locational Running Annual Average - average of results taken at specific monitoring location during previous four quarters
MCL	Maximum Contaminant Level - highest level of a contaminant allowed. MCLs are set as close to MCLGs using best available treatment technology
MCLG	Maximum Contaminant Level Goal - 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
MRDL	Maximum Residual Disinfectant Level - 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 Disinfectant Level Goal - level of drinking water disinfectant below known or expected health risk. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants
NA	Not Applicable
ND	Not Detected
NTU	Nephelometric Turbidity Units (a measure of turbidity)
pCi/L	Pico Curies per liter (measure of radioactivity)
PFBA	Perfluorobutanoic acid
PFHxA	Perfluorohexanoic acid
PFPeA	Perfluoropentanoic acid
ppb	Parts Per Billion or Micrograms Per Liter ($\mu\text{g/L}$)
ppm	Parts Per Million or Milligrams Per Liter (mg/L)
SMCL	Secondary Maximum Contaminant Limit - National Secondary Drinking Water Standards are non-enforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects in drinking water. The EPA recommends secondary standards but does not require systems to comply with limits
TT	Treatment Technique - required process intended to reduce the level of a contaminant in drinking water
Turbidity	A measure of clarity of drinking water

Main System | TX1010013

Groundwater
9.7%



Surface Water
90.3%



SURFACE WATER SOURCE

San Jacinto River (Lake Conroe & Lake Houston) Trinity River (Lake Livingston)



GROUNDWATER SOURCE

104 Wells (Evangeline & Chicot Aquifers) at depths greater than 750 feet

AVERAGE DAILY WATER PRODUCED

500M Gallons

CUSTOMERS

2.97M

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
2,4-D (ppb)	70	70	ND	0.02	0.1
Arsenic ¹ (ppb)	10	0	ND	1.7	6.7
Atrazine (ppb)	3	3	ND	0.08	0.19
Barium (ppm)	2	2	0.03	0.18	0.40
Combined Uranium (ppb)	30	0	13 ²		
Cyanide (ppb)	200	200	ND	4	40
Di(2-Ethylhexyl) Adipate (ppb)	400	400	ND	0.11	2.2
Di(2-Ethylhexyl) Phthalate (ppb)	6	0	ND	0.03	0.6
Fluoride (ppm)	4	4	ND	0.11	0.71
Gross Alpha (pCi/L)	15	0	2 ²		
Gross Beta (pCi/L)	50	0	8.2 ²		
Nitrate (ppm)	10	10	ND	0.11	0.79
Selenium (ppb)	50	50	ND	1.2	7.3
Simazine (ppb)	4	4	ND	0.01	0.09
Thallium, Total (ppb)	2	0.5	ND	0	0.85
Turbidity (NTU)	(TT) 95% of monthly samples ≤ 0.3 NTU	NA	Lowest Monthly Percentage ≤ 0.3 NTU: 95% Highest Single Measurement: 1.95 NTU		

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.

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Main System | TX1010013

MONITORED IN DISTRIBUTION SYSTEMS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chloramines (Disinfectant) (ppm)	4.0 (MRDL)	<4.0 (MRDLG)	0.04	2.8	4.8
Chlorite (Disinfectant) (ppm)	1	0.8	ND	0.007	0.1
Total Coliforms	5% of monthly samples are positive	0%	Highest % of Positive 2.7%		
Nitrate (ppm)	10	10	ND	0.35	1.40
Nitrite (ppm)	1	1	ND	0.02	0.30
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: 40.8 ppb. Individual sample results range from not detected to 55.9 ppb.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 43.6 ppb. Individual sample results range from not detected to 47.7 ppb.		

MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb)	AL= 90% below 15 ppb.	0	90% below 5.1 ppb. No samples above 15 ppb.		
Copper (ppm)	AL= 90% below 1.3 ppm.	1.3	90% below 0.22 ppm No samples above 1.3 ppm.		

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Main System | TX1010013

SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Aluminum (ppm)	0.2	ND	0.12	2.86
Chloride (ppm)	250	28	38.4	49
Copper (ppm)	1	ND	0.002	0.007
Fluoride (ppm)	2	ND	0.11	0.71
Iron (ppm)	0.3	ND	0.08	1.02
Lead (ppm)	NA	ND	0.0001	0.0013
Manganese (ppm)	0.05	ND	0.01	0.06
pH (su)	6.5 - 8.5	7.3	7.8	8.3
Sulfate (ppm)	250	ND	20.8	48
Total Dissolved Solids (ppm)	500	146	260	331
Total Hardness as CaCO3 (ppm)	NA	43.5	135.5	229
Zinc (ppm)	5	ND	0.004	0.03

UNREGULATED CONTAMINANTS³

Parameter / Substance (units)	Dates Monitored	Minimum	Average	Maximum
Lithium (ppb)	Feb - Aug 2024	13.7	23.8	33.9

Notes

¹ For more background information regarding Arsenic – please refer to page 4.

² Subject to reduced monitoring requirements. Detected contaminants within the past five years, in the year indicated.

³ For more information regarding Unregulated Contaminants – please refer to page 5.

VIOLATIONS

Violation Period	Analyte	Violation Type	Violation Explanation
5/1/2025 - 5/31/2025	TURBIDITY	SINGLE COMB FLTR EFFLUENT (IESWTR/LT1)	Turbidity exceedance (single sample)
9/1/2025 - 9/30/2025	CHLORITE	MONITORING, ROUTINE (DBP), MAJOR	Failed to monitor/report as required for chlorine or disinfection by-products



Groundwater
100%



GROUNDWATER SOURCE

16 Wells (Evangeline & Chicot Aquifers) at depths greater than 750 feet



AVERAGE DAILY WATER PRODUCED

7.4M Gallons



CUSTOMERS

80.3K

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Barium (ppm)	2	2	0.26 ¹		
Combined Radium (pCi/L)	5	0	1.26 ¹		
Fluoride (ppm)	4	4	0.15 ¹		
Gross Alpha (pCi/L)	15	0	4.4 ¹		
Gross Beta (pCi/L)	50	0	4.3 ¹		
Nitrate (ppm)	10	10	ND	0.01	0.08
Xylenes, Total (ppb)	10,000	10,000	ND	0.1	0.6

MONITORED IN DISTRIBUTION SYSTEM

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chlorine (Disinfectant) (ppm)	4.0 (MRDL)	<4.0(MRDLG)	0.05	1.65	3.74
Total Coliforms	5% of monthly samples are positive	0%	Highest % of Positive: 0.99		
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: 2.2 ppb. Individual sample results range from not detected to 6.7 ppb.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 3.8 ppb. Individual sample results range from not detected to 15.1 ppb.		

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MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb) 2023 ²	AL= 90% Below 15 ppb	0	90% below 2 ppb. One sample above 15 ppb.		
Copper (ppm) 2023 ²	AL= 90% below 1.3 ppm	1.3	90% below 0.218 ppm. No samples above 1.3 ppm.		

SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Chloride (ppm)	250	28 ¹		
Copper (ppm)	1	0.003 ¹		
Fluoride (ppm)	2	0.15 ¹		
Iron (ppm)	0.3	0.08 ¹		
Manganese (ppm)	0.05	0.003 ¹		
pH (su)	6.5 - 8.5	7.5 ¹		
Sulfate (ppm)	250	11 ¹		
Total Dissolved Solids (ppm)	500	237 ¹		
Total Hardness as CaCO ₃ (ppm)	NA	124 ¹		

UNREGULATED CONTAMINANTS³

Parameter / Substance (units)	Dates Monitored	Minimum	Average	Maximum
Lithium (ppb)	June 2024	12.1	14.8	17.5

Notes

¹ Only one sample was required to be taken for this analyte in the year indicated.

² Subject to reduced monitoring requirements. Detected contaminant within the past five years, in the year indicated.

³ For more information regarding Unregulated Contaminants – please refer to page 5.

Willow Chase | TX1011902



Groundwater
100%



GROUNDWATER SOURCE

5 Wells (Evangeline & Chicot Aquifers) at depths greater than 750 feet



AVERAGE DAILY WATER PRODUCED

2.4M Gallons



CUSTOMERS

15.2K

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Arsenic ¹ (ppb)	10	0	2.1	2.2	2.3
Barium (ppm)	2	2	0.23	0.26	0.29
Combined Uranium (ppb) 2024 ²	30	0	2.8 ³		
Fluoride (ppm) 2024 ²	4	4	0.13 ³		
Gross Alpha (pCi/L) 2024 ²	15	0	3 ³		
Nitrate (ppm)	10	10	0.22	0.27	0.37
Selenium (ppb)	50	50	ND	2.8	5.5

MONITORED IN DISTRIBUTION SYSTEM

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chlorine (Disinfectant) (ppm)	4.0 (MRDL)	<4.0 (MRDLG)	0.07	1.54	2.5
Total Coliforms	5% of monthly samples are positive	0%	0%		
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: 0.35 ppb. Individual sample range from ND to 1.4 ppb.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 3.48 ppb. Individual sample results range from ND to 8.8 ppb.		

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Willow Chase | TX1011902

MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb) 2023 ²	AL= 90% Below 15 ppb	0	90% below 1 ppb. No samples above 15 ppb.		
Copper (ppm) 2023 ²	AL= 90% below 1.3 ppm	1.3	90% below 0.05 ppm. No samples above 1.3 ppm.		

SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Chloride (ppm) 2024 ²	250	52 ³		
Copper (ppm)	1	ND	0.023	0.046
Fluoride (ppm) 2024 ²	2	0.13 ³		
Iron (ppm)	0.3	ND	0.02	0.04
Manganese (ppm)	0.05	ND	0.001	0.003
pH (su) 2024 ²	6.5 - 8.5	7.8 ³		
Sulfate (ppm) 2024 ²	250	6 ³		
Total Dissolved Solids (ppm) 2024 ²	500	278 ³		
Total Hardness as CaCO3 (ppm)	NA	160	163.5	167
Zinc	5	ND	0.005	0.010

UNREGULATED CONTAMINANTS⁴

Parameter / Substance (units)	Dates Monitored	Minimum	Average	Maximum
Lithium (ppb)	January - July 2024	10.9	12.3	13.8

Notes

¹ For more background information regarding Arsenic – please refer to page 4.

² Subject to reduced monitoring requirements. Detected contaminant within the past five years, in the year indicated.

³ Only one sample was required to be taken for this analyte in the year indicated.

⁴ For more information regarding Unregulated Contaminants – please refer to page 5.



Groundwater
100%



GROUNDWATER SOURCE

2 Wells (Evangeline & Chicot Aquifers) at depths greater than 750 feet



AVERAGE DAILY WATER PRODUCED

564K Gallons



CUSTOMERS

6.9K

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Arsenic ¹ (ppb)	10	0	2.3 ²		
Barium (ppm)	2	2	0.3 ²		
Combined Uranium (ppb) 2023 ³	30	0	2.5	3.4	4.2
Fluoride (ppm) 2023 ³	4	4	0.2	0.2	0.2
Gross Alpha (pCi/L) 2023 ³	15	0	3	3	3
Gross Beta (pCi/L) 2023 ³	50	0	5.6	5.6	5.6
Selenium (ppb)	50	50	11.1 ²		
Xylenes, Total (ppb)	10,000	10,000	ND	0.25	0.5

MONITORED IN DISTRIBUTION SYSTEM

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chlorine (Disinfectant) (ppm)	4.0 (MRDL)	<4.0 (MRDLG)	0.2	1.6	2.6
Total Coliforms	5% of monthly samples are positive	0%	0%		
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: ND (not detected). Individual samples were ND.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 3.3 ppb. Individual sample results range from not detected to 3.3 ppb.		

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MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb) 2024 ²	AL= 90% Below 15 ppb	0	90% below 3.2 ppb. No samples above 15 ppb.		
Copper (ppm) 2024 ²	AL= 90% below 1.3 ppm	1.3	90% below 0.143 ppm. No samples above 1.3 ppm.		

SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Chloride (ppm) 2023 ³	250	18	18	18
Fluoride (ppm) 2023 ³	2	0.2	0.2	0.2
pH (su) 2023 ³	6.5 - 8.5	7.9	7.9	7.9
Sulfate (ppm) 2023 ³	250	3.5	3.5	4
Total Dissolved Solids (ppm) 2023 ³	500	176	180	183
Total Hardness as CaCO ₃ (ppm)	NA	97.4 ²		

UNREGULATED CONTAMINANTS⁴

Parameter / Substance (units)	Dates Monitored	Minimum	Average	Maximum
Lithium (ppb)	June 2024	13.1	13.3	13.4

Notes

¹ For more background information regarding Arsenic – please refer to page 4.

² Only one sample was required to be taken for this analyte in the year indicated.

³ Subject to reduced monitoring requirements. Detected contaminant within the past five years, in the year indicated.

⁴ For more information regarding Unregulated Contaminants – please refer to page 5.



District 82 | TX1011593



Groundwater
100%



GROUNDWATER SOURCE

2 Wells (Evangeline & Chicot Aquifers) at depths greater than 750 feet



AVERAGE DAILY WATER PRODUCED

86K Gallons



CUSTOMERS

951

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Barium (ppm) 2024 ¹	2	2	0.15 ²		
Fluoride (ppm) 2024 ¹	4	4	0.1 ²		

MONITORED IN DISTRIBUTION SYSTEM

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chlorine (Disinfectant) (ppm)	4.0 (MRDL)	<4.0 (MRDLG)	0.46	1.35	3.36
Total Coliforms	5% of monthly samples are positive	0%	0%		
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: 1.5 ppb. Individual samples were ND.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 15.6 ppb. Individual sample results range from not detected to 6.4 ppb.		

MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb)	AL= 90% Below 15 ppb.	0	90% below 1.6 ppb. No samples above 7.5 ppb.		
Copper (ppm)	AL= 90% below 1.3 ppm.	1.3	90% below 0.06 ppm. No samples above 1.3 ppm.		

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SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Chloride (ppm) 2024 ¹	250		16 ²	
Copper (ppm) 2024 ¹	1		0.003 ²	
Fluoride (ppm) 2024 ¹	2		0.1 ²	
pH (su) 2024 ¹	6.5 - 8.5		8 ²	
Sulfate (ppm) 2024 ¹	250		2 ²	
Total Dissolved Solids (ppm) 2024 ¹	500		175 ²	
Total Hardness as CaCO ₃ (ppm) 2024 ¹	NA		107 ²	

Notes

¹ Subject to reduced monitoring requirements. Detected contaminant within the past five years, in the year indicated.

² Only one sample was required to be taken for this analyte in the year indicated.



Belleau Woods | TX1011594



**Purchased
from City
of Humble
100%**



**MIXED SURFACE WATER &
GROUNDWATER SOURCE**



**AVERAGE DAILY
WATER PRODUCED**
110.5K Gallons



CUSTOMERS
439

MONITORED AT WATER PLANTS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Arsenic ¹ (ppb)	10	0	3.6 ²		
Atrazine (ppb)	3	3	ND	0.03	0.1
Barium (ppm)	2	2	0.42 ²		
Combined Uranium (ppb) 2023 ³	30	0	ND	1	1.7
Cyanide (ppb) 2023 ³	200	200	ND	20	60
Fluoride (ppm) 2023 ³	4	4	0.12	0.18	0.23
Gross Alpha (pCi/L) 2023 ³	15	0	ND	3	5
Gross Beta (pCi/L) 2023 ³	50	0	4	4.2	4.4
Nitrate (ppm)	10	10	ND	0.22	0.65
Selenium (ppb)	50	50	3.6 ²		

MONITORED IN DISTRIBUTION SYSTEM

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Chloramines (Disinfectant) (ppm)	4.0 (MRDL)	<4.0 (MRDLG)	0.5	2	3.3
Total Coliforms	5% of monthly samples are positive	0%	4.3%		
Nitrate (ppm)	10	10	0.34	0.43	0.52
Nitrite (ppm)	1	1	ND	0.02	0.05
Haloacetic Acids (ppb)	Yearly Average (LRAA) <60	NA	Highest LRAA: 12.8 ppb. Individual samples result was 2.8ppb.		
Total Trihalomethanes (ppb)	Yearly Average (LRAA) <80	NA	Highest LRAA: 14.3 ppb. Individual samples result was 14.3ppb.		

Continued next page

Belleau Woods | TX1011594

MONITORED AT CUSTOMER TAP

Parameter / Substance (units) (Sampled in 2025 unless noted)	Highest Level Allowed (EPA's MCL)	Ideal Goal (EPA's MCLG)	Detections		
			Minimum	Average	Maximum
Lead (ppb) 2023 ³	AL= 90% Below 15 ppb	0	90% below 7.8 ppb. One sample above 15 ppb.		
Copper (ppm) 2023 ³	AL= 90% below 1.3 ppm	1.3	90% below 0.37 ppm. No samples above 1.3 ppm.		

SECONDARY STANDARDS

Parameter / Substance (units) (Sampled in 2025 unless noted)	Recommended Levels (SMCL)	Detections		
		Minimum	Average	Maximum
Chloride (ppm) 2023 ³	250	32	44	53
Copper (ppm)	1	0.006 ²		
Fluoride (ppm) 2023 ³	4	0.12	0.18	0.23
Iron (ppm)	0.3	0.64 ²		
Manganese (ppm)	0.05	0.007 ²		
pH (su) 2023 ³	6.5 - 8.5	6.7	7.5	7.9
Sulfate (ppm) 2023 ³	250	7	10.2	18
Total Dissolved Solids (ppm) 2023 ³	500	187	262	321
Total Hardness as CaCO3 (ppm)	NA	129 ²		
Zinc (ppm)	5	0.11 ²		

Notes

¹ For more background information regarding Arsenic – please refer to page 4.

² One sample was required to be taken for this analyte in the year indicated.

³ Subject to reduced monitoring requirements. Detected contaminant within the past five years, in the year indicated.



CONTAMINANT SOURCES

2,4-D	Runoff from herbicide used on row crops
Arsenic	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Atrazine	Runoff from herbicide used on row crops
Barium	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chlorine & Chloramines	Water additives used to control microbes
Chlorite	By-product of drinking water disinfection
Combined Radium	Erosion of natural deposits
Combined Uranium	Erosion of natural deposits
Copper	Corrosion of household plumbing systems; erosion of natural deposits
Cyanide	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Di(2-ethylhexyl) adipate	Discharge from chemical factories
Di(2-ethylhexyl) phthalate	Discharge from rubber and chemical factories
Fluoride	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Alpha	Erosion of natural deposits
Gross Beta	Decay of natural and man-made deposits
Lead	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate / Nitrite	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Simazine	Herbicide runoff
Thallium	Discharge from electronics, glass, and leaching from ore-processing sites; drug factories
Total Coliform	Naturally present in the environment
Total Haloacetic Acids (HAAs)	By-product of drinking water disinfection
Total Trihalomethanes (TTHMs)	By-product of drinking water disinfection
Turbidity	Soil runoff
Xylenes	Discharge from petroleum factories; discharge from chemical factories



HOUSTON PUBLIC WORKS

ABOUT US

Houston Public Works is the largest accredited public works agency in the United States, serving an estimated 5.5 million water customers in the Greater Houston Region.

With a long and proud history dating back to its creation in 1933, our department is dedicated to building and maintaining the essential infrastructure that forms the backbone of daily life in Houston. Our team of nearly 4,000 professionals works tirelessly to ensure the health, safety, and vitality of our city.

Visit the Houston Public Works website at

www.HoustonPublicWorks.org

for more information on the services we provide.

Follow us on social media for regular updates!

@HouPublicWorks

Current and previous water quality reports are available at

www.bit.ly/houwaterqualityreports

CONTACT US

To report concerns or file a complaint, please call the
Houston 311 Contact Center at

3-1-1 or **713.837.0311**

Using 3-1-1 to report concerns is the quickest way to address your issue and track its resolution. The City of Houston monitors these calls to gather vital information needed to address issues properly.

City of Houston

P.O. Box 1562
Houston, TX 77251