CHATFIELD WSC

Public Water Supply ID: TX1750012

Consumer Confidence Report

2025 CCR

Annual Drinking Water Quality Report

CHATFIELD WSC

Public Water System ID: TX1750012

We are pleased to present to you the Annual Water Quality Report (Consumer Confidence Report) for the year, for the period of January 1 to December 31, 2025. 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. Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (903) 345-3463.

For more information regarding this report, contact:

Name: Robert Garcia

Phone: (903)345-3463

Sources of Drinking Water

CHATFIELD WSC is Purchased surface water. Chatfield Water Supply Corp. provides treated surface water from the City of Corsicana Navarro Mills and Lake Halpert located in Navarro County

Our water source(s) and source water assessment information are listed below:

Source Name		Type of Water	Report Status	Location
SW FROM CORSICANA -	CC FROM TX1750002 CITY OF CORSICANA	Surface water	Active	Navarro Mills Lake

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of 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 EPAs Safe Drinking Water Hotline at (800) 426-4791. Contaminants that may be present in source water include:

A service line inventory has been prepared and can be accessed at the Chatfield WSC Office located at 106 Carr St. Powell, TX 75153

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.

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.

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 more information on taste, odor, or color of drinking water, please contact the system's business office.

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).

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. CHATFIELD WSC 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 and wish to have your water tested, contact CHATFIELD WSC at 903-345-3463. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at https://www.epa.gov/safewater/lead.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've 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.
Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
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 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 or MCL: 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 or 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 goal or MRDLG: 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.
Maximum residual disinfectant level or MRDL: 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.
Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.
Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Avg: Average - Regulatory compliance with some MCLs are based on running annual average of monthly samples.
RAA: Running Annual Average.

LRAA: Locational Running Annual Average.
mrem: millirems per year (a measure of radiation absorbed by the body).
ppb: micrograms per liter (ug/L) or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm: milligrams per liter (mg/L) or parts per million - or one ounce in 7,350 gallons of water.
picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.
na: not applicable.

Disinfectant Residual

All public water systems in Texas are required to disinfect drinking water to ensure control of microbial contaminants. Disinfectants are water additives used to control microbes.

Disinfectant	Year	Average Level	Unit	Range	MRDL/MRDLG Goal
Chloramine	2025	1.35	Mg/L	0.5-4.0	4/4

Regulated Contaminants

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Microbiological	Result	MCL	MCLG	Typical Source
COLIFORM (TCR)	In the month of August, 1 sample(s) returned as positive	Treatment Technique Trigger	0	Naturally present in the environment

Lead and Copper	Period	90TH Percentile: 90% of your water utility levels were less than	Range of Sampled Results (low - high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2023 - 2025	0.1975	0 - 0.2653	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2023 - 2025	0	0	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2612 NE CR 1030 CHATFIELD	2025	12	28.5	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	824 SHORELINE DR, KERENS	2025	11	32	ppb	60	0	By-product of drinking water disinfection
TTHM	2612 NE CR 1030 CHATFIELD	2025	44	44.5	ppb	80	0	By-product of drinking water chlorination
TTHM	824 SHORELINE DR, KERENS	2025	42	55.8	ppb	80	0	By-product of drinking water chlorination

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
DIBROMOCHLOROMETHANE	5/7/2025	8.47	2.89 - 8.47	UG/L	0	0.06	
NITRATE	1/13/2025	0.238	0.238	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
NITRATE-NITRITE	4/5/2021	0.076	0.076	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Violations

During the period covered by this report we had the below noted violations.

Violation Period	Analyte	Violation Type	Violation Explanation
7/1/2025	CONSUMER CONFIDENCE RULE	CCR ADEQUACY/AVAILABILITY/CONTENT	Inadequate Consumer Confidence Report (CCR) or failure to deliver a CCR Certification form to the state on time

Additional Required Health Effects Language:

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

There are no additional required health effects violation notices.

On 08/12/2025 Chatfield Water Supply tested positive for Coliform at one of our monthly samples. On 8/14/2025 Chatfield took a repeat sample from same location as well as one upstream and one downstream for the failed sample and all came back negative a day later.

In 2025 Chatfield WSC got a violation for not showing the link or access to our Lead and Cooper inventory on last years CCR. We are working with TCEQ to get the violation resolved.

City of Corsicana

Detected Regulated Contaminates for 2025

EP 1 Navarro Mills

SOC Pesticide	Detected Quantity	MCL	Date Collected	Analytical Method
Atrazine	0.2 ug/L	3 ug/L	2/17/2025	E525.2 GC/MS
Metolachlor	0.2 ug/L	N/A	2/17/2025	E525.2 GC/MS
VOC's				
Acetone	<5.00 ug/L	N/A	7/21/2025	E524.2 GC/MS
Cholroform	37.7 ug/L	N/A	7/21/2025	E524.2 GC/MS
Bromodichloromethane	18.1 ug/L	N/A	7/21/2025	E524.2 GC/MS
Dibromochloromethane	5.16 ug/L	N/A	7/21/2025	E524.2 GC/MS
Inorganics				
Chloride	12.2 mg/L	300.0 mg/l	2/17/2025	E300.0 Anions
Fluoride	0.471 mg/L	4.0 mg/l	2/17/2025	E300.0 Anions
Nitrate (as N)	0.685 mg/L	10.0 mg/l	2/17/2025	E300.0 Anions
Sulfate	47.4 mg/L	300.0 mg/l	2/17/2025	E300.0 Anions
Total Dissolved Solids	204 mg/L	1000.0 mg/l	2/17/2025	SM2540C
Inorganics Metals Trace Elements				
Calcium	45.4 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Magnesium	3.16 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Potassium	4.64 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Sodium Total	19.2 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
E200.8 ICP-MS				
Aluminum Total	0.021 mg/L	0.2 mg/l	2/17/2025	E200.8 IC-MS
Barium Total	0.044 mg/L	2.0 mg/l	2/17/2025	E200.8 IC-MS
Chromium	<0.00100 mg/L	0.10 mg/l AL	2/17/2025	E200.8 IC-MS
Copper Total	0.0034 mg/L	1.0 mg/l AL	2/17/2025	E200.8 IC-MS
Manganese Total	0.0025 mg/L	0.05 mg/l	2/17/2025	E200.8 IC-MS
Nickel Total	0.0013 mg/L	.1 mg/l	2/17/2025	E200.8 IC-MS

DEFINITIONS

ug/l	parts per billion or micrograms per liter
mg/l	parts per million or milligrams per liter

City of Corsicana

Detected Regulated Contaminates for 2025

EP2 Lake Halbert

SOC Pesticide	Detected Quantity	MCL	Date Collected	Analytical Method
Atrazine	0.1 ug/L	3 ug/L	2/17/2025	E525.2 GC/MS
Metolachlor	<0.1 ug/L	N/A	2/17/2025	E525.2 GC/MS
VOC's	Detected Quantity	MC/L	Date Collected	Analytical Method
Acetone	<5.00 ug/L	N/A	7/21/2025	E524.2 GC/MS
Cholroform	40.7 ug/L	N/A	7/21/2025	E524.2 GC/MS
Bromodichloromethane	22.0 ug/L	N/A	7/21/2025	E524.2 GC/MS
Dibromochloromethane	5.64 ug/L	N/A	7/21/2025	E524.2 GC/MS
Inorganics				
Chloride	19.3 mg/L	300.0 mg/L	2/17/2025	E300.0 Anions
Fluoride	0.420 mg/L	4.0 mg/L	2/17/2025	E300.0 Anions
Nitrate (as N)	0.341	10.0 mg/L	2/17/2025	E300.0 Anions
Sulfate	55.1	300.0 mg/L	2/17/2025	E300.0 Anions
Total Dissolved Solids	214 mg/L	1000.0 mg/L	2/17/2025	SM2540C
Inorganics Metals Trace Elements				
Calcium Total	41.6 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Potassium Total	5.56 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Magnesium Total	3.76 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
Sodium Total	26.1 mg/L	N/A	2/17/2025	E200.7 Metals, Trace
E200.8 ICP-MS				
Aluminum Total	0.034 mg/L	0.2 mg/L	2/17/2025	E200.8 IC-MS
Barium Total	0.050 mg/L	2.0 mg/L	2/17/2025	E200.8 IC-MS
Chromium Total	<0.00100 mg/L	0.10 mg/L	2/17/2025	E200.8 IC-MS
Copper Total	0.0018 mg/L	1.0 mg/L	2/17/2025	E200.8 IC-MS
Manganese Total	<0.00100 mg/L	0.05 mg/L	2/17/2025	E200.8 IC-MS
Nickel Total	<0.00100 mg/L	0.1 mg/L	2/17/2025	E200.8 IC-MS

DEFINITIONS

ug/l	parts per billion or micrograms per liter
mg/l	parts per million or milligrams per liter

Only contaminants at detectable level reported

City of Corsicana

Turbidity and TOC 2025

Navarro Mills

	NTU			TOC			
Month	Average	Highest	% Compliance	Raw TOC	Tap TOC	% Removal	% Compliance
Jan	0.07	0.10	100	4.99	3.51	29.7	109
Feb	0.08	0.13	100	5.22	3.87	25.9	100
Mar	0.09	0.13	100	4.78	3.42	28.5	114
Apr	0.08	0.12	100	4.37	3.02	30.9	124
May	0.07	0.12	100	4.52	2.86	36.7	105
Jun	0.07	0.13	100	4.28	2.95	31.1	89
Jul	0.06	0.11	100	4.92	3.08	37.4	107
Aug	0.07	0.10	100	4.14	2.83	31.6	100
Sep	0.07	0.10	100	4.02	2.84	29.4	100
Oct	0.06	0.10	100	4.43	3.04	31.4	100
Nov	0.07	0.12	100	4.10	2.92	28.8	100
Dec	0.06	0.11	100	4.10	2.83	31.0	100
Average	0.07			4.49	3.10	31.0	104.0

	NTU	Raw TOC	Tap TOC	% Removal
Average Both Plants	0.07	4.81	3.24	32.6

Lake Halbert

	NTU			TOC			
Month	Average	Highest	% Compliance	Raw TOC	Tap TOC	% Removal	% Compliance
Jan	0.07	0.15	100	6.52	4.63	29.0	100
Feb	0.06	0.13	100	4.70	3.18	32.3	100
Mar	0.05	0.12	100	4.47	3.10	30.6	88
Apr	0.06	0.13	100	4.21	2.89	31.4	100
May	0.06	0.12	100	4.24	2.80	34.0	102
Jun	0.06	0.13	100	4.33	2.78	35.8	102
Jul	0.07	0.12	100	5.17	3.15	39.1	112
Aug	0.06	0.10	100	4.96	2.95	40.5	116
Sep	0.04	0.14	100	4.82	2.94	39.0	111
Oct	0.07	0.13	100	5.96	4.34	27.2	100
Nov	0.08	0.13	100	6.15	3.98	35.3	101
Dec	0.08	0.12	100	6.01	3.82	36.4	104
	0.06			5.13	3.38	34.2	103.0

TOC % compliance is based on compliance with the TCEQ rules on TOC removal. Plants must meet or exceed 100% compliance based on a running quarterly average.

City of Corsicana

Average Chlorine Residual
2025

Month	Average Residual (mg/L)
January	2.55
February	2.48
March	2.37
April	2.43
May	2.18
June	2.03
July	2.18
August	2.17
September	2.24
October	2.35
November	2.40
December	2.43
2025 Yearly Average	2.32 mg/L

Min reading	0.5 mg/L
Max Reading	3.8 mg/L

City of Corsicana

TTHM's 2025

Date of Samples	2/17/2025	5/7/2025	7/21/2025	10/9/2025	
Address of Sample	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Average of Quarters
4501 E HWY 31	33.9	39.3	65.0	62.2	50.1
2117 W 15th Ave	39.1	45.9	68.7	55.7	52.4
3500 Northpark	40.8	46.3	66.0	56.8	52.5
700 E 16th Ave	39.9	46.8	68.0	55.3	52.5
Average for each quarter	38.4	44.6	66.9	57.5	51.9

Haa5's 2025

Date of Samples	2/17/2025	5/7/2025	7/21/2025	10/9/2025	
Address of Sample	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Average of Quarters
4501 E HWY 31	15.8	20.0	23.3	24.0	20.8
2117 W 15th Ave	18.6	22.1	31.1	23.6	23.9
3500 Northpark	19.7	27.0	28.2	23.0	24.5
700 E 16th Ave	18.3	25.3	30.4	20.90	23.7
Average for each quarter	18.1	23.6	28.3	22.88	23.2