

## 2024 Consumer Confidence Report for The City of Blooming Grove

This is your water quality report for January 1 to December 31, 2024

For more information regarding this report contact: Rory Evans at 903-695-2711

Este reporte incluye informacion sobre el agua para tomar. Para asistencia en espanol, favor de llamar al telefono 903-695-2711

Blooming Grove gets Surface Water from the City of Corsicana (Navarro Mills Lake)

### Definitions and Abbreviations

The following table contain scientific terms and measures, some of which may require explanation

Action Level	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
AVG:	Regulatory compliance with some MCL's are based on average of monthly samples
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 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. MCL's are set as close to the MCLG's 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. MCLG's allow for a margin of safety.
Maximum Residual Disinfectant Level or 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 or MRDLG:	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's 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 radition absorbed by the body)
NA:	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.

### Information about your Drinking Water

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 animal or from human activity.

Drinking water, including bottled water, may be 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 more information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800-426-4791).

Contaminants that may be present in the 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 storm water 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 storm water 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 storm water

Lead and Copper								Likely source of Contamination
	Sampled	MCLG	Action Level	90th Percentile	#sites over AL	Units	Violation	
Copper	8/31/2022	1.3	1.3	0.1377	0	ppm	N	Erosion of natural deposits; leaching from wood preservatives; Corrosion of household plumbing systems
Disinfection By-Products	Collection	Highest Level	Range of					Likely source of Contamination
	Date	Detected	Samples	MCLG	MCL	Units	Violation	
Haloacetic Acids (HAA5)	2024	14	2.2-22.2	no goal	50	ppb	N	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	2024	56	33.3-100	no goal	80	ppb	N	By-product of drinking water disinfection
The value in the highest Level or Average Detected column is the highest average of all HAA5 and TTHM samples collected at a location over a year								
Inorganic Contaminants	Collection	Highest Level	Range of					Likely source of Contamination
	Date	Detected	Samples	MCLG	MCL	Units	Violation	
Nitrate (measured as Nitrogen)	2024	2	2.2-2.2	0	10	ppb	N	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits.
2024 Disinfectant Residual								
Disinfectant Residual	Average	Range			Unit			
Chloramines	Level	of Levels	MRDL	MRDLG	of Measure	Violation Y/N		Source in Drinking Water
	0.84	.58-1.131	4	4	ppm	N		Water Additive used to control microbes
From the City of Corsicana								

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