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 feasable 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 miblion fibers per liter (a measure of aspestos)

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 Tecnique 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, reerviors, 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 resonably 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 runnoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and Herbicides, which may come from a variety of sorces 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

Inorganic Contaminants	Collection	Highest Level	Range of	MCLG	MCL	Units	Violation	Likely source of Contamination
	Date	Detected	Samples				<u> </u>	- A.I.
Barium	2024	0.057	0.044-0.057	2	2	руб	N	Discharge of drilling wastes; Discharge from metal refinerion
Cyanide	2024	110	0-110	200	200	ppb	N	Discharge from plastic and fertilizer factories; Discharge from steel/rretal factories
Fluoride	2024	0.5	0.481-0.496	4	4	ppm	N	Erosion of natural deposits; Water additive which promote strong teeth; Discharge from fertilizer and aluminum factor
Nitrate (measured as Nitrogen)	2024	1	0.2-1.38	4	10	ppm	N	Runoff from fertilizer use; leaching from septic tanks, sewa. Crosion of natural deposits.
Atrazine	2024	0.3	0-0.3	3	3	pph	N	Runoff from herbicide used on row crops.
Atrazine	2024				ding pesticide	and herbicides	N	Runoff from herbicide used on row crops
Di (2-ethylhexyl) phthalate	2024	1	0-1	0	Б	ppb	N³	Discharge from rubber and chemical factories
					3034			Leader Re House and element records
				Turbidity	2024			Terestri Be treatment and creatment actions
Information Statement: Turbidity is a measu						t is a good indicasto	-	and effectiveness of our filtration system and disinfectants.
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Information Statement: Turbidity is a measu						t is a good indicasto	-	and effectiveness of our filtration system and disinfectants.
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	Level Detected	Limit (TT)	Violation			t is a good indicasto	Likely soun	and effectiveness of our filtration system and disinfectants.
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