

Drinking Water Quality Test Results

Compound	Year	Measure	MCL	MCLG	Your water	Violation	Common Sources of Substance
Turbidity	2020	NTU	TT=1 TT= Lowest monthly % of samples ≤ 0.3 NTU	N/A	0.3 99.9%	No	Soil runoff (Turbidity is a measure of the cloudiness of water. It is monitored because it is a good indicator of the effectiveness of the filtration system.)

Compound	Year	MCL	MCLG	Your water	Range	Violation	Common Sources of Substance
Total Coliforms (including fecal coliform & E. coli)	2020	TT = 5% of monthly samples are positive	0	1.7%	0 to 1.7%	No	Coliforms are naturally present in the environment as well as feces; fecal coliforms and E. coli only come from human and animal fecal waste.

Compound	Measure	Year	MCLG	MCL	Your water	Range	Violation	Common Sources of Substance
Beta/photon emitters	pCi/L	2020	0	50	6.8	0 to 6.8	No	Decay of natural and man-made deposits
Arsenic	ppb	2020	0	10	1.5	0 to 1.5	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Atrazine	ppb	2020	3	3	0.1	0 to 0.1	No	Runoff from herbicide used on row crops
Barium	ppm	2020	2	2	0.06	0.05 to 0.06	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	ppb	2020	100	100	3.3	0 to 3.3	No	Erosion of natural deposits; discharge from steel and pulp mills
Cyanide	ppb	2020	200	200	159	0 to 159	No	Discharge from plastic and fertilizer factories; discharge from steel and metal factories
Fluoride	ppm	2020	4	4	0.52	0.15 to 0.52	No	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Nitrate (as Nitrogen)	ppm	2020	10	10	0.49	0.19 to 0.58	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as Nitrogen)	ppm	2020	1	1	0.02	0.01 to 0.02	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Bromate	ppb	2020	0	10	4.79	0 to 11.4	No	By-product of drinking water disinfection
Haloacetic Acids	ppb	2020	N/A	60	10.6	3 to 23	No	By-product of drinking water disinfection
Total Trihalomethanes	ppb	2020	N/A	80	21.0	1.37 to 56	No	By-product of drinking water disinfection

Compound	Measure	Year	MRDLG	MRDL	Your water	Range	Violation	Common Sources of Substance
Chloramines	ppm	2020	4	4	3.5	1 to 11	No	Water additive used to control microbes

Compound	MCL	Year	MCLG	High	Low	Average	Violation	Common Sources of Substance
Total Organic Carbon	TT = % removal	2020	N/A	1	1	1	No	Naturally occurring

It is used to determine disinfection by-product precursors. Fort Worth was in compliance with all monitoring and treatment technique requirements for disinfection by-product precursors. **A removal ratio of 1 in Specific Ultra Violet Absorbance calculations is considered passing.**

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