

City of Slaton

2022 Consumer Confidence Water Quality Report

TX1520004

City of Slaton

Annual Water Quality Report for the period of January 1
to December 31, 2022.

This report is intended to provide you with important
information about your drinking water and efforts made
by the water system to provide safe drinking water.

For more information regarding this report contact:

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Phone: (806) 828-2000

Meetings: Council Meetings 2nd Monday each month @

City Hall. June 12, 2023 6:30 p.m.

Este reporte incluye informacion importante sobre el
agua para tomar. Para asistencia en espanol, favor de
llamar al telefono (806) 828-2000.

Disinfectant

Chlorine

Average level quarterly data: 2.15 (mg/L)
Lowest result of a single sample: 0.91 (mg/L)
Highest result of a single sample: 2.20 (mg/L)
Maximum residual disinfectant level: 4.0 (mg/L)
Maximum residual disinfectant goal: 2.20 (mg/L)
Unit of measure: Milligrams per liter (mg/L)
Source of chemical: Advanced Blending

Chloramine

Average level of quarterly data: 3.08 (mg/L)
Lowest result of a single sample: 2.20 (mg/L)
Highest result of a single sample: 3.60 (mg/L)
Maximum residual disinfectant level: 4.0 (mg/L)
Maximum residual disinfectant goal: 2.20 (mg/L)
Unit of measure: Milligrams per liter (mg/L)
Source of chemical: City of Lubbock

WATER QUALITY REPORT DATA - 2022

CONTAMINANT	Year of Range	Average Level	Minimum Level	Maximum Level	MCL	MCLG	Unit of Measure	Contaminant Sources	Violation
SUBSTANCES REGULATED AT THE TREATMENT PLANT									
BETA/PHOTON EMITTERS	2020	5.6	5.6	5.6	50 *	0	pCi/L	Decay of natural and man-made deposits	NO
ALPHA EMITTERS	2017	4.5	2	7	15	0	pCi/L	Erosion of natural deposits	NO
URANIUM	2020	2.0	2.0	2.0	30	0	ppb	Erosion of natural deposits	NO
ARSENIC	2022	2.23	1.40	3.6	10	0	ppb	Erosion of natural deposits; runoff from orchards	NO
BARIUM	2022	0.137	0.100	0.20	2	2	ppm	Erosion of natural deposits	NO
CHROMIUM	2022	3.17	0	5.5	100	100	ppb	Erosion of natural deposits	NO
CYANIDE	2022	123	N/A	N/A	200	200	ppb	Discharge from steel/metal, plastic, and fertilizer factories	NO
FLUORIDE	2022	0.772	0.655	0.889	4	4	ppm	Erosion of natural deposits	NO
NITRATE	2022	0.954	0.124	1.43	10	10	ppm	Fertilizer runoff, septic tank leachate, sewage, erosion	NO
TURBIDITY	2022	0.052	0.037	0.073	***% < 0.3 (TT)	0	NTU	Soil runoff	NO
TOTAL ORGANIC CARBON	2022	1.66	1.30	2.50	TT	TT	ppm	Naturally present in environment	NO
TOTAL CHLORINE	2022	3.60	3.30	3.90	MRDLG=4.0	MRDLG=4.0	ppm	Disinfectant used to control microbes	NO
CHLORITE	2022	0.430	0.270	0.650	1	0.8	ppm	By-product of drinking water disinfection	NO
ADDITIONAL MONITORING									
ALUMINUM	2022	0.058	0.009	0.130	0.05-0.2 ^{aa}	N/A	ppm	Water Treatment Chemical	N/A
CHLORIDE	2022	236	213	258	300 ^{aa}	N/A	ppm	Naturally occurring	N/A
SULFATE	2022	107	102	112	300 ^{aa}	N/A	ppm	Naturally occurring	N/A
TOTAL DISSOLVED SOLIDS	2022	698	654	742	1000 ^{aa}	N/A	ppm	Naturally occurring	N/A
AMMONIA	2022	0.179	0.110	0.260	Not Regulated	N/A	ppm	Water Treatment Chemical	N/A
CALCIUM	2022	49.4	30.3	62	Not Regulated	N/A	ppm	Naturally occurring	N/A
MAGNESIUM	2022	18.9	11.4	27.4	Not Regulated	N/A	ppm	Naturally occurring	N/A
POTASSIUM	2022	5.52	5.15	6.04	Not Regulated	N/A	ppm	Naturally occurring	N/A
SODIUM	2022	135	40.8	206	Not Regulated	N/A	ppm	Naturally occurring	N/A
HARDNESS	2022	201	123	252	Not Regulated	N/A	ppm	Naturally occurring	N/A
CONDUCTANCE	2022	1270	1210	1330	Not Regulated	N/A	µmho/cm	Naturally occurring	N/A
TOTAL ALKALINITY	2022	180	172	187	Not Regulated	N/A	ppm	Naturally occurring	N/A

The state allows us to monitor for some substances less than once per year because the concentrations of these substances do not change frequently.

Some of our data, though representative, are more than one year old. Note: TT= Treatment Technique. ***100% of plant turbidity meets the <0.3 NTU MCL.

*The MCL for betaphoton emitters is 4 mrem/year. The USEPA considers 50 pCi/L to be the level of concern for betaphoton emitters. ***Note:µmhos= micromhos/cm

**Running Annual Average ^{4a}Highest Locational Running Annual Average ^{aa}Secondary Constituent Levels set by the Texas Commission of Environmental Quality.