

Water Quality Report 2023

Distribution - Entry Points

[Definitions & Terms](#) [Notes & Sources of Substances](#)

Zone 16

<u>Metals</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Arsenic	2023	PPB	0	2	0 - 9	10	0
Barium	2023	PPM	0.058	0.071	0.046 - 0.18	2	2
Chromium	2020 - 2023	PPB	0.0	0.2	0 - 2	100	100
<u>Minerals</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Fluoride	2023	PPM	0.66	0.59	0.36 - 0.73	4	4
<u>Nutrients</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Nitrate + Nitrite as Nitrogen	2023	PPM	0.13	0.18	0 - 0.72	10	10
<u>Radionuclides</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Combined Radium 226 and 228	2023	pCi/L	0.35	0.13	0.02 - 0.5	5	0
Gross Alpha Particle Activity	2023	pCi/L	0.6	0.7	0 - 1.6	15	0
Uranium, Mass Concentration	2023	PPB	1	2	0 - 6	30	0

Voluntary Comprehensive Monitoring in Distribution

(Samples taken every three months, 2023 results)

Zone 16

<u>General Chemistry</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Alkalinity	2023	PPM as CaCO ₃	76	99	122	105	65 - 142	~
Bicarbonate	2023	PPM as CaCO ₃	76	99	122	105	65 - 142	~
Calcium	2023	PPM	34.00	48.38	57.00	48.64	12 - 68.00	~
Chloride	2023	PPM	18.26	32.42	41.12	31.44	9.27 - 42.56	250 ^a
Field Conductivity	2023	uS/cm	422	475	517	475	300 - 685	
Field Free Chlorine	2023	mg/L	0.7	0.9	1.2	0.9	0.3 - 1.4	
Field pH	2023	Std. unit	7.47	7.61	8	7.40	7.0 - 8.1	
Field Temperature	2023	Fahrenheit	44	64	77	64	42 - 86	
Hardness	2023	grains/gallon	5.91	8.29	9.89	8.44	2.09 - 11.72	~
Magnesium	2023	PPM	3.90	5.06	6.50	5.55	1.4 - 9.90	~
Potassium	2023	PPM	3	4	5	4	2 - 8	~
Silica	2023	PPM as SiO ₂	19.7	30.3	49.3	32.4	15.6 - 68.5	~
Sodium	2023	PPM	17	30	49	29	13 - 77	~
Sulfate	2023	PPM	52	71	91	68	26 - 100	250 ^a
Total Dissolved Solids	2023	PPM	248	287	306	291	218 - 378	500 ^a
<u>Metals</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Arsenic	2023	PPB	0	2	5	2	0 - 8	10
Barium	2023	PPM	0.050	0.063	0.090	0.072	0.04 - 0.140	2
Chromium	2023	PPB	0.0	0.6	2.0	0.3	0 - 5.0	100
Iron	2023	PPM	0.0	0.0	0.0	0.0	0 - 0.1	0.3 ^a
<u>Minerals</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Fluoride	2023	PPM	0.46	0.63	0.72	0.59	0.34 - 0.90	4
<u>Nutrients</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Nitrate	2023	PPM	0.09	0.39	0.85	0.39	0 - 3.47	10

^a- Represents the USEPA Secondary Maximum Contaminant Level (SMCL). Secondary Drinking Water Standards are unenforceable federal guidelines regarding taste, odor, color and certain other non-aesthetic effects of drinking water. USEPA recommends them as reasonable goals, but federal law does not require water systems to comply with them.