

# Water Quality Report 2020

## Distribution

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

### Zone 11

<u>Metals</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Arsenic	2017 - 2020	PPB	2.9	3	0.0 - 8.0	10	0
Barium	2017 - 2020	PPM	0.1	0.1	0.0 - 0.2	2	2
Chromium	2020	PPB	0.4	0.8	0.0 - 7.0	100	100
<u>Minerals</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Fluoride	2017 - 2020	PPM	0.6	0.7	0.4 - 1.2	4	4
<u>Nutrients</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Nitrate	2019 - 2020	PPM	0.3	0.5	0.0 - 2.8	10	10
<u>Organic</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Total Xylenes	2020	PPM	0.0	0.00006	0.0 - 0.00065	10	10
<u>Radionuclides</u>	Sample Collection Years	Units	Zone Average	City Average	City Range	MCL	MCLG
Gross Alpha Particle Activity	2017 - 2020	pCi/L	0.9	0.4	0.0 - 0.9	15	0
Radium 226 + 228	2017 - 2020	pCi/L	0.2	0.1	0.0 - 0.2	5	0
Uranium	2017 - 2020	PPB	2.3	2	0.0 - 5.0	30	0

# Voluntary Comprehensive Monitoring in Distribution

(Samples taken every three months, 2020 results)

## Zone 11

<u>General Chemistry</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Alkalinity	2020	PPM as CaCO3	44	118.41	117	119	44.0 - 352.0	~
Chloride	2020	PPM	9.1	29.9	31.1	30.1	9.1 - 55.8	250 a
Conductivity	2020	uS/cm	345	455.8	455	459	345.0 - 602.0	
Free Chlorine	2020	PPM	0.3	0.9	0.8	0.9	0.3 - 1.5	
Magnesium	2020	PPM	1.8	6.1	5.7	6.0	1.8 - 9.0	~
pH	2020	Std Units	7.3	7.8	7.8	7.8	7.3 - 8.7	~
Potassium	2020	PPM	2	3.9	3	4	2.0 - 8.0	~
Silica	2020	PPM as SiO2	16.5	37.7	32.1	37.4	16.5 - 68.5	Not Applicable
Sodium	2020	PPM	19	31.8	27	33	19.0 - 81.0	~
Temperature	2020	Fahrenheit	39	63.7	70	64	39.0 - 86.0	~
Total Dissolved Solids	2020	PPM	142	280.3	278	284	142.0 - 388.0	500 a

  

<u>Metals</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Arsenic	2020	PPB	0	2.8	0	3	0.0 - 8.0	10
Chromium	2020	PPB	0	0.4	0	0.5	0.0 - 6.0	100
Iron	2020	PPM	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	2020	PPM	0.4	0.6	0.6	0.6	0.4 - 0.9	4

  

<u>Nutrients</u>	Sample Collection Years	Units	Minimum	Average	Maximum	City Average	City Range	MCL
Nitrate	2020	PPM	0	0.4	0.2	0.5	0.0 - 3.5	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.