

### 2021 City of Chaska Water Quality & Monitoring Results

	Water Treatment Plant Sample Results	Arbor Park Booster Station Results	Regular City Testing Results	MCL or Secondary Standard
Total Hardness as CaCO3	25 grains (gpg)	24 grains (gpg)	26 grains (gpg)	NA
Iron	ND	ND	0.00-0.01 mg/L	.3 mg/L
Manganese	ND	0.015 mg/L	0.02-0.03 mg/L	.05 mg/L
Fluoride	.73 mg/L	.64 mg/L	0.50-0.75 mg/L	4 mg/L
Sodium	25.5 mg/L	23.8 mg/L		60 mg/L
Magnesium	41.4 mg/L	39.7 mg/L		NA
Calcium	103 mg/L	99.2 mg/L		NA
Alkalinity as CaCO3	384 mg/L	379 mg/L		NA
Total Dissolved Solids	530 mg/L	504 mg/L		500 mg/L
PH	8	7.9		NA
Sulfide	ND	ND		NA
Ammonia	ND	ND		NA
Nitrate as N	ND	ND		10 mg/L
Nitrite	ND	ND		1 mg/L
Silicon Dioxide (Silica)	14.5 mg/L	15.1 mg/L		NA
Lead	Results From MDH Monitoring	Results From MDH Monitoring		.015 mg/L
Copper	Results From MDH Monitoring	Results From MDH Monitoring		1.3 mg/L
Total Organic Carbon	1.6 mg/L	1.5 mg/L		NA

ND - Not Detected

Lead and Copper:

Results can be found on Chaska's Annual Drinking Water Report (MN Dept of Health Required Testing)

Sodium Facts:

This Drinking Water Advisory recommends that the sodium concentration in drinking water not exceed a range of 30 to 60 mg/L because of possible adverse effects on taste at higher concentrations. Concentrations below 30 mg/L contribute less than 1.5% of the sodium in an average American diet and less than 2.5% of the present sodium guideline value, assuming consumption of 2 L of tap water per day. For a concentration of 60 mg/L, the comparable values are 3% and 5%.

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Contribute to drinking water hardness (Calcium/Magnesium)