



CITY OF SOUTH BEND

DEPARTMENT OF PUBLIC WORKS

South Bend Water Quality Parameters

Data obtained from analysis of water from all wellfields in 2021

Frequently Requested Water Quality Parameters	Range	Average
pH (s.u) SMCL range 6.5 - 8.5	7.1 - 8.1	7.5
Hardness (ppm as CaCO ₃) *	280 - 446	366
Alkalinity (ppm as CaCO ₃)	240 - 402	287
Calcium (ppm)	71 - 107	91
Sodium (ppm)	12 - 73	44
Magnesium (ppm)	25 - 36	32
Chloride (ppm) SMCL 250	42 - 166	94
Total Dissolved Solids (ppm) SMCL 500	361 - 643	499
Sulfate (ppm) SMCL 250	26 - 67	45
Ammonia (ppm)	ND - 0.07	0.03

*Average Hardness = 21 grains/gallon

ND: Not Detected

SMCL: Secondary Maximum Contaminant Level. Non-mandatory water quality standard level set as a guideline for drinking water aesthetic considerations such as taste, color, and odor. Parameters at an SMCL are not considered a risk to human health.

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