



CITY OF SOUTH BEND

DEPARTMENT OF PUBLIC WORKS

South Bend Water Quality Parameters

Data obtained from analysis of water from all wellfields in 2022.

Frequently Requested Water Quality Parameters	Range	Average
pH (s.u) SMCL range 6.5 - 8.5	7.1 - 8.0	7.4
Hardness (ppm as CaCO ₃) *	268 - 466	370
Alkalinity (ppm as CaCO ₃)	230 - 388	290
Conductivity (µS/cm)	622 - 1352	930
Calcium (ppm)	64 - 150	100
Sodium (ppm)	12 - 94	48
Magnesium (ppm)	29 - 41	35
Chloride (ppm) SMCL 250	36 - 180	93
Total Dissolved Solids (ppm) SMCL 500	344 - 741	528
Sulfate (ppm) SMCL 250	28 - 107	48

*Average Hardness = 22 grains/gallon

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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