

WATER QUALITY CONVERSION TABLE

Specific Conductivity (Micro-mhos/cm)	Specific Resistivity (ohm-cm)	Dissolved Solids Parts per Million (ppm)	Concentration CaCO₃ (mg/liter)	Concentration CaCO₃ (grains per gallon)
0.1	10.M	0.05	0.082	0.005
0.2	5.0M	0.1	0.164	0.010
0.4	2.5M	0.2	0.327	0.019
0.7	1.4M	0.35	0.547	0.034
1.0	1.0M	0.5	0.82	0.050
2.0	500k	1.0	1.64	0.096
4.0	250k	2.0	3.27	0.19
7.0	141k	3.5	5.74	0.34
10.0	100k	5.0	8.2	0.50
20.0	50k	10.0	16.4	0.96
40.0	25k	20.0	32.7	1.90
70.0	14k	35.0	57.4	3.4
100	10k	50.0	82	5.0
200	5k	100	164	9.6
400	2,500	200	327	19
700	1,410	350	574	34
1,000	1,000	500	820	50
2,000	500	1,000	1,640	96
4,000	250	2,000	3,270	190
7,000	141	3,500	5,740	340
10,000	100	5,000	8,200	500
20,000	50	10,000	16,400	960

Note: Parts per million (PPM), is commonly considered equivalent to milligrams per liters (mg/L).