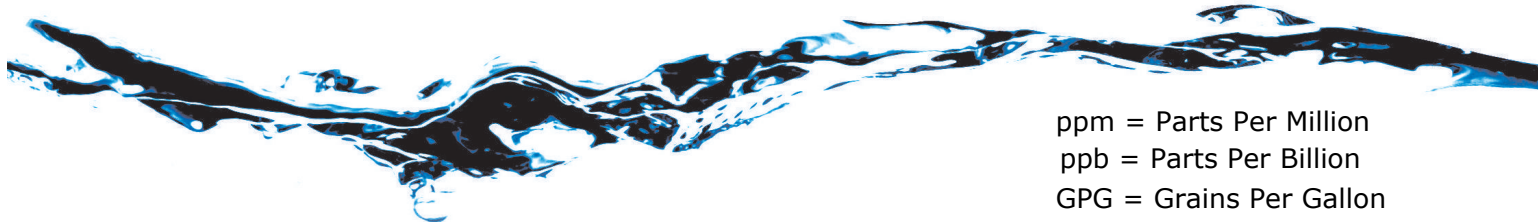


# Water Quality Conversion Chart

Ohms –  $\mu$ mhos – ppm – ppb - GPG

Servicing All Your Pure Water Needs



ppm = Parts Per Million  
ppb = Parts Per Billion  
GPG = Grains Per Gallon

| Resistivity<br>Ohms/cm <sup>3</sup><br>@ 25 C | Conductivity<br>Microsiemens<br>(Micromhos/cm <sup>3</sup> .)<br>@ 25 C | Dissolved Solids<br>(as CaCO <sub>3</sub> ) |      |      | Maximum<br>Possible | Minimum<br>Possible |
|-----------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------|------|------|---------------------|---------------------|
|                                               |                                                                         | ppm                                         | ppb  | GPG  | pH                  | pH                  |
| 18,000,000                                    | 0.056                                                                   | 0.028                                       | 28   |      | 7.8                 | 6.2                 |
| 16,000,000                                    | 0.063                                                                   | 0.031                                       | 31   |      | 7.9                 | 6.1                 |
| 14,000,000                                    | 0.071                                                                   | 0.036                                       | 36   |      | 7.9                 | 6.1                 |
| 12,000,000                                    | 0.083                                                                   | 0.042                                       | 42   |      | 8.0                 | 6.0                 |
| 10,000,000                                    | 0.100                                                                   | 0.050                                       | 50   |      | 8.1                 | 5.9                 |
| 8,000,000                                     | 0.125                                                                   | 0.063                                       | 63   |      | 8.2                 | 5.8                 |
| 6,000,000                                     | 0.167                                                                   | 0.083                                       | 83   |      | 8.3                 | 5.7                 |
| 4,000,000                                     | 0.25                                                                    | 0.13                                        | 125  |      | 8.5                 | 5.5                 |
| 3,000,000                                     | 0.33                                                                    | 0.17                                        | 167  |      | 8.6                 | 5.4                 |
| 2,000,000                                     | 0.5                                                                     | 0.25                                        | 250  |      | 8.8                 | 5.2                 |
| 1,000,000                                     | 1                                                                       | 0.5                                         | 500  |      | 9.1                 | 4.9                 |
| 500,000                                       | 2                                                                       | 1                                           | 1000 | 0.06 | 9.4                 | 4.6                 |
| 250,000                                       | 4                                                                       | 2                                           |      | 0.12 | 9.7                 | 4.3                 |
| 166,667                                       | 6                                                                       | 3                                           |      | 0.18 | 9.9                 | 4.1                 |
| 125,000                                       | 8                                                                       | 4                                           |      | 0.23 | 10.0                | 4.0                 |
| 100,000                                       | 10                                                                      | 5                                           |      | 0.29 | 10.1                | 3.9                 |
| 83,333                                        | 12                                                                      | 6                                           |      | 0.35 | 10.2                | 3.8                 |
| 71,429                                        | 14                                                                      | 7                                           |      | 0.41 | 10.3                | 3.7                 |
| 62,500                                        | 16                                                                      | 8                                           |      | 0.47 | 10.4                | 3.7                 |
| 55,556                                        | 18                                                                      | 9                                           |      | 0.53 | 10.4                | 3.6                 |
| 50,000                                        | 20                                                                      | 10                                          |      | 0.58 | 10.5                | 3.6                 |
| 45,455                                        | 22                                                                      | 11                                          |      | 0.64 | 10.5                | 3.5                 |
| 41,667                                        | 24                                                                      | 12                                          |      | 0.70 | 10.5                | 3.5                 |
| 38,462                                        | 26                                                                      | 13                                          |      | 0.76 | 10.6                | 3.5                 |
| 33,333                                        | 30                                                                      | 15                                          |      | 0.88 | 10.6                | 3.4                 |
| 25,000                                        | 40                                                                      | 20                                          |      | 1.2  | 10.8                | 3.3                 |
| 20,000                                        | 50                                                                      | 25                                          |      | 1.5  | 10.9                | 3.2                 |
| 13,333                                        | 75                                                                      | 38                                          |      | 2.2  | 11.0                | 3.0                 |
| 6,667                                         | 150                                                                     | 75                                          |      | 4.4  | 11.4                | 2.7                 |
| 4,000                                         | 250                                                                     | 125                                         |      | 7    | 11.6                | 2.5                 |
| 2,000                                         | 500                                                                     | 250                                         |      | 15   | 11.9                | 2.2                 |
| 1,429                                         | 700                                                                     | 350                                         |      | 20   | 12.1                | 2.0                 |
| 1,000                                         | 1000                                                                    | 500                                         |      | 29   | 12.2                | 1.9                 |
| 667                                           | 1500                                                                    | 750                                         |      | 44   | 12.4                | 1.7                 |
| 500                                           | 2000                                                                    | 1000                                        |      | 58   | 12.5                | 1.5                 |
| 400                                           | 2500                                                                    | 1250                                        |      | 73   | 12.6                | 1.4                 |