

What Are Total Dissolved Solids?

1. "Dissolved solids" refer to any minerals, salts, metals, cations or anions dissolved in water. This includes anything present in water other than the pure water (H₂O) molecule and suspended solids.
2. In general, the total dissolved solids concentration is the sum of the cations (positively charged) and anions (negatively charged) ions in the water.

Why Should You Measure the TDS Level in your Water?

1. Taste/Health High TDS results in undesirable taste which could be salty, bitter, or metallic. It could also indicate the presence of toxic minerals.
2. Filter performance Test your water to make sure the reverse osmosis or other type of water filter or water purification system has a high rejection rate and know when to change your filter (or membrane) cartridges.
3. Hardness High TDS indicates Hard Water, which causes scale buildup in pipes and valves, inhibiting performance.
4. Coffee/Tea For a truly great cup of coffee or tea, proper TDS levels must be maintained.

How do you Reduce or Remove the TDS in your Water?

1. Carbon Filtration Charcoal, a form of carbon with a high surface area, absorbs many compounds, including some toxic compounds. Water is passed through activated charcoal to remove such contaminants.
2. Reverse Osmosis Reverse Osmosis works by forcing water under great pressure against a semi-permeable membrane that allows water molecules to pass through while excluding contaminants. **RO is the most thorough method of large-scale water purification available.**

**Water Warehouse offers FREE TDS and other water tests.
684-3678**