

Water Quality Explanations

Ammonia - A colorless gas. (Ex: decaying plants, animals, and animal waste.)

Higher than 1.3 is a concern, level higher than 2.0 could kill fish.

Phosphate – A nutrient that is commonly found in fertilizers that promotes plant growth.

Above 15 is a concern.

Alkalinity – Amount of buffering capacity in H₂O.

Nitrite – Is a toxic by-product of pond life and over feeding.

Above 7 is high, above 10 is a concern.

Nitrate - A nutrient.

Above 7 is high, above 10 is a concern.

Hardness – How much calcium is in a pond, or lake.

Dissolved Oxygen , (DO) - The amount of oxygen in the water.

Lower than 4.0mg/L is cause for concern. 2.5mg/L and below can kill fish.

pH – Measure of acidity.

5.5 to 11.0 is normal.

Turbidity – Ability to see clarity in the water.