

WATER QUALITY AND AQUAPONICS WORKSHEET

Name: _____

Date: _____

Class period: _____

Fill in the blank.

A measure of water's ability to neutralize acids or resist changes that cause acidity, maintaining a stable pH of 8 or higher, is _____.

The amount of dissolved oxygen aerobic biological organisms need to break down organic material in a given water sample at a certain temperature over a specific time period is called the _____.

The amount of oxygen needed to oxidize organic matter in water is called _____.

The amount of oxygen present in water is called _____.

_____ reflects the amount of dissolved calcium and magnesium in water.

The name for $\text{NH}_3\text{-N}$: _____.

The name for $\text{NO}_2\text{-N}$: _____.

The name for $\text{NO}_3\text{-N}$: _____.

The quantitative measure of the acidity or basicity of water is called _____.

One of the major plant nutrients in soil essential for cell division and development of the growing tip of the plant is _____.

The level of heat present in water is _____.

A measure of the dissolved organic and inorganic substances present in water is called _____.

The amount of organic and inorganic particles suspended in water is called _____.

Word Bank

alkaline

ammonia nitrogen

biochemical oxygen demand (BOD)

chemical oxygen demand (COD)

dissolved oxygen (O)

hardness

nitrate nitrogen

nitrogen dioxide

pH

phosphorus

temperature

total dissolved solids (TDS)

total suspended solids (TSS)