



AQUA-AEROBIC SYSTEMS, INC.

A Metawater Company

# OZONE SYSTEMS

## Aqua ElectrOzone™ OZONE GENERATION SYSTEM

### Applications

- Taste and Odor Control
- Bleaching / Color Removal
- Oxidation
- Disinfection

### Markets Served

- Potable Water Treatment
- Wastewater / Water Reuse
- Industrial Applications



3900 PPD (12%) Generators at Wylie, TX

### How Ozone Generation Works

#### STEP.1

Oxygen ( $O_2$ ) gas passes between two electrodes under a high voltage environment.



#### STEP.2

Under a high voltage condition, oxygen molecules are converted into oxygen radicals (single  $O_1$ ).



#### STEP.3

Oxygen radicals ( $O_1$ ) react with other oxygen molecules to form ozone.



$O$   $O_2$   $O_1$   $O_3$

[www.aqua-aerobic.com](http://www.aqua-aerobic.com)