


# CLEAR

Water Quality ProBiotics™

- ▶ Adds active beneficial biological organisms to help restore a balanced water ecology
- ▶ Reduced organic sediment/muck on bottom of water way
- ▶ Reduced nitrogen and phosphorus levels in water
- ▶ Reduced Biological Oxygen Demand (BOD)
- ▶ Reduced algae growth
- ▶ Improved Dissolved Oxygen levels (DO)
- ▶ Improved Aquatic Eco-System performance

## Reduces nitrogen and phosphorous levels in ponds, lakes, and waterways to help restore a naturally balanced ecology system

Legacy CLEAR Water Quality ProBiotic is specifically designed to reduce Nitrogen and Phosphorus levels in ponds and waterways, thereby reducing algae growth, and to reduce organic material such as muck, ooze and peat on the bottom of the pond converting it to carbon dioxide and water.

The microbial organisms degrade organic and inorganic matter in the water, and in turn become nutrition sources up through the natural food chain for beneficial aquatic organisms such as zooplankton, insects and fish.



### Nutrient Reduction Technology

A simple delivery system containing a proprietary consortium of microbial based products, which include anaerobic and facultative anaerobic organisms for the purpose of bioremediation of ponds and waterways. Contains over 50 strains of selected naturally occurring Bacillus species. Includes enzymes, amino acids, vitamins to support beneficial microbial growth. Also contains oxygen releasing technology.



## LEGACY BIOSOLUTIONS

*Innovation from Nature's Own Laboratory<sup>SM</sup>*

1925 Market Square Boulevard  
 Waynesboro, Pennsylvania USA 17268  
 LegacyBioSolutions.com 800-269-3201



# CLEAR Water Quality ProBiotic™ for Pond & Lake Remediation

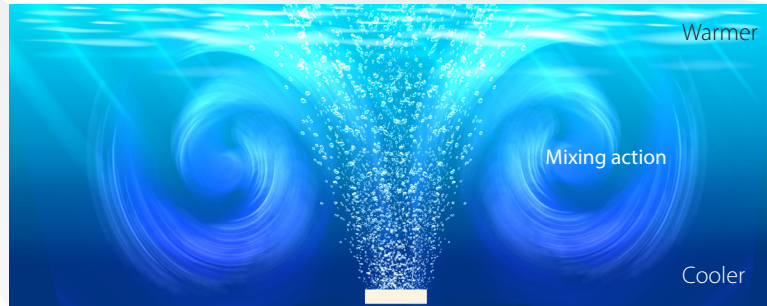
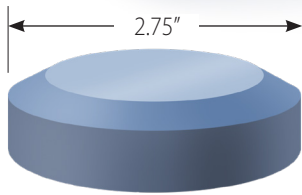
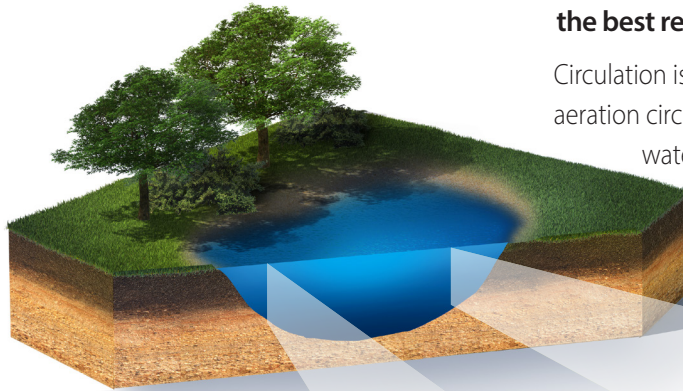


Legacy CLEAR Reduces Biological Oxygen Demand (BOD), and increases Dissolved Oxygen (DO) levels to support a healthy aquatic eco-system.

## Aeration from the bottom of a pond or lake typically provides the best results because it mixes the entire water column.

Circulation is important in a body of water like a pond or lake. Bottom aeration circulates water and carries oxygen through the various strata of water temperatures in the water column. Bottom aeration generates a circulation pattern something like a donut, where the aeration device is the hole of a donut shape (technically called a torus).

The cross section below illustrates the water circulation concept for bottom aeration.



Bottom aeration helps oxygenate all tiers of the water body.

Legacy CLEAR ProBiotic™ contains beneficial microorganisms that feed on excess nutrients and muck on the bottom. It is most effective when used with proper aeration.

### PHYSICAL PROPERTIES

<b>Product</b>	Eight (8) disks per pound
<b>Appearance</b>	Light blue tablets
<b>Solubility</b>	Water soluble
<b>pH</b>	7.0 - 7.5
<b>Effective pH range</b>	4.0 - 10.0
<b>Temperature range</b>	40° - 130° Fahrenheit
<b>Product stability</b>	Two years
<b>Initial application</b>	3 lbs. per acre/foot of water (350,000 gallons) followed by 2 lb. per acre/foot at 2 week intervals until desired water quality is obtained.
<b>Routine maintenance</b>	1 lb per ac/ft monthly as needed

### Storage and Disposal

Store in tightly closed original container  
Store in cool dry place  
Avoid direct sunlight

**Dispose in accordance with Federal, State and Local regulations.**



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