

EARTHTEC[®] **RESERVOIRS**

LESS ALGAE

EarthTec is a highly soluble, low pH algaecide/bactericide* containing a high concentration of biologically active cupric ions (Cu⁺⁺). Conventional methods involve treating for algae after bloom occurs, resulting in the need for high treatment levels and damage to non-target species. EarthTec allows long-term control and will prevent blooms from reoccurring without buildup of copper on the bottom.

LESS WORK

The dark blue liquid solution of EarthTec rapidly disperses, allowing even distribution without spraying or mixing, which greatly reduces labor costs.

LESS COPPER

The active ingredient in EarthTec is a highly biological active cupric ion (Cu⁺⁺), which is the only form of copper that is useful in controlling algae and bacteria. EarthTec contains a unique hydrotrope which allows a greater concentration under varying water conditions. The high content of biologically active copper in EarthTec results in less total copper being added to the environment. The release of the copper in EarthTec is controlled by biological demand instead of by water conditions which allows treatment prior to an algae bloom. The copper will not precipitate out of solution, instead it will remain fully dissolved indefinitely, thereby ensuring long-term algae control without overtreatment.

BENEFITS OF ALGAE CONTROL

- **Elimination of taste and odor in drinking water due to algae blooms**
- **Reduction in THM and HAA precursors**
- **Creates no known carcinogenic disinfection by-products (DBPs)**
- **Reduces or eliminates the need for other water treatment chemicals**



Certified to
NSF/ANSI/CAN 60

EarthTecWaterTreatment.com

800.257.9283

*Nonpublic Health Bacteria

EARTHTEC DOSAGE RATES

These rates are considered general and not harmful to fish when used as directed. Higher rates may be necessary depending on algae/bacteria species, water parameters, flow and other variables. To determine the most effective and economical application of EarthTec in your reservoir, please complete a Potable Water Reservoir Survey. With that information, we can customize a treatment program specifically for your facility.

FISH BEARING RESERVOIRS (0.06 PPM)

VOLUME IN GALLONS	INITIAL DOSAGE
100,000	12.8 ounces
326,000 (1 ACRE FOOT)	42 ounces
500,000	0.5 gallons
1,000,000	1 gallon

HELPFUL TIPS

- Apply early in the morning on a sunny day.
- Apply near the top of the reservoir where the water enters.
- EarthTec will rapidly disperse, so special equipment is not needed. Simply pour or pump EarthTec into the reservoir. In shallow water, (4 feet or less), apply very slowly or apply through a floating device on the end of a hose to keep EarthTec off the bottom.