

BLPA ALUM PROJECT

Our lake's clarity has steadily declined since the late 1990's from an average of 15', adjusted for seasonal variations. Now it is only at 5 FEET! **IT IS TIME TO TAKE ACTION!**

Alum (aluminum sulfate) is a nontoxic liquid that is commonly used in water treatment plants to clarify drinking water and is the same thing you buy at the grocery store spice rack for making pickles and other edible foods. It will not harm our fish or bird population. As the "floc" (fine captured particles) settles, the unwanted particles separate and settle to the bottom, leaving the lake noticeably clearer.



HERE'S THE SCOOP:

The BLPA Ecology Committee

Is highly recommending an Alum treatment for Big Bear Lake be done very soon.

Environmental and Development Activity has contributed to the clarity decline.

See website for these details and Lake Alert video!

www.blpa.net

We've Done This Before!

In 2008, Bear Lake received an Alum treatment that had considerable success! (See photo to the left!)

Bear Lake Needs Your Financial Support

By: Your BLPA Board

To abide by the North American Lake Management Society (NALMS) requirements, a detailed evaluation is being conducted by **Environmental Research and Design, Inc.**, to see just how much Alum should be released for optimal results. The treatment will not harm the fish, animals, or the environment. The City of Winter Park and Orlando have used it for years.

One low cost dose of alum will instantly double our water clarity! That kind of water clarity should boost or help maintain our property values. And not just the values of the lakefront residents either, the value of property with deeded access, and those in the entire watershed, and will help the Bear Lakes retain their reputation for being some of the cleanest lakes in Central Florida.



North American Lake Management Society (NALMS) – photo shows clarifying effect of Alum

From Dr. Harvey Harper

Alum is a safe and effective method to mitigate excess phosphorus in lakes and reservoirs. NALMS Position:

- 1. Alum is a safe and effective lake management tool.**
- 2. Alum applications should be designed and controlled to avoid concerns with toxicity to aquatic life.**
- 3. Watershed management is an essential element of protecting and managing lakes.**

In cases where watershed phosphorus reductions are neither adequate nor timely, alum is an appropriate tool to accomplish meaningful water quality objectives.

Lake Dot, Lake Holden In Orlando and Lake Virginia in Winter Park have had very successful Alum treatments!



For more than 30 years, the BLPA has worked diligently to preserve our beautiful lakes. The **mission** of our BLPA is to provide environmental and civic stewardship for the Bear Lakes watershed. This is achieved through water quality monitoring, scientific understanding, public education, governmental intervention, and watershed improvements for the enhancement and preservation of the water quality and biological integrity of clean lakes.

Invest to Protect Your Property Values!

Together we can “Turn our Brown Lake Blue”!



THE BOTTOM LINE: We can restore the water clarity for APPROXIMATELY \$300,000. Bear Lake currently has about 174 lakefront owners PLUS over 400 residents with deeded access. We need **EVERYONE** who lives on/near or loves our lake to contribute what they can. BLPA members will be around soon knocking on doors of those who have not yet contributed. **To donate:**

- Go to the website: [Donate – Bear Lake Preservation Association \(blpa.net\)](https://www.blpa.net).
- Mail check payable to BLPA , mail to:
P.O. Box 162605 Altamonte Springs, FL 32716-2605
- Questions: Call **Nancy Dunn** @ 407-920-4975/
nancylynn@cfl.r.com or
Bill Houston @ 407-721-0219/ Bill@familymg.com

NOTE: **The BLPA is a 501(c) (3) tax exempt organization.** An IRS approved receipt will be provided to you for your records. No goods or services are offered in exchange for this donation. No information is ever shared with others. A COPY OF THE OFFICIAL REGISTRATION & FINANCIAL INFO OF THE BLPA MAY BE OBTAINED FROM THE DIVISION OF CONSUMER SERVICES BY CALLING 1-800-HELP-FLA WITHIN THE STATE. REGISTRATION DOES NOT IMPLY ENDOSEMENT, APPROVAL OR RECOMMENDATION BY THE STATE.