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WINTER 2020

# GPA Newsletter

*News from the Georges Pond Association*

**Restoring the Pond**

## On Track for Spring 2020 Alum Treatment

**"Superior benefits and maximum longevity expected"**

Upon the recommendation of our water-quality scientists and consultants from the Maine DEP and elsewhere, the GPA Board is requesting proposals from several firms about conducting an alum treatment of the pond this spring, once ice is out.

The goal of an alum treatment is to restore the lake's natural chemical balance by increasing the amount of aluminum in the water which will, in turn, bind with excessive phosphorus and produce a non-toxic sediment that will sink to the pond's bottom. When properly applied in the correct dosage and locations, aluminum poses little risk to humans or to plant life, fish, and birds.

The recommendation is to treat all areas of Georges Pond deeper than 5 meters with a dose of aluminum between 35 and 45 g/m<sup>2</sup>. This represents an area of approximately 131 of the pond's 358 acres.

The estimated cost is between \$206,000 and \$265,000, depending on dosage and the area treated, for a one-time aluminum application although final costs will not be determined until a contractor has been selected.

Because fundraising goes through the end of 2020, the GPA does not yet have funds in hand for a complete Alum treatment in spring 2020, so we expect to conduct a second Alum treatment in 2021 or 2022, whenever sufficient funds are available.

As Ken Wagner of Water Resource Services, Inc., has pointed out, "A treatment could be performed incrementally; it does not have to be done all at once." The bottom line? "Superior benefits and maximum longevity would be expected from this approach."



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### MISSION STATEMENT

Members of the Georges Pond Association (GPA) are united to promote the protection and enhancement of the water quality of Georges Pond; preserve its ecological, economic, recreational and aesthetic value; and work with the members and other interested parties to monitor water quality and promote responsible land use practices.

Georges Pond Association is a 501(c)3 organization.

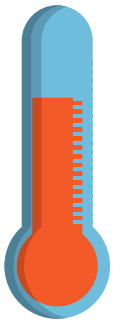
[GeorgesPondAssociation.org](http://GeorgesPondAssociation.org)



@GeorgesPondAssociation

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## Fund to Restore Georges Pond totals \$250,000



**112 donors**, including 19 friends of Georges Pond

\$200,000 received, \$50,000 pending

\$40,000 "Big Fix" restoration expenses paid to date



*Join the GPA's Honor Roll of donors today!*

## Ambitious 10-Year Watershed Plan Adopted

The GPA Board has adopted a ten-year **plan to protect Georges Pond** drafted by GPA's water-quality scientists Jennifer Jespersen and Whitney Baker from Ecological Instincts and Dr. Kenneth Wagner from Water Resource Services, Inc.

The **comprehensive** Watershed-Based Management Plan (**WBMP**) analyzes conditions within the pond and watershed, establishes water quality goals, and outlines strategies to restore and, equally important, preserve the pond's water quality for the future.

Because phosphorus feeds algae, the proposed strategy is to **reduce phosphorus levels** in the pond from a record high of 998 ppb (parts per billion) in the deep hole in October 2019 to a desirable (and achievable) **goal of 10 ppb**.

### GOAL

Georges Pond free  
of nuisance algal blooms.  
In-Lake P = 10 ppb

### INTERNAL LOAD

(P within the pond)  
Reduction: 90%  
Project: Alum Treatment  
Timeframe: 2020-2021

### EXTERNAL LOAD

(watershed runoff)  
Reduction: 10%  
Projects: LakeSmart,  
319 grant  
Timeframe: 2020-2029

## Watershed Plan, continued

An **alum treatment** is the **fastest and most cost-effective** way to achieve a 90% reduction in internal loading, **but** that **by itself** will **not** be **sufficient** to reach the target of 10 ppb. It will also be necessary to address external loading from the watershed into the pond.

**The lesson?** If we don't all **improve our properties** (e.g., LakeSmart), this Alum treatment won't last as long as it should.

The **GPA will continue its two-prong strategy** over the next decade of both in-lake and watershed remediation efforts, which the WBMP outlines in detail.

As the report concludes, "Georges Pond is clearly suffering from excessive internal loading and has enough ongoing watershed loading to warrant **both in-lake and watershed remediation efforts.**"

## HONOR ROLL: FUND TO RESTORE GEORGES POND

The GPA is enormously grateful to the following GPA members and friends of Georges Pond who have made pledges and/or donated **as of December 31, 2019.**

Anonymous	Michael Faulkingham	Mark and Rhonda Fortin Pierce
Jerry Abel and Tim Leavitt	Patricia Feezel	Marc and Elizabeth Ottinger
Dwight and Lynn Alley	Michael and Michelle Fielding	Dean Paine
Timothy and Ann Calbi Alley	Adam and Katherine Fisher	Elizabeth Penza
Sean Behan	Bruce Fisher	Marie and Walter Phero
Jim and Sharon Beyer	Charles (Dusty) and Ellen Fisher	Frederick and Karen Proctor
Joseph and Leona Bellai	Mark and Rhonda Fortin	Mark and Stephanie Reece
William and Royce Bellatty	Brian and Linda Friedmann	Matthew and Bethany Reece
Chuck and Carol Blatherwick	Rocco Fucetola	Ken and Fran Reed
Lucas Blatherwick	Stephen and Karen Garner	John Richardson
Rhonda Boynton	Arthur and Carolyn Gilbert	Clifford Rogers
Stuart and Lisa Branch	Todd Goodell and Jenel Thurlow	Jeff and Barbara Schaefer
Thomas and Julie Brenton	Lisa Grant and Jim Ashmore	Marnie Blaisdell Schulz
Leo and Susan Bunker	Bea Gray	Beverly Schuster
Jennifer and Scott Bunker	Christine Gray and Rhonda Moore	Warren and Sally Seddon
John and Callie Carr	William L. Green	Ted and Mary Jo Shen
Andrew and Justin Cooper	Paul and Ashlee Grindle	Lawrence Randy Sinclair
Nancy Cooper	Richard Hall	Margaret Slater and Lynn Bujnak
Lauren Cree	James Hanscom	Ian and Janet Staub
David Davenport and Damien Cuypers	Patricia Harriman	Gordon and Dawn Stewart
Harold S. Davenport	Christian and Danielle Hartley	Cary and June Swan
Kendall Davenport	Alicia Holdsworth	Aaron Tibbetts
Robin Davenport and Scott Patterson	Leon and Sonja Hubbard	Sheila Todd
Sandy Davenport and Jim Martin	Keith Herkatz	Kristen Tracey
Chuck and Susan Dawes	Ronald and Garnet Johnson	Hyla and Elizabeth Tracy
Roberta DeMuro	Bryant and Kathryn Kennedy	Marty and Gus Trowbridge
Rebecca West Dick	Roger and Angela Kennedy	John Walz
Ann Dorr	Yvette Kovats and Tony Detre	Col. Clifford West
Lynn Durkin	Michael Krantz	Eric and Stacy White
Eliasberg Family Foundation	Sam and Nancy Ladd	Michael and Cynthia Willhite
Claire Eliasberg and Andrew Moir	James and Rebecca McNally	Barbara Wing
Jake Eliasberg	Martin and Lorraine Mai	Corinne Wong
John and Ginger Eliasberg	Carole Mimeault	Brendan Woo and Annie Lin
Richard A. Eliasberg	Douglas and Margaret Moir	Greg and Sarah Woo
Marvin Ellison and Frank Brooks	Charles and Cheryl Moser	Joan H. Woo
Carl Erikson	Marjorie Nichols	Jeff and Jena Young
Gordon and Donna Erikson	Molly O'Dea	Leonard and Juanita Young
	Maurice Oliver	
	Maurice and Sharon Oliver	

*Please let us know if your name is missing from this list.*

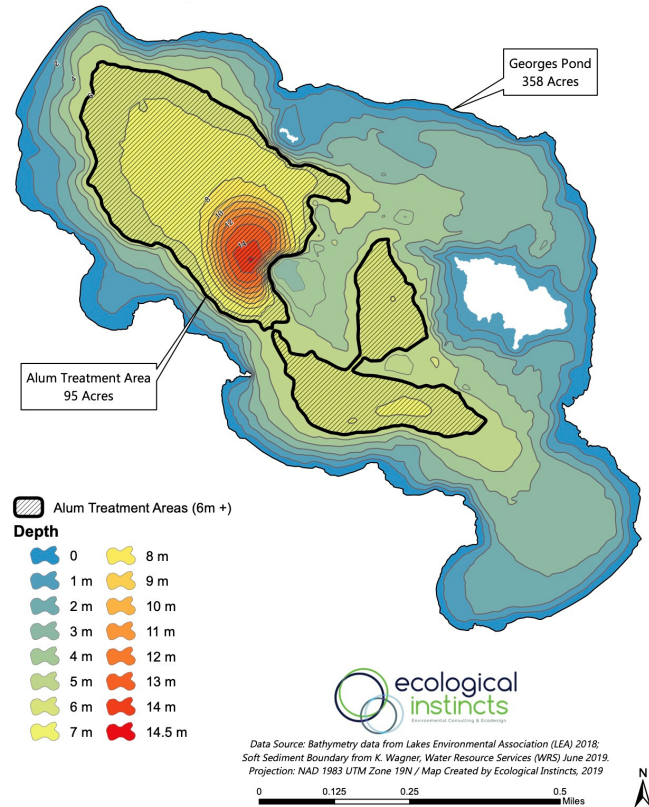
**ALUM TREATMENT  
PLANNED FOR  
SPRING 2020!  
(SEE FRONTPAGE STORY)**

**HAVE YOU RENEWED  
YOUR 2020  
GPA MEMBERSHIP?**

**SEND YOUR \$25 DUES TODAY!**

**SIGN UP FOR A LAKE SMART  
REVIEW OF YOUR PROPERTY AT  
[WWW.GEORGESPONDASSOCIATION.ORG/  
lakesmart-signup](http://WWW.GEORGESPONDASSOCIATION.ORG/lakesmart-signup)**

**AN ANONYMOUS DONOR WILL MATCH  
MEMBERSHIP DUES AND ALSO  
CONTRIBUTE \$25 FOR  
EACH NEW LAKE SMART SIGNUP.**



**Georges Pond  
Association**

PO Box 30  
Franklin, ME 04634