

Chautauqua Lake, A Great Lake Seeking a Greater Future

Chautauqua Lake Partnership

Rally

- Our slogan
 - “Chautauqua Lake, A Great Lake Seeking a Greater Future”
- Our message
 - Chautauqua Lake water quality is unacceptable and must be improved
 - Methods of the last 25 years aren’t working...it’s time to try something new
 - The Chautauqua Lake Partnership (CLP) has found it necessary to take the lead
- What do we need?
 - Open-minds and willingness to try alternatives to what’s been one solution
 - Visible support from those who are unhappy with the current lake situation
 - State and County leadership in support of CLP efforts at lake improvement

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- The problem
 - Unchecked growth and proliferation of invasive and native weeds
 - Weed fragments accumulate on near shore/shoreline/lake bottom
 - Rotting weeds form a near shore and shoreline foul-smelling “sludge”
 - Stench fouls shoreline and reaches into homes far from shore
 - “Sludge” facilitates growth of blue-green algae w/cyanobacteria/toxins
- CLP's solution
 - Public-private partnership - property owners and municipalities
 - Chautauqua Lake Partnership (CLP) - reinvigorated 2002 501c3 non-profit
 - +100% volunteer with >125 members and growing rapidly since formation in 4Q2016
 - Getting active/public support by Town of Ellery and Village of Bemus Point
 - Limited-scope Demonstration Projects utilizing methods not currently used
 - Future assistance to other Chautauqua Lake communities using results

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- Chautauqua Lake Partnership does not accept...
 - ...the Lake's decline is natural and to be expected...
 - ...the Lake's getting better and is the best it's been in years...
 - ...shoreline property owners expect a "swimming pool quality" Lake...
 - ...local governments can't or won't deal with Lake issues...
- Current approaches are not sufficient and new approaches must be tried
 - 83% respondents to public opinion survey said Chautauqua Lake quality "declining"
 - Current "one size" (weed cutting) does not "fit all" areas of the Lake
 - Weed cutting, used for 65 years and exclusively since 1992, isn't doing the job

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- Initial focus- Bemus Bay: self-contained, manageable, individuals/business
- 2017 Program: Bemus Bay Demonstration Projects
 - Weed Management: up to 60 acres along 2 mi shoreline from Summit Park Dr to the Stow Ferry Landing: permitting, notifications, treatment and assessment
 - Near Shore/Shoreline Cleanup: as needed along 2 mi shoreline from Summit Park Dr to the Stow Ferry Landing: development/deployment of safer/less labor intensive and more cost effective/reliable removal of weed fragments/sludge

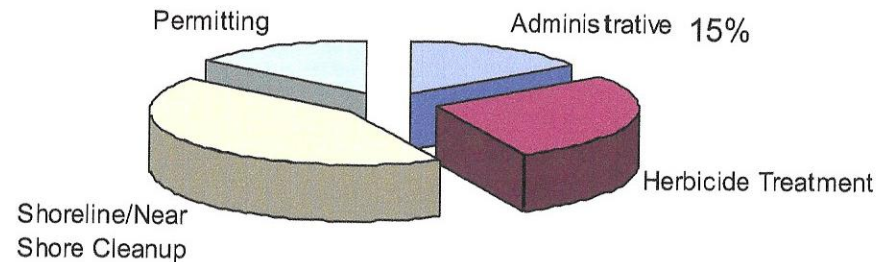
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• 2017 Program Budget

Permitting	\$29,750
Treatment	\$55,650
Shoreline/Near Shore Cleanup	\$85,000
Capital	\$40,000
Operating	\$45,000
Administrative	\$29,600
	<u>\$200,000</u>



Total: \$200,000: to be spent March-November 2017

Bemus Bay Weed Management Trial: \$85,400 (Permitting + Treatment)

- Permitting, notifications, herbicide treatment and post-treatment assessment

Shoreline/Near Shore Cleanup Trial: \$85,000 (Capital + Operating)

- Development and deployment of safer, more cost effective, more reliable and less labor intensive removal of weed fragments and rotted weed sludge

Administrative Support: \$29,600

- Administrative, legal and scientific and engineering consultant expenditures to support Weed Management and Cleanup
- CLP officers/members will not receive salaries or other remuneration