

DOCK SIDE

Shoreland Zoning News

Polk County has adopted a new version of the Polk County Shoreland Protection Zoning Ordinance. Some key changes in the ordinance include:

- Property owners are allowed to create a viewing corridor up to 35 percent of their lot width with a permit. (100 ft. lot X .35 = 35 ft. wide viewing corridor.)
- Every property is allowed up to 15 percent impervious surface without mitigation, but mitigation is required for over 15 percent.
- Each parcel can have a developed pedestrian access up to 5 ft. in width to access the water.
- Boathouses are allowed at 10 ft. from the ordinary high water mark, and can be up to 14 ft. x 26 ft. in size.
- Bunkhouses can be permitted with conditions.
- All structures are allowed maintenance and repair without a permit such as replacing shingles, windows, doors, and siding.

- Some nonconforming structures may be expanded if they qualify.

Please remember:

- A land use permit is required to remove trees or vegetation within 35 feet of the water (ordinary high water mark)
- A land use permit is required for all new construction and expansions of existing structures. A structure means a temporary or permanent principal structure or any accessory structure including a garage, shed, boathouse, sidewalk, stairway, walkway, patio, deck, retaining wall, porch, or fire pit.

Please contact the Polk County Zoning Office at: 100 Polk County Plaza Suite 130, Balsam Lake, WI 54810, 715-485-9279, before you begin your project so they can assist you in obtaining the necessary permits. ●

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[SEND US YOUR EMAIL](#)

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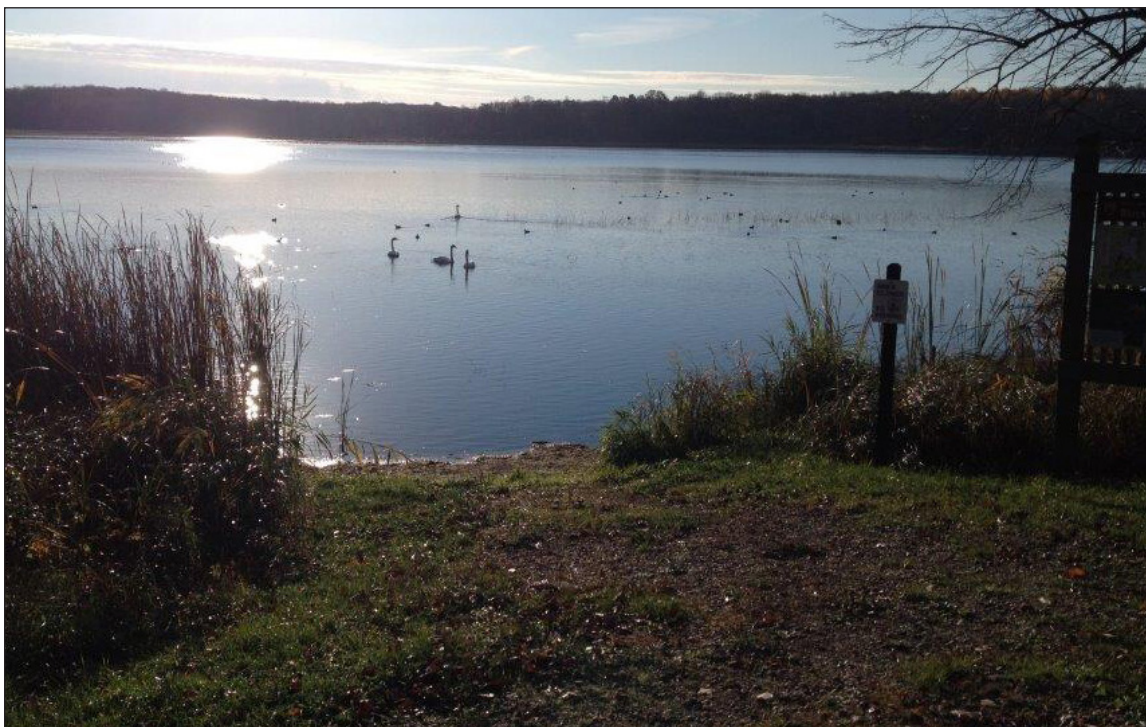
Zebra Mussels, an invasive species

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Annual meeting notice, agenda, financials, 2016 minutes

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Curly leaf pondweed profile



Trumpeter swans on Balsam Lake

CHAIRMAN'S LETTER



Tom and Mary Kelly

Top of mind as the summer lake season is in full swing is the beauty that the ever-changing seasons bring to our lake.

In respect to seasons, I imagine many you have noticed an increase in the curly leaf pondweed (CLP) beds, especially in the main basin of the lake.

CLP is designated an Aquatic Invasive Species. The BLPRD has treated a number of these beds in the main basin with the intent of mitigating its growth and possibly eradicating it but with little to no effect. Currents and flow disperse the chemicals, rendering chemical treatment ineffective, hence the reason we purchased our harvester.

The 2016-17 winter/spring season brought an interesting challenge in respect to CLP growth. We anticipated 80 acres of CLP based on mapping in the spring of 2016 and we now have the privilege of dealing with 100+ acres in the 2017 season.

Logical question is why?

Our DNR water quality specialist leads us to believe "The increase in CLP is likely due to natural variation due to weather. The *turions* (seeds shaped like tiny pine cones) are in the lake sediments and respond when conditions are right. Mild winters with late ice up and early ice out and light snow pack tend to foster healthy CLP populations."

And did it grow! Our BLPRD biologist is quoted "It's a gangbuster year for CLP – I think it's the worst I've ever seen."

Virtually days before the Memorial Day weekend the CLP beds canopied and were a visible impediment to navigation and recreation. Our harvesting team was given the go ahead by our biologist the week following Memorial Day and worked hard to treat the CLP beds in a timely manner. The intent of harvesting the CLP beds shortly after they canopy is to remove the turions of the plant and hopefully diminishing new growth the following season. ●

— Tom Kelly

Harvesting curly leaf pondweed on Balsam Lake

FROM THE SECRETARY

Email mailing list forming

The Balsam Lake Protection and Rehabilitation District publication *Dock Side* is currently provided to all documented lakeshore owners through the mail. We have mailing information for this group, but are sadly lacking in email capability.

To provide more timely and detailed information to you we would like to compile an e-mail distribution list. In the future this list could be used for distribution of the *Dock Side*. Please send your email address to us at blprd76@gmail.com. Thanks for your help in improving communications with the BLPRD. ●

Contact us

Please contact the commissioners with any questions, comments or concerns you have.

Commissioners meet on the third Saturday of the month, starting at 8:30 a.m. at Polk County Business Center, lower level conference room. You are welcome to attend the meetings.

Meeting Schedule

June 17, 2017
September 16, 2017
October 21, 2017
November 18, 2017
December 16, 2017

Balsam Lake Protection & Rehabilitation District Commissioners

Tom Kelly, Chairman

1849 Orchard Hill
Mendota Heights MN 55118
612-508-0879
Email: tkelly56@comcast.net
Term Expires 2019

Ed McGlynn

6900 Agave Cove
Austin TX 78750
Home: 512-418-2910
Lake: 715-857-5202
Email: edmcglynn@sbcglobal.net
Term Expires 2018

Bill Mork, Vice Chairman

3585 Birchpond Road
Eagan, MN 55112
763-699-7792
Email: bmork@wmmorkco.com
Term Expires 2017

Rod Preble

815 Park Drive
Balsam Lake, WI 54810
Cell: 715-497-8913
Email: rod.preble@outlook.com
Term Expires 2017

Ray Sloss, Treasurer

1339 Madison St.I
Hastings MN 55033
612-965-6455
Email: srsr01@outlook.com
Term Expires 2018

Steve Rediske

805 Park Dr.
Balsam Lake WI 54810
Home: 715-485-3780
Cell: 612-206-3165
Email: basicallybalsam@yahoo.com
Term Expires 2017
(Appointed by the Village of Balsam Lake)

Dave Mariani, Secretary

1875 Pine Island Park St.
Balsam Lake, WI 54810
Home: 651-492-3313
Email: dmmaria@msn.com
Term Expires 2019

www.blprd.com



Zebra Mussels

Zebra mussels are one of the most widespread, invasive freshwater animals in the world. Help prevent their introduction to Balsam Lake

The species was originally native to the lakes of Southern Russia and Ukraine as far back as 1769. They spread rapidly because they attach themselves to hard surfaces such as the bottom of boats, motors, anchors and inside freshwater intake valves. They are often extremely small and easily overlooked at the water access. Once they are introduced into a lake they spread uncontrollably.

The lifespan of a zebra mussel is four to five years. A female zebra mussel begins to reproduce within 6-7 weeks of settling. An adult female zebra mussel can produce 30,000 to 40,000 eggs in each reproductive cycle, and over 1 million each year.

The eggs produce a tiny larva called a *veliger*. The veliger feed on algae and grow for about three weeks during which time wind and the current of the water carries them over large distances. Eventually they attach to the lake bottom and other surfaces where they grow to reproductive size after 12-18 months. Adult zebra mussels are 1/4 to 1-1/2 inches long and have a wedge shaped shell with razor sharp edges. Due to their enormous population growth and capacity to filter algae they greatly impact on fish populations and other native species in infested lakes. They attach to docks, lifts, boats, etc. and cut swimmers feet with their sharp shells. Their impact may also greatly reduce lakefront property values.

Prevention techniques

In September, 2016, a zebra mussel was identified and confirmed in nearby Deer Lake. As of this date, no additional zebra mussels have been found in Deer Lake.

Zebra mussels have not been found in Balsam Lake.

In order to prevent the spread of this very destructive invasive species you should be able to identify them and 1) Clean all watercraft, trailers and water-related equipment before leaving shoreland property; 2) Drain your boat, ballast tanks, bilge, livewell and any portable bait containers before leaving the lake access; 3) Dispose of unwanted bait and fish parts in the trash; 4) Dry your boat for at least 5 days if you have been in infested waters.

Or, as the commentary article in the May 13, 2017 Minneapolis Star and Tribune suggests, close all boat landings on lakes with known invasive species.

Monitoring conducted by the U. S. National Park Service since the mid-1990s focuses on water bodies in Polk County with a likely threat to the St. Croix River, conducting veliger tows at Bone Lake, Balsam Lake, and Deer Lake. The USFWS current list of monitored lakes in Polk County includes Cedar, Big, Wapogasset, Deer, Long, Loveless, Balsam, Half Moon, Bone, Big Round, and Big Butternut. ●

Check your boats, docks, lifts and other equipment in the fall when removing them from the water. If you notice mussels, contact BLPRD commissioner Bill Mork.

An adult zebra mussel can grow to 1-1/2 inches long. Right, a zebra mussel invested lake bottom in Minnesota.



Veliger tow

It is possible to detect larval zebra mussels (veligers) in the water by sampling with a fine mesh net towed behind a boat for a designated distance. The contents are sent to a lab for analysis. If veligers are present, it indicates zebra mussel reproduction is occurring.

Plate/settlement samplers

Zebra mussel settlement samplers are surfaces on which zebra mussels will attach after they complete their larval (veliger) stage. The USFWS currently monitors plate samplers at Balsam Lake landings and other nearby lakes.



Learn more

To review invasive species prevention steps, go dnr.wi.gov/topic/invasives/prevention.html



Public Notice

BALSAM LAKE PROTECTION AND REHABILITATION DISTRICT
41st Annual Meeting will be held Saturday, July 15, 2017, 8:30 a.m.
Unity Middle School Cafeteria, 1908 150th Street, HWY 46 N, Balsam Lake
(enter through doors on playground side of school)

Agenda

- 1) CALL TO ORDER
- 2) COMMISSIONERS AND GUESTS PRESENT
- 3) APPROVE AGENDA
- 4) APPROVE MINUTES OF JULY 16, 2016 ANNUAL MEETING
- 5) REPORTS
 - Opening Comments – Tom Kelly
 - Core Study – Jeremy Williamson Polk County Land and Water Resources Dept.
 - Water Quality / Aquatic Plant Management / Recreation / Navigation
 - East Balsam – Ed McGlynn
 - Healthy Lakes 101 – Tom Kelly
 - Harvesting – Rod Preble
 - Clean Boats Clean Waters – Ray Sloss
 - CLP Treatment – Ray Sloss
 - Aquatic Invasive Species – Bill Mork
 - Dredging – Rod Preble
- 6) RESOLUTION
 - Amend By-laws to include:
Special Meetings shall only be held between Memorial Day and Labor Day
- 7) TREASURER REPORT
 - 2016 Annual Report and 2017 YTD / 2018 Budget
- 8) OLD BUSINESS
- 9) ELECTION RESULTS
- 10) NEW BUSINESS
 - Long Range Plan Update - Tom Kelly
- 11) ADJOURN

Voter registration

At any annual meeting or special meeting of the Lake District where voting will take place, registration is required. The voter registration list is acquired from the Polk County Treasurer and the county real estate tax rolls.

Voting rules are specified by Wis. Stat. §33.01(9)(ar), §33.30(3)(a), §33.30(3)(b)

Who can vote

To vote at annual meetings of the lake district, a voter must be a U.S. citizen over 18 years of age who is either:

1. An elector (a qualified voter who resides in the District);
2. A person who owns title to real property and that person's legal spouse (even if the spouse's name does not appear on the tax roll);
3. A person who is the official representative, officer or employee authorized to vote on behalf of a trust, foundation, corporation, association or other organization owning real property in the district.*

If a person is not named on the tax roll it is up to that person to provide evidence to the District that he/she is owner of property or a designated representative of an organizational property owner. Evidence may be in the form of

- a copy of a deed indicating ownership, or
- a letter on the stationery of an organization owning property which clearly authorizes the person to vote on behalf of that organization.

Each qualified voter is entitled to cast one vote at the annual meeting. Ownership of more than one parcel of real estate within the district does not entitle the owner to more than one vote. Commissioners appointed by the county or town/village/city are eligible to vote at the annual meeting only if they qualify as lake district property owners or electors. No absentee ballots or proxies are permitted.

*Corporations, governmental bodies, trusts and other organizational owners are treated as single owners with one vote. When a property is recorded in a trust, corporation, association or other organization, then the members of that organization must designate an official representative to vote on their behalf. Trust members who reside in the District can each maintain their individual voting eligibility at an annual meeting. Trust members who reside outside the District collectively receive one ballot for annual meeting votes.

BALSAM LAKE PROTECTION & REHABILITATION DISTRICT

Minutes: Annual Meeting July 16, 2016, 9:00 a.m.

Unity School Auditorium, Balsam Lake

1) CALL TO ORDER

- The annual meeting of the BLPRD was called to order by Chairman Ray Sloss at 9:05 a.m.

2) APPROVE AGENDA

- A motion to approve the agenda was made by Jan Kreminski and seconded by Ron Helms. Approved with amended changes:
 - After bullet item #5, call for nominations from the floor
 - Bullet item #4 also report on dredging
 - Add minutes from the March 2016 special meeting
 - Read minutes from the March 2016 special meeting
 - Votes concerning bullet item #5 & 8 will be done with paper ballots

3) APPROVE MINUTES of JULY 18, 2015 ANNUAL MEETING

- A motion to approve the minutes of the July 18th, 2015 annual meeting was made by Jerry Patten and seconded by Ron Helms. Motion approved

4) REPORTS

- Opening Comments, Ray Sloss
 - Activities completed this year:
 - o Conduct meetings according to state statute 33.30
 - Accomplishments:
 - o Purchased a Harvester
 - o Curly Leaf Pondweed herbicide treatment was successful
 - o CBCW
- Clean Boats Clean Water (CBCW), Ray Sloss
 - Going very well, number of people talked to and hours worked are both up over last year
- Aquatic Plant Management, Ray Sloss
 - We treated a total of 65.45 acres
 - Matt Berg said it was a huge success
- Dredging, Rod Preble
 - Denmark Study very closely related to Balsam Lake
 - PACE samples (to find out phosphorous levels) were taken from :
 - o East Balsam- 790 mg
 - o Pine Island- 570 mg
 - o Raskin 1 (undisturbed)- 558 mg & 2 (disturbed)- 212 mg
 - o Town Bay- 283 mg
 - o Millpond- 203 mg
 - o Peterson Trail- 255 mg
 - o Little Balsam- 162 mg
 - o Forest Circle- 117 mg
 - Good option to use in many areas of the lake
 - Status of Permits:
 - o Data Collection
 - o Will need 3 separate permits
 - o Engineering Solutions: Dewatering bags, areas to lay them down, need to leave in place 6 mo to 1 year
 - o Checking into area businesses who may be interested in the sediment that is taken out of the lake
- Harvester, Rod Preble
 - \$59,000 grant awarded
 - Purchasing committee tasks:

- o Visit area lakes
- o Create detail bid document
- o On site manual
- o Inland harvester was selected
- o We have a permit to do 80 acres
- When harvesting will begin:
 - o Harvester delivery is expected within 2 weeks
 - o Will go in the water the day that we receive it
- If you believe that you have a navigation problem:
 - o Contact BLPRD at www.blprd76@gmail.com
 - o Describe your problem
 - o Provide name, address and phone number
 - o Will be reviewed by WDNR in a timely manner
 - o Will reply to you in a timely manner once WDNR replies
 - o Cannot cut between docks or in areas that are not approved
- Discussion and comments after presentation about dredging
 - o Work with someone who knows what they are doing
 - o Presentation seemed to be very biased
 - o Why is Raskin Bay #1 on the list?
 - o Harvest weeds for a year and see if we would need to do dredging
 - o What's the role of the homeowners?
- East Balsam, Ed McGlynn
 - Current Situation – East Balsam
 - o The basin is shallow, averaging 9.5 feet
 - o High retention time averaging 2 years (compared to <.85 years for main basin)
 - o High phosphorous internal loading (>50 mg/liter)
 - o Low iron to phosphorous ratio in bottom waters
 - o Not enough iron to control phosphorous loading
 - o High 'mobile' P driving seasonal algae blooms
 - o Classified by WDNR as an impaired basin in 2014
 - Progress Made
 - o East Balsam Watershed study completed 2015
 - o Elevated, but not above State's threshold limit of 6
 - o Internal Phosphorous loading sediment study done
 - o U of W Stout, Center for Limnology research
 - Next Steps
 - o P-loading follow up study – UW Stout, summer of 2016
 - o Evaluate alum treatment alternatives & cost - 2017
 - o Continue community education to reduce land runoff
 - o Review possible alternative remediation options for basin
 - o Explore funding options (319 fund, grants)
- Healthy Lakes, Tom Kelly
 - Native Planting Program – Improve your Balsam Lake waterfront & get 75% of your cost reimbursed
 - Collaborative effort between lakeshore owners, BLPRD, and Healthy Lakes program
 - Who can take advantage of this, and cost
 - o Shoreline owners
 - o Your out of pocket expense would range between \$100-\$300
 - Key project dates
 - o Introduce Healthy Lakes at annual meeting
 - o Additional information & application provided in Dockside, September issue
 - o Application from shoreline owners due December 1, 2016
 - o Grant submitted by February 1, 2017

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**Minutes: Annual Meeting July 16, 2016, 9:00 a.m
continued —**

- o Grant funded by April 2017
- o Site assessments completed by May 2017
- o Project installations June-September 2017

5) RESOLUTION AMENDMENT DISCUSSION

- The board requested authorization to borrow \$95,880 for the purpose of purchasing dredging equipment
- The lender required an addendum to the original paperwork which is quoted as follows;
 - It is therefore resolved that dredging resolution 02-2015 language be changed to include: The Board of Commissioners of Balsam Lake Protection and Rehabilitation District is hereby authorized to borrow the sum of ninety-five thousand eight hundred dollars and no/100 (\$95,800.00) for the purpose of financing the purchase of a dredging machine and support equipment AND, levy upon all the taxable property of the District a direct and irrevocable annual tax for the purpose of paying, and sufficient to pay both the interest on the loan as it comes due and to repay the principle within 10 years of making the loan.
 - A motion was made by Jan Kreminski and seconded by Caroline Rediske to accept the amendment. Passed 96 'Yes', 59 'No'.
 - Discussion: Questions were raised if this was to approve the buying of a dredging machine. No, it is not, the board was approved at the last annual meeting to purchase a dredging machine.
 - Why not just wait to purchase a dredging machine until we see how well the harvester does?
 - Why is Raskin Bay first on the list to be done if the purchase of the dredging machine goes through?
 - A motion was made by Tom Russel to postpone the dredging amendment and before it could be seconded by Terry Nigon, the motion was ruled out of order.
- A motion was made by Renee Pardello and seconded by Jeanne O'Connell to amend the bylaws that all special meetings occur between Memorial Day and Labor Day. Passed 68 'Yes', 59 'No'.
 - Discussion: The board was elected to do a job. What will happen if a decision needs to be made immediately and it's not in-between the time frame you just set? Everyone is gone and on vacation, they can't get back to be here for special meetings that may or may not require a vote.
 - A motion was made by Denise Pardello to amend the motion by Renee Pardello – they could have the meeting and vote, but the dollar amount couldn't be above \$50,000. With there being no second, the amended motion failed.

6) RESOLUTION DISCUSSION

- Add a provision to the bylaws to allow a single signature on a check, or to enter into obligation approved by the board that totals \$2500 or less. Checks or obligations approved by the board greater than \$2500 shall require two signatures. The signatories shall be members of the executive committee.
 - A motion was made by Dick Miller and seconded by Jeanne O'Connell to approve the signature resolutions. Approved.

7) TREASURERS REPORT

- Budget Summary:
 - Account Balances:
 - o Checking Account: \$34,070.50
 - o Balsam Lake Protection Fund Check:.. \$26,560.16
 - o Savings: \$ 7.47
 - o Total: \$60,638.13
- Audit Report
 - A motion was made by Jean Hall and seconded by Jeanne O'Connell to remove \$5,000 from the budget of conservancies
 - o Discussion: What is this money used for? Why do we want to purchase this property?
 - o It was then explained that the \$5,000.00 will be used for a market analysis and if it all goes well, then an offer is made with the contingency that it passes with a vote at the next annual meeting
 - o Jeanne O'Connell withdrew her second, therefore the motion failed to proceed
 - A motion was made by Jan Kreminski and seconded by Ron Helms to increase the CBCW by \$5,000 so it will now be at \$30,000.00. Motion Approved.
 - A motion was made by Pam Schiller and seconded by Jan Kreminski to accept the Budget and Audit reports as amended. Motion Approved.

8) OLD BUSINESS

- Implementation program for the harvester and make it more public
- Put it on the website

9) ELECTION – ELECT ONE COMMISSIONER

- Tom Kelly – 109 votes
- Andy Whilhoit – 28 votes

10) NEW BUSINESS

- None

11) PUBLIC COMMENTS

- Denise Pardello thanked all the commissioners, and the assembly agreed with her

12) ADJOURN

- There being no further business, a motion was made by Pam Schiller and seconded by Jan Kreminski to adjourn the meeting by 11:45 am. Approved.

Meeting notices

Notices of the meeting and agenda are posted several days before the meeting at the following locations:

Village of Balsam Lake
404 Main St
Balsam Lake, WI

Jonzy Market
1043 185th Ave
Balsam Lake, WI

Balsam Lake Post Office
308 Pearl St
Balsam Lake, WI

BLPRD 2017 ANNUAL MEETING

**BALSAM LAKE PROTECTION AND REHABILITATION DISTRICT
BUDGET FOR 2018**

	2016 Actual	2017 MAY YTD	2017 Budget	2018 Budget
REVENUE				
TAXES	164,417	91,463	159,100	164,000
INTEREST CHECKING/CD/SAV	195	102	100	100
GRANTS	108,368	16,000	30,000	30,000
LOTTERY CREDIT	1,583			
MISCELLANEOUS	548	1,492		
TOTAL REVENUE	275,111	109,056	189,200	194,100
COST OF OPERATIONS / APPROPRIATIONS				
BOARD - ADMINISTRATION¹	2,087	395	8,000	8,000
COMMISSIONER EXPENSES²	10,045	1,512	7,000	7,000
Mileage			4,000	4,000
DUES/SCHOLARSHIP	750		1,000	1,000
POSTAGE	1,791	750	2,000	2,000
PRINTING	8,829		9,000	9,000
RENT	1,350		2,000	2,000
AQUATIC PLANT MANAGEMENT	42,109	900	50,000	48,000
Permits		1,495		
Herbicide contractor				
Lake biologist survey				
Harvesting operation			6,500	7,500
CLEAN BOATS CLEAN WATERS	41,121	1,088	30,000	40,000
WATER RUNOFF PROGRAM	1,032	660	5,000	5,000
WATER QUALITY PROJ	15,245	3,000	10,000	10,000
HARVESTER PROJECT	179,419			
BCPL Loan #02016142.01	(167,645)			
LOAN PAYMENT	29,350	19,514	20,200	19,600
INTEREST ON LOAN	528			
LAKE MANAGEMENT SERVICES	3,615	4,129	5,000	5,000
- Portable Toilets				
- Signage				
- CONSERVANCY		2,700	5,000	
VOBL DAM MAINTENANCE	5,000	5,000	5,000	
LONG RANGE PLAN				5,000
*EQUIPMENT MAINT & STORAGE	2,755	742	3,000	10,000
CONTRACT SERVICES				
ACCOUNTING	1,040	388	7,000	2,000
INSURANCE/BOND	3,896	3,703	5,500	5,500
LEGAL			2,500	2,500
OTHER CONTRACT SERVICES	1,136	514	1,500	1,000
- Includes Website maintenance				
TOTAL OPERATING COSTS	183,452	46,489	189,200	194,100
Balance Operating Fund	91,658	62,567		
BALSAM LAKE PROTECTION FUND REVENUE				
Balance Forward	26,560	73,187		
Transferred from 2016 Operating Account	46,627	91,658		
Loan Pymnt BCPL		-29,511		
	73,187	135,334		
Balance Protection Fund	73,187	135,334		
LISTED CAPITAL & MAINTENANCE PROJ				
	Year	Balance		
	Approved	of Authorized		
		as of 01/01/17		
RICE CREEK SEDIMENTATION	2006	50,575		
AIS RAPID RESPONSE PLAN	2011	10,000		
*DREDGING MACHINE	2015	95,880		
BUILDING	2015	29,120		
TOTAL		185,575		

¹Includes annual meeting expenses, administrative support, operations supplies, safety deposit box and office equipment.

²Includes meeting attendance, commissioner expenses, annual commissioner 'Thank you dinner,' convention expenses, books, subscriptions, reference materials, commissioner project activity expenses.

Dock Side

Balsam Lake Protection & Rehabilitation District
P.O. Box 202
Balsam Lake, WI 54810

Curly leaf pondweed

Potamogeton crispus

- Submersed plant with wavy leaves that resemble small lasagna noodles.
- Spaghetti-like stems reach the lake surface by mid-June or earlier.
- Leaf texture is crispy.
- Prefers water depths of 3 -10 ft.

Vegetative buds (turions) resemble small brown pine cones. Actual size 1-2 cm.

