

Beaver Dam Lake Management District June 2018

Editor: Nancy Bentz

www.beaverdamlake.org

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Letter from the President

Over the past 5 years as President of the Beaver Dam Lake Management District – BDLMD, I often think of the following motivational sayings. The first is, “If you never start a race you will never finish”, author unknown, and “Success is a sum of small efforts, repeated day in and day out” by Robert Collier.

The postponed funding for the engineering study of the highway 63 “bridge” (box culvert) was finally approved by the WDOT. The 50% funding match with the WDOT was approved at the 2016 BDLMD annual meeting. A new contract with the City of Cumberland was signed and the work will begin as soon as an engineer is assigned. The study will incorporate public input for surface use such as pedestrian, recreational vehicles, bicycles, etc. as well as consideration for water flow and water craft navigation. You may recall that the study is necessary to have an approved design in place should the current structure fail prior to the end of the design life.

The South West Library Lake storm water pond complex was completed in May following the tie in of the existing catch basins to the sediment tank and sediment retention basins. The start of this effort began in 2016. Slowly but surely, each part of the project fell into place. In Feb. 2017, two WDNR Lake Protection Grants totaling over \$250,000 were applied for and awarded. The property on the north half of the complex was purchased in April 2017 while the south half was donated by Cumberland Healthcare Inc. just prior to the start of construction. The construction started in Nov. 2017, with the removal of the trees and stumps, excavating and shaping the 4 sediment basins, planting of trees, shrubs and seeding. Unfortunately there are always the unforeseen challenges. A major gas distribution line needed to be lowered to allow clearance for the concrete storm water pipe, the connecting concrete pipe needed to be routed because the vertical distance between the pipe and road bed was insufficient and the existing storm water pipe going west up the highway 63/48 hill was lower than what was expected requiring additional roadway to be excavated to achieve the needed elevations. I understand that the WDOT approved detour route was frustrating for some drivers. The goal was to minimize the temporary disruption to less than one week. Having the paving completed within that

time prevented additional detouring traffic beyond the one week goal. Big thanks to Dresel construction and the City of Cumberland personnel for a job well done.

The continuing battle to keep Eurasian Water Milfoil under control started again on Jan. 31st. A meeting with the WDNR, Barr Engineering and Lake Restoration was held to plan the 2018 treatment plan for Eurasian Water Milfoil (EWM) and Curly Leaf (CLP) pond weed. The treatment plan was approved by the WDNR and consisted of herbicide treatment of larger EWM areas especially Tiger Bay, Norwegian Bay and City Bay with 2-4D. Smaller areas of EWM were treated with Diquat, a more point of contact herbicide. All locations were treated by June 6th. Some areas too small for herbicide consideration will be removed using the Lake Districts DASH (Diver Assisted Suction Harvester). You won't question what the DASH looks like when you see it in operation.

In a previous "A View from the Lake" article I referenced that the Beaver Dam Lake Management District, (BDLMD), applied for a WDNR Lake Protection grant to support storm water infrastructure upgrades along Jeffery Blvd. and 3rd Ave. The grant in the amount of \$200,000 was awarded to the BDLMD. The matching funds for this grant is included in the 2018/2019 BDLMD proposed budget. Engineering of the upgrades to the various catch basin and outfall infrastructure is currently being looked at by Emmons & Olivier Resources, Inc. – EOR. The present schedule is to do the work after Labor Day.

Everything the BDLMD undertakes on a yearly basis happens because of the continued support of the Lake District residents. With your continued backing, the lake will remain the jewel of Barron County. Future projects such as the construction of the Library Lake SE Storm water pond, the removal of some or all of the vegetative growth in the east end of Library Lake, monitoring and addressing the continued threat of invasive species should help to maintain or improve the overall quality of the lake.

As in past years, I want to thank the Commissioners, volunteers, and public officials for their time and involvement in the various BDLMD meetings and projects over the past year. A special "Thanks" to Commissioner John Epple for his leadership in coordinating the Fish Sticks project and time working on the DASH. The supportive and collaborative relationship with Mayor Skinner and all the City staff is appreciated. The continuing success of the Lake Districts efforts relies on maintaining the relationship with employees of the WDNR. Alex Smith, Jane Malischke, Mark Sundeen, Dan Harrington, our local WDNR contact Vicki Nelson and others, have been essential element to the Lake District success. Tyler Gruetzmacher – Barron County Soil and Conservation specialist continues to work with me to control the level of the Lake. I also want to recognize the contractors that supported the BDLMD programs and projects over the past year. They are Edmond Oliver Resources - EOR, Lake Restoration, Barr Engineering, Endangered Resource Services, Erickson Excavation, Desantis Excavating and Underground Utilities and Fitzgerald Excavating and Dresel Construction.

There are many other lake topics and matters that I could write about, but those will need to be covered in future "A view from the Lake" articles.

My vision for the future of Beaver Dam Lake is that the lake can remain free of additional invasive species, that those invasive species that currently exist in the lake can be controlled or eradicated, that those who live on the lake or are visitors are conscious of their potential impact on the lake, that those recreating on the lake do so in a safe and responsible manner and last that we continue to move forward in addressing the challenges that threaten our wonderful asset, Beaver Dam Lake.

Please attend the Saturday, July 14, 2018 Annual Meeting. If you can't make it, look for the minutes of the meeting and other Lake news on our website at beaverdamlake.org. Have a safe and enjoyable summer on the Lake!

Tom Schroeder – President BDLMD

Healthy Lakes:

Last year I wrote an article for the Beaver Dam Lake Management District newsletter explaining that the BDLMD board members had approved my suggestion to apply for Healthy Lakes grant to start a “Fish Sticks” program on Beaver Dam Lake. You might remember that one of the best things we can do to keep our lakes healthy is to insure that we help protect the food chain for all creatures that rely on our lakeshore for safety, food and breeding in order to survive. We were able to get several land owners and the City of Cumberland to participate and this past winter six “fish stick cribs” were installed along the Beaver Dam lakeshore.

We didn’t have any idea of how much work was involved. It turned out to be a go as we went along experience. Seventy-five sand bags had to be filled in order to hold down the tree limbs once the Fish Stick cribs were built. My truck, which is four-wheel drive, got stuck out in the middle of the lake in heavy

snow and we had to get pulled out. It was an odd feeling being on ice pulling a trailer full of sand bags and then needing help to get unstuck. Due to the heavy snow depth, several of the sites had to be plowed ahead of time to help allow the ice to thicken to support the equipment that was needed to build the Fish Stick cribs. A team was formed to cut the trees and haul them over the ice to each of the fish stick sights. BDLMD volunteers then cabled the trees together and anchored them to the shoreline. With the rapid ice out that occurred this year all the Fish Sticks stayed in place and appear to have anchored themselves to the bottom of the lake.

It’s like the Kevin Costner movie Field of Dreams “Build it and they will come”. Well, we have done our part so now the fish and wild life will hopefully do theirs. From all of those who helped on the Fish Stick project, enjoy the fishing.

John Epple BDLMD Commissioner

Around The Home

Many sources of our water pollution originate right at our homes. For example, fertilizer and pesticides applied to lawns can wash into ditches and storm sewers and then directly to the lake. Remember, if it helps your lawn grow, it will also promote growth in the lake!

Similarly, leaves and grass clippings naturally contain nutrients such as phosphorus and nitrogen. If grass and leaves are raked to the curb, or into the lake, the nutrients they contain goes into the water and promotes algae and weed production. Leaving a buffer zone of plants or natural cover instead of mowing right down to the waters edge can help filter out these nutrients

The practice of burning these yard wastes not only releases air pollutants, but the ashes can pollute the lake, as well, if carried away by runoff waters.

The connection between auto maintenance and water quality can be very serious and direct. Anything that drips from a motor vehicle onto pavement - oil, gasoline, brake fluid, antifreeze - can quickly be flushed into the lake with a rainstorm. These chemicals are toxic to aquatic life.

Keeping our lake healthy and reducing algae blooms is every body's responsibility!

Beaver Dam Lake Management District 28th Annual Meeting
Saturday July 14, 2018
Cumberland City Hall
Cumberland, Wisconsin 54829
Doors open at 9:00AM, Meeting begins at 9:30 AM

Pursuant to Sec. 33.30 (1) of the Wisconsin Statutes and the by-laws of the Beaver Dam Lake Management District, the annual meeting and budget hearing will be held at the Cumberland City Hall at 9:30 AM on Saturday, July 14, 2018

AGENDA

1. Welcome and Introductions – Tom Schroeder
2. Approval of 2017 Annual Meeting Minutes – Tom Schroeder
3. Annual Treasurer’s Report – Dr. Alan Carlson
4. Audit Report – submitted by Mary Biros Rogers, presented by Dr. Carlson
5. Present Budget for 2018-19, discussion, approval - Dr. Alan Carlson
6. Update of Storm Water Improvements Project – Jay Michels, EOR
7. Election of Commissioners – Tom Schroeder
8. Review of District Activities – Tom Schroeder
9. Other items as needed
10. Adjourn

Tom Schroeder – President

Doris Laursen – Secretary, City of Cumberland Rep.

Alan Carlson MD – Treasurer;

John Thon, Don Phernetton, John Epple – Commissioners;

Don Horstman – Barron County Rep.

Approximately 15 minutes following the adjournment of the Annual Meeting the BDLMD will hold a brief Board meeting with the following agenda.

1. Approve minutes from June 7th meeting by Doris Laursen
2. Treasurer’s Report – Dr. Alan Carlson
3. Election of officers
4. Set next meeting date
5. Adjourn

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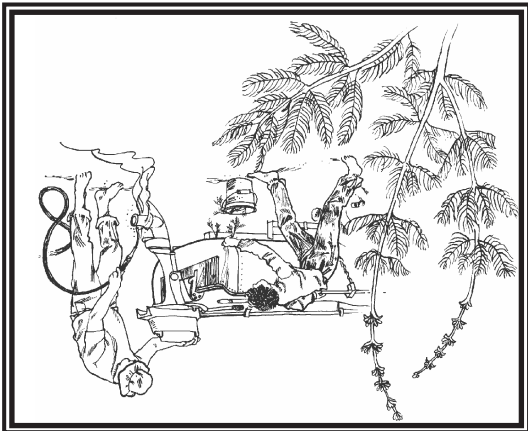
Proposed Budget 2018-2019

<u>REVENUES</u>		<u>EXPENSES</u>	
Tax Rev. (Est mil rate 0.94)	\$210,723	Mailings, Notices, Mtgs.	\$ 3,000
Grants Remaining		Grant Matches	
<i>LPT-50416 NE Library Lake</i>		<i>LPT-50416 NE Library Lake</i>	
<i>Storm water Pond</i>	\$ 48,662	<i>Storm water Pond</i>	9,481
<i>LPT-53217 SW Library Lake</i>		<i>LPT-53217 SW Library Lake Storm water</i>	
<i>Storm water Pond Construction</i>	\$ 94,524	<i>Pond Construction</i>	142,525
<i>LPT 55417 Fish Sticks Project</i>	\$ 3,318	<i>LPT-57718 Jeffery Blvd. Storm water</i>	
<i>LPT-57718 Jeffery Blvd.</i>		<i>Improvement</i>	267,000
<i>Storm water Pond Improvement</i>	\$200,000	Milfoil/CLP Control with Plant Surveys	155,000
<i>Highway 63 Bridge Study – Unspent</i>	\$ 40,000	Aquatic Plant Mgmt. Plan-ongoing	5,000
<i>Milfoil/CLP Control – Unspent</i>	\$ 45,000	Insurance	6,000
Transfer from Cash Reserves	\$ 76,029	Boat Landing Monitors	8,100
Total Revenues	\$718,256	Fireworks	1,000
		Water Safety	650
		Walleye Stocking	0
		Website Updates	500
		Education/Conference	2,500
		Shoreline Restoration Site	2,500
		Highway 63 Bridge Study	40,000
		Land Acquisition	70,000
		Storm water Pond Maintenance	5,000
		Total Expenses	\$718,256

**Beaver Dam Lake
Management District
P.O. Box 232
Cumberland, WI 54829**

Or Current Resident

Help Prevent The Spread Of Aquatic Invasives.
Clean It Off! It's the Law!!!



Upcoming Events:
July 8th, 2017 9:30 AM
Annual Meeting and Budget Hearing of
Beaver Dam Lake Management District
See agenda inside.
NOTE LOCATION CHANGE
CUMBERLAND CITY HALL