

**BALDWIN LAKE**  
**LAKE IMPROVEMENT BOARD**  
**MEETING**  
**SEPTEMBER 23, 2008**

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A meeting of the Baldwin Lake, Lake Improvement Board was held at the Greenville Printing Company, 1120 South Edgewood Street, Greenville, Michigan on the 23<sup>rd</sup> day of September, 2008 at 7:00 P.M.

The meeting was called to order by Chairman Gibbs at 7:00 p.m.

PRESENT: Donald Gibbs, Chairman  
City of Greenville Representative

Donald E. Cooper, Member  
Montcalm County Drain Commissioner

Tom Lindeman, Member  
Montcalm County Board of Commissioners

ABSENT: Doug Drake, Member  
Eureka Township Representative

Ronald Peek, Member  
Abutting Property Owners' Representative

ALSO

PRESENT: Norm Zion  
Aquatic Nuisance Control

A motion was made by Cooper and seconded by Lindeman to approve the agenda as presented. Motion carried.

A motion was made by Lindeman and seconded by Cooper to approve the minutes from the September 25, 2007 meeting as presented. Motion carried.

OLD BUSINESS

Treasurer's Report

The Treasurer's Report was given. Gibbs reported that we currently have a balance of \$4184.43 in the account. All bills for the 2008 season have been received except the bill for the AVAS survey by Professional Lake Management. We should be expecting that to be about \$500.00.

A motion was made by Lindeman and seconded by Cooper to approve the financial report. Motion carried.

## Weed Control Program 2008

Water chemistry of the lake on tests performed by Bob Schuleit of the Baldwin Lake Association look good. Secci disk reading is good to 15 feet, and chemistry values are improving. All results are submitted to the Michigan Lakes and Streams Association as part of the Cooperative Lake Monitoring Program (CLMP). We continue to have a bad problem with Eurasian Water Milfoil (EWM) (More discussion in "new business.") Gibbs discussed the aerator hoses. The hoses have floated to the top of the water causing a safety hazard and need to be removed. Gibbs will take care of removing them from the lake.

### NEW BUSINESS

#### Election of Officers

A motion was made by Gibbs and seconded by Lindeman to cast a unanimous vote to retain the current officers: Chairman - Gibbs, Secretary - Cooper, and Treasurer - Drake. Motion carried.

#### Lake Evaluation Report

Chairman Gibbs presented the onsite Lake Evaluation Report (copy attached) as performed by Professional Lake Management. The board discussed the severity of the milfoil problem with Norm Zion of Aquatic Nuisance Control, Inc. The board is not pleased with the results of our current strategy and solicited our applicator's opinion as to a solution. Zion suggested going after the excess growth of "native plants" while foregoing the EWM treatments. Costs would be able to be held at \$14342.00, our budgeted amount for weed control for 2009. The board asked Zion about the chemical Sonar and whether he would advise its use for Baldwin Lake. He suggested that its effectiveness is virtually 100% on its targeted weeds of EWM and Curley leaf Pondweed. However, he estimated a cost of \$20000.00 (min). Zion was excused.

Gibbs presented a proposal he had requested from Professional Lake Management (Jamie Conroy) for the remaining 2 years of the approved budget cycle. The company is staffed with applicators, biologists and limnologists. The firm is also the one that currently conducts the vegetation survey. It is their opinion, based on the most recent AVAS survey that our EWM problem is out of control and needs to be addressed immediately. They are suggesting that we use Sonar AS. This chemical is tightly regulated by the DEQ, but the severity of our infestation and the survey work that we have done to date will be enough to satisfy regulators that our lake is in need of a change in strategy. Sonar AS is a volume rated chemistry and as such, they will monitor the lake to maintain a certain level of concentration (6ppb) for the duration of time that it needs to be effective. Water use and irrigation restriction will actually improve over previous chemistries.

Professional Lake Management's proposal will be billed in a range between \$8965.00 - \$13315.00, depending on how many "bumps" are required to maintain chemical levels. All permitting, surveys and testing are included in the proposal. Algae kills are also included. It is noted that Sonar AS will be the ONLY chemistry allowed in Baldwin Lake in 2009 for kills of infestation weeds.

PLM has also indicated that they would be willing to work with individual homeowners to eliminate the allowable amount of lily pads in the lake as they affect boating and swimming. Allowable areas of 40' x 40' (swimming) and 20' x 80' (boat lane) can be treated. They would invoice homeowners on an individual basis.

Additionally, PLM will sell a product called "Mukk Buster." It is a biological water quality enhancer which is a natural "digester" for the muck at the bottom of the lake. Pellets are sold in 100# bags. We will advertise the product next year. No special permitting is required for this product.

A motion was made by Gibbs and seconded by Tom to award the 2009 and 2010 treatment contract to Professional Lake Management for a Sonar AS treatment as per the proposal from PLM dated September 2, 2008 with a low amount of \$8,965 and a high of \$13,315. Motion carried.

Gibbs will write to inform Aquatic Nuisance Control, Inc. of their termination for the remainder of the budget cycle.

There being no further business to come before the Lake Board, the chair called adjournment at 8:15 p.m. Motion carried.

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Donald E. Cooper, Secretary  
Baldwin Lake, Lake Improvement Board

State of Michigan     }  
                                  }ss:  
County of Montcalm   }

I hereby certify that the foregoing is a true and complete copy of the minutes of a meeting of the Baldwin Lake, Lake Improvement Board, Montcalm County, Michigan held on September 23, 2008 and that said minutes are on file in the office of the Montcalm County Drain Commissioner and are available to the public.

I further certify that notice of the meeting was posted at least 18 hours before the meeting at the office of the Montcalm County Drain Commissioner which is the principal office of the Baldwin Lake, Lake Improvement Board.

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Donald E. Cooper  
Montcalm County Drain Commissioner