



WABAMUN WATERSHED MANAGEMENT COUNCIL

Box 1005 Wabamun, Alberta T0E 2K0

ANNUAL GENERAL MEETING OCTOBER 16, 2019 250 DIAMOND AVENUE, SPRUCE GROVE

MINUTES

Board Members:

Neil Fleming, Carman McNary, Stan Kobylko, Jordyce Van Muyden, Don Waterman, Don Meredith, Kelly Aldridge Kenn Petruk, Stan Franklin, Arin McFarlane Dyer.

Members and guests:

Averie McNary (Whitewood Sands), Brad Peter, Randy Collins (ACA), Dan Chugg (Fallis Community Association), Jim and Lisa Mclaughlin (Fallis), Sandra Redmond (Fallis), Julia Nelson Sargeant (Seba Beach), Marg Young (Point Alison).

1. Welcome and Opening Remarks.

2. Guest Presentation: Lake Water Quality and Cyanobacteria

Brad Peter
Executive Director, Alberta Lake Management Society

- Blue Green Algae (cyanobacteria) require sunlight, phosphorus, nitrogen and carbon to survive. They do not form in colonies unlike true algae.
- BGA are normally dispersed in the water column. Brad commented that such things as wave action can bring the BGE to the surface in search of warmer water temperature. When the surface calms the BGA are buoyant and have difficulty dropping back into the water column. Sunlight can then bleach the cyanobacteria and create a scum on the water.
- No water sampling at Wababmun occurred between 1999 and 2010. ALMS undertook water sampling in 2019 and attempted to sample at locations in the lake that the Province used in previous years when it was doing sampling. The sampling data from the various locations in 2109 will be amalgamated to provide results for the whole lake. The analysis and data creation should be available early in the new year.
- Preliminary results such as chlorophyll levels (which indicates algae level) from 2019 testing do not appear to be much different than historic values. Chlorophyll and phosphorus levels are normally correlated and consistent.

- water clarity variations observed are typical of prairie lakes.
- Brad indicated that cyanobacteria activity in a water body is determined by a number of factors including phosphorus levels, solar radiation, air temperature and water levels. Cyanobacteria are the base level of the food chain in the lake and the health of the food chain may also be a contributing factor to BGA levels.
- ALMS will continue with its water sampling program in 2020 .

3. Approval of Agenda.

Moved by Kelly Aldridge/Seconded by Stan Kobytko - Approved.

4. Approval of Minutes of October 24, 2018 AGM.

Moved by Don Waterman/Seconded by Carman McNary - Approved.

5. Chair Report by Neil Fleming.

Neil provided the meeting with a Power Point presentation that included background information on the WWMC (for the benefit of guests), a brief summary of the Samco Subdivision Development Appeal Board hearing and the BGA bloom in late summer. Neil also reported on the website remodelling project that was completed this year under the direction of Don Meredith.

6. Watershed Management Plan Update by Petra Rowell.

Petra provided a summary of the work to date on the WMP and indicated that the latest draft of the Plan is being reviewed by members of the project Steering Committee and a final draft should be available early in the new year. A public consultation strategy will be developed by the Steering Committee in consultation with AEP.

7. Treasurer's Report.

Moved by Kelly Aldridge/Seconded by Don Meredith - Approved.

8. Election of Board Members

Kelly Aldridge reported on the the resignations from the Board by Renee Bliss and Paul Cardinal. Both members were reconized for their contribution to the WWMC.

No new nominations for election to the Board were received. Len Eddy was appointed to the Board of Directors earlier in 2019 and according to the bylaws, his appointment is to be confirmed at the next AGM.

Moved by Neil Fleming/Seconded by Carman McNary that the appointment of Len Eddy to the Board of Directors be confirmed. Motion Approved.

9. Closing Remarks and Adjournment.