

## BOARD OF DIRECTORS

Thursday, December 21, 2017

**Ausable Bayfield Conservation Authority Boardroom  
Morrison Dam Conservation Area**

### DIRECTORS PRESENT

Doug Cook, Dave Frayne, George Irvin, Brian Ropp, Mike Tam

### DIRECTORS ABSENT

Ray Chartrand, Wayne Hall, Bob Harvey, Burkhard Metzger

### STAFF PRESENT

Bev Brown, Geoff Cade, Tim Cumming, Brian Horner, Ian Jean, Kate Monk, Judith Parker, Meghan Tydd-Hrynyk, Mari Veliz

### OTHER PRESENT

Sue Haskett, Robin Glenney - Bluewater Shoreline Residents' Association  
Leslie Myers, Zena Besterd - Beach O Pines Association  
Alec Scott, P.Eng. - Consultant

### CALL TO ORDER

Vice-Chair George Irvin called the Board of Directors meeting to order at 2:30 pm and welcomed all those in attendance.

### ADOPTION OF AGENDA

#### **MOTION #BD 117/17**

**Moved by Doug Cook  
Seconded by Mike Tam**

**“RESOLVED, THAT the agenda for the December 21, 2017 Ausable Bayfield Conservation Authority Board of Directors meeting be approved.”**

**Carried.**

### DISCLOSURE OF PECUNIARY INTEREST

There were no disclosures of pecuniary interest at this meeting or from the previous meeting.

DISCLOSURE OF INTENTION TO RECORD PROCEEDINGS

Michael Fisher and Tim Cumming disclosed their intention to video record Agenda Item #7, the presentation by Fiona Duckett, P.Eng., of W.F Baird and Associates Coastal Engineers.

ADOPTION OF MINUTES**MOTION #BD 118/17**

**Moved by Dave Frayne  
Seconded by Brian Ropp**

**“RESOLVED, THAT the minutes of the Board of Directors meeting held on November 16, 2017 and the motions therein be approved as circulated.”**

**Carried.**

BUSINESS OUT OF THE MINUTES

Proposed 2018 Project Levy, General Levy and Budget.

General Manager, Brian Horner reported that he had attended council meetings in the municipalities of Huron East and Bluewater to discuss the proposed 2018 budget.

2018 Proposed General Levy Vote**MOTION #BD 119/17**

**Moved by Doug Cook  
Seconded by Dave Frayne**

**“RESOLVED, THAT the 2018 General Levy be approved at \$908,320.”**

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>
Adelaide Metcalfe			✓
Bluewater	✓		
Central Huron			✓
Huron East			✓
Lambton Shores	✓		
Lucan Biddulph			✓
Middlesex Centre			✓
North Middlesex	✓		
Perth South	✓		
South Huron	✓		
Warwick	✓		
West Perth	✓		

**The result was Yea 100% based on the current value assessment apportionment schedule.”**

**Carried.**

2018 Proposed Project Levy Vote**MOTION #BD 120/17****Moved by Brian Ropp  
Seconded by Mike Tam****“RESOLVED, THAT the 2018 Project Levy be approved at \$388,341.”**

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>
Adelaide Metcalfe			✓
Bluewater	✓		
Central Huron			✓
Huron East			✓
Lambton Shores	✓		
Lucan Biddulph			✓
Middlesex Centre			✓
North Middlesex	✓		
Perth South	✓		
South Huron	✓		
Warwick	✓		
West Perth	✓		

**The result was Yea 100% based on the current value assessment apportionment schedule.”****Carried.**2018 Proposed Budget**MOTION #BD 121/17****Moved by Doug Cook  
Seconded by Dave Frayne****“RESOLVED, THAT the proposed 2018 fee schedule, pay grid and overall budget be approved.”****Carried.**Stewardship Project Approvals Process

Kate Monk, Stewardship, Lands and Education Manager provided a report on the stewardship project approvals process. This was in response to the delegation before the Board by Mr. Fred Dutot at the November 16, 2017 meeting. He was suggesting that landowners who are requesting stewardship funding for erosion control measures, be required to have approval letters from legislative bodies, eg. municipalities before the work is undertaken. Maitland Valley and Ausable Bayfield Conservation Authority staff are recommending to the Huron Clean Water Project Review Committee that in the future, the landowner provides copies of approval letters and permits to staff. Also the landowner will need to sign a document indicating they have received all necessary approvals.

## PRESENTATION

Geoff Cade, Water & Planning Manager introduced coastal engineer Fiona Duckett, P.Eng., of W.F. Baird and Associates Coastal Engineers Ltd. She presented the consultant's report and recommendations in the *Ausable Bayfield Conservation Authority Considerations for Shoreline Protection Structures*. An overview was given of the Lake Huron shoreline processes and barriers for sediment entering and exiting the littoral cell from Goderich to Kettle Point. Development along the shoreline includes 60 residential subdivisions and villages. Lakeshore landowners are currently experiencing higher lake levels and bigger wave action which is causing extensive damage to the lake bank. Designs for shore protection must consider the longer term to address the fluctuating lake levels, protection during winter storms and ice, geotechnical considerations and climate change. For properties in hazardous areas, shore protection is the last line of defence. The different shoreline protection structures discussed were:

- groynes - designed to trap the sediment and must be the right length and spacing to be effective at average or lower lake levels
- revetments - designed for near-shore erosion to avoid being undermined. They are generally effective for areas with higher erosion rates but are a barrier, as the beach is eliminated
- seawalls - designed to reflect wave action off the wall but can scour, so the structure must have a scour apron to protect the wall.
- beach nourishment - the beach is replenished with a similar sand and a structure is added to protect the beach. Off-shore breakwater and headlands nourish the beach with the added sand but must be well designed.

A shoreline is dynamic and needs to be able to move. Some issues identified with installing shore protection structures include: a) the impact on adjacent properties which can be a challenge for the permitting agencies; b) the loss of a beach if a property owner constructs a revetment; c) the cumulative impact whereby bluffs erode naturally and no longer provide sand for beaches in the southern portion of the shoreline.

In summary, it was noted that shore protection should be developed on a site specific basis and designed by a coastal engineer. Recommendations included information for permit applications; prevention vs. protection when working with nature; shore protection alternatives; ensuring shore protection is consistent with the ABCA Shoreline Management Plan; and additional studies to consider. See video at <https://www.youtube.com/watch?v=QOSMxnL5dvw&feature=youtu.be>

**MOTION #BD 122/17**

**Moved by Dave Frayne  
Seconded by Mike Tam**

**“RESOLVED, THAT the report *Ausable Bayfield Conservation Authority Considerations for Shoreline Protection Structures*, along with the recommendations presented by Fiona Duckett, P.Eng., of W.F. Baird & Associates Coastal Engineers Ltd., be received for information purposes.”**

**Carried.**

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## PROGRAM REPORTS

### 1. (a) Development Review

Meghan Tydd-Hyrnyk, Planning and Regulations Officer, presented the Development Review report pursuant to Ontario Regulation 147/06 Development, Interference with Wetlands and Alterations to Shorelines and Watercourses. Through the application process, proposed developments within regulated areas are protected from flooding and erosion hazards. Staff granted permission for 8 *Applications for Permission* and 1 *Minor Works Permits*.

### 1. (b) Violation/Appeals Update

Geoff Cade, Water & Planning Manager reported on a violation in the Municipality of Lambton Shores, Southcott Pines subdivision where a landowner was issued a permit for development. However the structure size was exceeded, vegetation was cleared to the beach and a cement pad installed, along with an armour stone seawall that failed after two weeks. The landowner has not responded with information requested or a plan for restoration.

**MOTION #BD 123/17**

**Moved by Mike Tam  
Seconded by Doug Cook**

**“RESOLVED, THAT the Board of Directors affirm the approval of applications as presented in Program Report # 1 - Development Review.”**

**Carried.**

### 2. Habitat Stewardship Program Funding

Ian Jean, Forestry Specialist presented the stewardship projects eligible for Habitat Stewardship Program funding where 25 acres of fragile land will be retired and planted with 16,000 trees.

**MOTION #BD 124/17**

**Moved by George Irvin  
Seconded by Doug Cook**

**“RESOLVED, THAT the Board of Directors affirm the approval of applications #AB-2462; AB-2463; AB-2464; AB-2465; AB-2466 for Habitat Stewardship Funding as presented.”**

**Carried.**

### 3. Schedule of 2018 Board Meetings

Judith Parker, Corporate Services Coordinator presented the schedule for Board of Director meetings during 2018.

**MOTION BD 125/17**

**Moved by Dave Frayne  
Seconded by Doug Cook**

**“RESOLVED, THAT the proposed 2018 Board meeting schedule be adopted as presented.”**

**Carried.**

GENERAL MANAGER'S REPORT

Brian Horner provided a written report with a brief update on the progress of various projects, staff training and development, upcoming meetings or events and general activities over the previous month.

COMMITTEE REPORTS**MOTION #BD 126/17**

**Moved by Dave Frayne  
Seconded by Mike Tam**

**“RESOLVED, THAT the minutes of the Ausable Bayfield Conservation Foundation meeting held on December 5, 2017 and the motions therein be approved as presented.”**

**Carried.**

CORRESPONDENCE

- a) Reference: Municipality of Huron East  
File: F.6  
Brief: Correspondence from the council of Huron East acknowledging receipt of the 2018 proposed budget increase.
- b) Reference: Shoreline Protection  
File: W.4.11.4  
Brief; Correspondence from Dave Crockett expressing concern about the impact constructing shoreline protection can have on the neighbours who choose not to install structures.
- c) Reference: Resignation  
File: P.1  
Brief: Letter of resignation from Rachael Scholten, Stewardship Technician effective December 22, 2017. The Board wishes Rachael well in her new position with Ducks Unlimited.
- d) Reference: Closure of Ontario Tree Seed Facility  
File: S.29.1.1  
Brief: Copy of a letter from Conservation Ontario to the Minister of Natural Resources & Forestry regarding the proposed closure of the tree seed facility in Angus. Ian Jean, ABCA Forestry Specialist commented that the seed facility is important to conservation authorities and private nurseries who provide native trees to the public. Carrying on proper seed sourcing is a long term investment into reforestation in Ontario.

**MOTION #BD 127/17**

**Moved by Dave Frayne  
Seconded by Doug Cook**

**“RESOLVED, THAT the Ausable Bayfield Conservation Authority Board of Directors support the current provincial tree seed program and are in opposition to the Ministry of Natural Resources & Forestry closing the tree seed facility in Angus, Ontario.”**

**Carried.**

NEW BUSINESS

1. Congratulations was expressed to Geoff Cade in his promotion to ABCA Water & Planning Manager. The Board of Directors were reminded of the Retirement Celebration Open House being held for Alec Scott on January 18, 2018.

ADJOURNMENT

The meeting was adjourned at 4:00 p.m.

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George Irvin  
Vice-Chair

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Judith Parker  
Corporate Services Coordinator

*Copies of Program Reports are available upon request.  
Contact Judith Parker, Corporate Services Coordinator.*