



## **BOARD OF DIRECTORS**

**Thursday, December 16, 2021**

**Ausable Bayfield Conservation Authority Administration Centre  
Morrison Dam Conservation Area**

### **VIA VIDEO CONFERENCE**

**2:30 p.m.**

#### **AGENDA**

1. Chair's Welcome and Call to Order
2. Adoption of Agenda
3. Discloser of Pecuniary Interest
4. Disclosure of intention to record this meeting by video and/or audio device
5. Adoption of Minutes from November 18, 2021
6. **Business Out of the Minutes**
  - Vote on 2022 Proposed General Levy, Project Levy, Budget – Brian Horner
  - Staff Report – Re: Willson/Gilby Delegation, October 21, 2021 – Geoff Cade
7. **Program Reports**
  - Report 1: (a) Development Review (O Reg147/06) - Meghan Tydd-Hrynyk
  - (b) Violations/Appeals Update – Daniel King/Geoff Cade
  - Report 2: CA Act Update – Inventory of Programs – Brian Horner/Kate Monk
8. **Committee Reports**
  - Ausable Bayfield Conservation Foundation – Abigail Gutteridge
9. Correspondence
10. **New Business**
  - Ausable Bayfield Conservation Foundation Member Appointment – Brian Horner
11. Committee of the Whole
12. Adjournment

*Source Protection Authority Meeting to follow*

#### **Upcoming Meetings and Events**

February 17, 2022 – Board of Directors Meeting at 10:00 a.m.

## BOARD OF DIRECTORS MEETING

Thursday, November 18, 2021

Ausable Bayfield Conservation Authority Boardroom  
Morrison Dam Conservation Area

### VIA VIDEO CONFERENCE

#### DIRECTORS PRESENT

Ray Chartrand, Doug Cook, Adrian Cornelissen, Bob Harvey, George Irvin, Dave Jewitt, Marissa Vaughan, Alex Westman

#### DIRECTORS ABSENT

Mike Tam

#### STAFF PRESENT

Geoff Cade, Tina Crown, Tim Cumming, Abbie Gutteridge, Davin Heinbuck, Brian Horner, Denise Iszczuk, Daniel King, Mary Lynn MacDonald, Tracey McPherson, Kate Monk, Nathan Schoelier, Meghan Tydd-Hrynyk, Mari Veliz

#### OTHERS PRESENT

Adam Skillen – *Skillen Investment Management*; Grant Inglis – *Scott Petrie LLP*

#### CALL TO ORDER

Chair Doug Cook called the virtual meeting to order at 10:01 a.m. and welcomed everyone in attendance, both in person and virtually.

#### ADOPTION OF AGENDA

Chair Cook asked that Report 3 - ABCA Personnel Regulation: Unacceptable and Unreasonable Citizen Behaviour be moved to Committee of the Whole for discussion.

#### **MOTION #BD 117/21**

**Moved George Irvin**

**Seconded by Marissa Vaughan**

**“RESOLVED, THAT the agenda for the November 18, 2021 Board of Directors Meeting be approved as amended,”**

**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

Chair Cook noted that this meeting was being recorded on Zoom for temporary posting online, and is not an official record. The official record of this meeting will be the approved minutes.

ADOPTION OF MINUTES**MOTION #BD 118/21**

**Moved by Alex Westman  
Seconded by Dave Jewitt**

**“RESOLVED, THAT the minutes of the Board of Directors meeting held on October 21, 2021 and the motions therein be approved as circulated.”**

**Carried.**

BUSINESS OUT OF THE MINUTES2022 Fee Schedule and Pay Grid

General Manager Brian Horner advised that changes to the fee schedule and the pay grid increase of 2% was incorporated into preparing the proposed budget for 2022.

**MOTION #BD 119/21**

**Moved by Alex Westman  
Seconded by Ray Chartrand**

**“RESOLVED, THAT the 2022 fee schedule and pay grid be approved as presented.”**

**Carried.**

PRESENTATION

Adam Skillen, of Skillen Investment Management, presented an update on the investment income since June. The portfolio continues to do well, despite the pandemic. The targets of 35% equities and 65% bonds will remain in place.

PROGRAM REPORTS**1. (a) Development Review**

Meghan Tydd-Hrynyk, Planning & 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 17 *Applications for Permission* and 10 *Minor Works Applications*.

**MOTION #BD 120/21****Moved by Ray Chartrand  
Seconded by George Irvin**

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

**Carried.**

**(b) Violations/Appeals Update**

Geoff Cade, Manager of Water and Planning, advised that two charges recently laid in Central Huron are in court. In addition, seven charges have been laid against a Bluewater landowner who built a 5000 square foot deck on his shoreline property. The Municipality also issued a stop work order. Investigation is also continuing for the fill dumping over the lake bank in Bluewater that was reported last month.

**MOTION #BD 121/21****Moved by Adrian Cornelissen  
Seconded by Bob Harvey**

**“RESOLVED, THAT the Board of Directors receive the Violations and Appeals update as presented.”**

**Carried.**

**2. Land Acknowledgement**

Brian Horner presented a revised Land Acknowledgement to the Board of Directors. The intent of the statement is to be a first step as we learn, reflect and develop actions to build better relations with Canada’s First Nations. The intention is that the statement will be read at the beginning of Board of Directors meetings, as well as special gatherings or events.

**MOTION #BD 122/21****Moved by Alex Westman  
Seconded by Dave Jewitt**

**“RESOLVED, THAT the Ausable Bayfield Conservation Authority adopts the land acknowledgement statement as presented, for in person and hybrid meetings and gatherings.”**

**Carried.**

**4. ABCA Covid-19 Vaccination Policy**

Brian Horner presented the draft of a vaccination policy developed by the Joint Health and Safety Committee and other staff at the ABCA. Recommendations are for staff, facilities, meetings and special events. All staff have had an opportunity to provide input into the policy. Dave Jewitt recommended that the policy be amended to state that ABCA would provide Rapid Antigen Tests for unvaccinated staff members as long as they were able to obtain them for free. If free tests are not available, then staff would need to cover the cost of these tests.

**MOTION #BD 123/21****Moved by Alex Westman  
Seconded by Ray Chartrand**

**“RESOLVED, THAT the ABCA COVID-19 Vaccination Policy be approved as amended.**

**Carried.**

**5. Conservation Authorities Act Updates**

Kate Monk, Projects Coordinator, provided an update on the Conservation Authorities Act implementation process. Ontario Regulation 687/21: Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act requires each conservation authority to have a ‘transition plan’ that outlines the steps that will be taken during the implementation process. The transition period ends January 1, 2024. The Transition Plan must be completed and distributed to member municipalities and the Ministry of the Environment, Conservation and Parks (MECP) by December 31, 2021. The Regulation does not require approval from either the municipalities or the MECP. Staff recommend that this Transition Plan and timeline be distributed to municipalities and the MECP.

**MOTION #BD 124/21**

**Moved by George Irvin  
Seconded by Marissa Vaughan**

**“RESOLVED, THAT the Ausable Bayfield Conservation Authority approves the Transition Plan to be distributed to member municipalities and the Ministry of the Environment, Conservation and Parks.”**

**Carried.**

**6. ABCA Reserve Analysis**

Brian Horner provided a summary of the ABCA Reserves, as requested by the Board of Directors during the Budget Committee meeting on October 14, 2021. The ABCA has nine Reserve funds including Administration Building; Barrier-Free Facilities; Stewardship Endowment (Land Acquisition); Outdoor Education; Property Management; Vehicles & Equipment; Flood and Erosion Control Major Maintenance; Administration Information Technology; and Operating Revenue. In 2012, the Board of Directors passed a motion that set the reserve target at 60% based on the Member Municipality Average Reserve Balance in relation to their respective operating expenditures. At present, excluding amounts from the Stewardship Endowment Fund that are designated by the Province, the reserve balances are at 57%.

**MOTION #BD 125/21**

**Moved by Adrian Cornelissen  
Seconded by Dave Jewitt**

**“RESOLVED, THAT the Board of Directors receive the ABCA Reserve Analysis Report as presented.”**

**Carried.**

**PRESENTATION**

Denise Iszczuk, Conservation Educator, gave a presentation to update the Board of Directors on education programming over the past year. In general, conservation programming had increased participants from 2020, there were more virtual programs, as well as increased high school level

participants. Some of the programming included virtual programs in partnership with County libraries in the winter, as well as virtual programs when schools returned to online learning in the spring. During the summer months, four weeks of Summer Nature Day camp were offered and well received. In total, 64 children participated in Day Camps. Programming requests increased into the fall when students returned to in class learning. While there were still challenges, including no bussing services for field trips, Conservation Educator were able to do some school yard programs, or outdoor programs at walkable locations, such as Clinton Conservation Area. The Oaks and Acorns program also returned this fall for tots and adult caregivers. Plans for 2022 include more virtual programming and a mix of school yard and field trip programs.

**MOTION #BD 126/21**

**Moved by Alex Westman  
Seconded by George Irvin**

**“RESOLVED, THAT the Board of Directors receive the Education presentation and report as presented.”**

**Carried.**

COMMITTEE REPORTS

**MOTION #BD 127/21**

**Moved by Ray Chartrand  
Seconded by Marissa Vaughan**

**“RESOLVED, THAT the minutes of the Friends of the South Huron Trail meeting held on November 1, 2021 and the motions therein be approved as circulated.”**

**Carried.**

CORRESPONDANCE

- a) Reference: Per Diems for Members of Conservation Authorities  
File: A.5.8  
Brief: The Ministry of Environment, Conservation and Parks send a notice to all conservation authorities to gather information to help make decisions about potential per diems for any Ministry appointed members from the agricultural sector.
- b) Reference: Resignation  
File: P.1  
Brief: A letter of resignation was received from Tony Drinkwalter advising of his retirement on January 4, 2022 from Field Services at the Ausable Bayfield Conservation Authority.

NEW BUSINESS

None

COMMITTEE OF THE WHOLE

**MOTION #BD 128/21**

**Moved by Alex Westman  
Seconded by Marissa Vaughan**

**“RESOLVED, THAT the Board of Directors go into Committee of the Whole at 11:20 a.m. to discuss Report 3 and other legal matters with Brian Horner, Geoff Cade, Abbie Gutteridge, Kate Monk and Tracey McPherson remaining in attendance.”**

**Carried.**

**MOTION #BD 129/21**

**Moved by Alex Westman  
Seconded by Ray Chartrand**

**“RESOLVED, THAT the Committee of the whole rise and report at 12:06 p.m.**

**Carried.**

**MOTION #BD 130/21**

**Moved by Alex Westman  
Seconded by Ray Chartrand**

**“RESOLVED, THAT the Ausable Bayfield Conservation Authority approved the Unacceptable and Unreasonable Citizen Behavior Regulation and include the regulation in the ABCA Personnel Regulations.”**

**Carried.**

**ADJOURNMENT**

The meeting was adjourned at 12:07 p.m.

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Doug Cook  
Chair

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Abigail Gutteridge  
Corporate Services Coordinator

*Copies of program reports are available upon request.  
Contact Abigail Gutteridge, Corporate Services Coordinator*

## ***ABCA Staff Report***

**To:** Board of Directors  
**Date:** December 16, 2021  
**From:** Geoff Cade, Water & Planning Manager

**Subject:** Staff Report  
Willson / Gilby Delegation - Board of Directors Meeting - October 21, 2021

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At its meeting on October 21, 2021 the Board of Directors received a delegation from Mr. Greg Willson and Mr. Nigel Gilby. Messrs. Willson and Gilby outlined their opinion on shoreline erosion and provided a policy recommendation for the Board to consider.

Specifically, Messrs. Willson and Gilby recommended changes to the ABCA's guidelines for **new** shore protection only in **dynamic beach** areas. The changes which they recommended are in **bold and underlined** below:

Permitted

Must be setback landward of the greater of the following:

- 1) location of the 100 year lake level plus 15 m wave uprush allowance or;
- 2) as close to the current toe of the eroded dune as reasonably practicable **subject to the recommendation of a qualified coastal engineer concerning the location of the proposed protection, having regard to site specific conditions and the factors set out below.**

Existing decks, gazebos, bunkies, or other accessory structures which may interfere with the proposed shoreline protection must be relocated, in whole or in part, to the extent necessary to eliminate any interference with the shoreline protection.

Application shall include mandatory design by a qualified Coastal Engineer. The qualified Coastal Engineer shall provide a formal written and sealed report which includes analysis demonstrating that the proposed works will not **unnecessarily or without justification** aggravate natural hazards, negatively impact coastal processes or negatively impact adjacent properties.

Upon completion of the work the qualified Coastal Engineer shall provide certification that the protection has been installed per the approved design.

No other changes were recommended by Messrs. Willson and Gilby.

The Board subsequently requested a report from staff.

To clarify comments made during the delegation, Section 2. (1) of *Ontario Regulation 147/06: Ausable Bayfield Conservation Authority: Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses* (O.Reg. 147/06) states:

2.(1) Subject to section 3, no person shall undertake development or permit another person to undertake development in or on the areas within the jurisdiction of the Authority that are,

(a) adjacent or close to the shoreline of the Great Lakes-St. Lawrence River System or to inland lakes that may be affected by flooding, erosion or dynamic beaches, including the area from the furthest offshore extent of the Authority's boundary to the furthest landward extent of the aggregate of the following distances:

(i) the 100 year flood level, plus an allowance of 15 metres for wave uprush and other water related hazards,

(ii) the predicted long term stable slope projected from the existing stable toe of the slope or from the predicted location of the toe of the slope as that location may have shifted as a result of shoreline erosion over a 100 year period,

(iii) where a dynamic beach is associated with the waterfront lands, an allowance of 30 metres inland to accommodate dynamic beach movement, and

(iv) the lesser of an allowance of 15 metres inland or the landward extent of Lakeshore Area 2 as defined in the most recent document entitled "Ausable Bayfield Conservation Authority Shoreline Management Plan" available at the head office of the Authority;

Section 3. (1) then states

3. (1) The Authority may grant permission for development in or on the areas described in subsection 2 (1) if, in its opinion, the control of flooding, erosion, dynamic beaches, pollution or the conservation of land will not be affected by the development.

For the purposes of implementation of O.Reg. 147/06 along the Lake Huron shoreline, in February 2019 the Board of Directors approved revised Development Guidelines as part of the ABCA's Shoreline Management Plan update. These Development Guidelines updated those found in the 2000 Shoreline Management Plan.

The 2019 Shoreline Management Plan and Development Guidelines were subject to significant public consultation and comment.

As the Board is aware, in May 2021, further amendments to these guidelines were approved.

***The intent of the May 2021 amendments were to relax the Development Guidelines approved in February 2019 to permit shore protection in dynamic beach areas where it would not have otherwise been approved.***

The May 2021 revision was subject to significant discussion with the Board, input from the coastal engineer who authored the updated Shoreline Management Plan, the ABCA's solicitor, public consultation and input from a lawyer representing a group of concerned shoreline landowners.

The policy suggested advanced by Willson and Gilby is quite similar to wording advanced by the

landowner group in its December 2020 delegation to the Board of Directors and again in written comments in 2021.

Staff is unable to support the policy iteration as advanced by the delegation as:

- the proposed wording seeks to permit shore protection to be installed closer to the lake than permitted by ABCA policy
- wording '*unnecessarily or without justification*' is too vague
- it is staff's opinion that works approved under such a policy would interrupt important dynamic beach processes
- long standing ABCA policy, provincial policy and provincial technical guidelines do not support proponents 'engineering' themselves further into hazardous areas, whether it be erosional zones, floodplains or shorelines
- the wording is very similar to a policy option advanced previously through delegation and consultation, and which had already received consideration by staff and the Board of Directors

**Recommendation:**

Staff recommends against revising the Shoreline Management Plan Development Guidelines at this time.

# *ABCA Program Report*

**To:** Board of Directors  
**Date:** December 16, 2021  
**From:** Meghan Tydd-Hrynyk, Planning & Regulations Officer  
**Subject:** Development Review Ontario Regulation 147/06  
- Development, Interference with Wetlands and Alteration to  
Shorelines and Watercourses

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## **Applications for Permission**

The following *Applications for Permission* have been submitted to our Authority for permission to construct works within areas regulated by our Authority.

\* A Coastal Assessment was required as part of the application

\*\* Work commenced without a permit

\*\*\* A coastal engineering design was submitted to support this application

- (1) Jerome & Lisa Jadd (#2021-117) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to construct a new dwelling in a regulated area was granted by Authority Staff on November 10, 2021.  
Completed Application Received: October 26, 2021
- (2) Arthur Tkaczyk (#2021-98) - Municipality of Bluewater (former Township of Hay) - permission to renovate existing dwelling and construct an addition in a regulated area was granted by Authority Staff on November 15, 2021.  
Completed Application Received: October 29, 2021
- (3) Skylar Van Osch (#2021-101) - Municipality of Bluewater (former Township of Hay) - permission to construct a new dwelling in a regulated area was granted by Authority Staff on November 15, 2021.  
Completed Application Received: November 9, 2021
- (4) Peter Chapman (#2021-121) - Municipality of Central Huron (former Township of Goderich) - permission to construct a new dwelling in a regulated area was granted by Authority Staff on November 18, 2021.  
Completed Application Received: November 16, 2021
- (5) Jim & Deb McCann (#2021-120) - Municipality of Bluewater (former Township of Hay) - permission to construct a new foundation and interior renovations in a regulated area was granted by Authority Staff on November 15, 2021.  
Completed Application Received: November 8, 2021

- (6) Municipality of Lambton Shores (#2021-122) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to replace existing culverts in a regulated area was granted by Authority Staff on November 18, 2021.  
Completed Application Received: November 2, 2021
- (7) Municipality of North Middlesex (#2021-123) - Municipality of North Middlesex (former Township of West Williams) - permission to replace an existing culvert in a regulated area was granted by Authority Staff on November 22, 2021.  
Completed Application Received: November 16, 2021
- (8) James McFadden (#2021-127) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to construct and addition and garage in a regulated area was granted by Authority Staff on November 25, 2021.  
Completed Application Received: November 22, 2021
- (9) \*\*Bob & Carolyn Grace (#2021-125) - Municipality of Bluewater (former Township of Hay) - permission to renovate existing dwelling and construct an addition in a regulated area was granted by Authority Staff on November 25, 2021.  
Completed Application Received: October 14, 2021
- (10) \*\*\*David Syrowik (#2020-128A) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to repair existing shore protection in a regulated area was granted by Authority Staff on November 30, 2021.
- (11) \*\*Rod Lough (#2021-129A) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: November 30, 2021
- (12) \*\*Michele Van Barga (#2021-129B) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: November 30, 2021
- (13) Howard Bernstein (#2021-129C) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: November 3, 2021

- (14) Kevin & Christine Hendricks (#2021-129D) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: November 3, 2021
- (15) Steven Gong (#2021-129E) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: November 3, 2021
- (16) William & Catherine Hawkins (#2021-113A) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: October 23, 2021
- (17) John & Karen McCarthy (#2021-113B) - Municipality of Bluewater (former Township of Stanley) - permission to construct a secondary retaining wall along the bottom of lakebank was granted by Authority Staff on November 30, 2021.  
Completed Application Received: October 23, 2021
- (18) Leanne Arnold (#2021-128) - Municipality of Bluewater (former Township of Stanley) - permission to construct sheet steel shoreline protection was granted by Authority Staff on November 30, 2021.  
Completed Application Received: October 27, 2021
- (19) Municipality of Bluewater (#2020-104A) - Municipality of Bluewater (former Township of Stanley) - renewal for permission to construct an armour stone revetment shoreline protection was granted by Authority Staff on October 9, 2021.
- (20) Dave MacDonald (#2020-105A) - Municipality of Bluewater (former Township of Stanley) - renewal for permission to construct an armour stone revetment shoreline protection was granted by Authority Staff on October 9, 2021.

## **Minor Works Permits**

- (1) H & H Aluminum Structures (MW#2021-109) - Municipality of Bluewater (former township of Stanley) - permission to construct a hard top awning over an existing deck in a regulated area was granted by Authority Staff on November 10, 2021.  
Completed Application Received: October 29, 2021
- (2) VanderMolen Homes Inc. (MW#2021-110) - Municipality of South Huron (former township of Stephen) - permission to construct a new dwelling in a regulated area was granted by Authority Staff on November 24, 2021.  
Completed Application Received: November 22, 2020
- (3) Matthew Brown (MW#2021-111) - Municipality of Lambton Shores (former township of Bosanquet) - permission to construct a deck in a regulated area was granted by Authority Staff on November 26, 2021.  
Completed Application Received: November 26, 2021
- (4) Huron District Contracting (MW#2021-113) - Municipality of Lambton Shores (former township of Bosanquet) - permission to repair shore protection in a regulated area was granted by Authority Staff on December 6, 2021.  
Completed Application Received: December 2, 2021

## *ABCA Program Report*

**To:** Board of Directors  
**Date:** December 16, 2021  
**From:** Brian Horner, General Manager/Secretary Treasurer  
Kate Monk, Projects Coordinator  
**Subject:** Conservation Authorities Act Updates – Inventory of Programs and Services

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Ontario Regulation 687/21: Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act requires each conservation authority to complete an inventory of programs and services. This document lists all the programs and services the authority is providing as of February 28, 2022, and intends to provide after February 28, 2022.

The document includes the recent average annual costs and estimated costs for future projects as well as the percentage of costs covered by various funding sources.

O. Reg 686/21: Mandatory Programs and Services Regulation requires CA activities be slotted into three categories and this is identified in the inventory.

Category 1 defines the following mandatory programs and services:

- Preparing and managing for risk of natural hazards
- Conserving and managing lands owned or controlled by a CA
- Continuing to implement Provincial stream and groundwater monitoring
- Developing a core watershed-based resource management strategy
- CA duties, functions and responsibilities as a source protection authority under the *Clean Water Act, 2006*
- CA duties, functions and responsibilities under other legislation prescribed by regulation:
  - On-site sewage system approvals by North Bay- Mattawa CA
- Lake Simcoe Region CA duties, functions and responsibilities under the *Lake Simcoe Protection Act, 2008*

Conservation authorities are local, watershed-based organizations with programs and services based on watershed characteristics, environmental issues, and needs of the municipalities and landowners. For example, the ABCA is guided by *The Path Forward: Community Conservation Strategy for Ausable Bayfield Watersheds* (2011) and *ABCA Watershed Management Strategy* (2015). Although these locally-important programs may not be “mandatory”, Conservation Authorities can continue to provide locally-important programs, within Category 2 or 3.

Category 2 activities are at the request of, or on behalf of, a municipality through a Memorandum of Understanding or other agreement. For example, some member municipalities have an agreement with ABCA to provide Drinking Water Source Protection Risk Management Official duties.

Certain programs and services the CA decides are required to conserve the watershed are included in Category 3. If a municipal levy, to fund all or a portion of a program, is required, the

CA needs to enter into a cost-apportioning agreement with the participating municipalities to allow the program and service to be financed by the municipal levy after January 1, 2024.

CAs can also provide programs and services without municipal agreements if these programs and services are funded by revenue that is not a municipal levy, including self-generated revenue or contracts or funding from other sources.

ABCA staff developed the inventory with financial information from past years' actuals, current budget and five-year financial forecast. This document provides very brief descriptions. Please refer to ABCA annual reports for more details on the work of the ABCA.

The majority of ABCA activities are in Category 1 or Category 3. Programs in Category 1 will not necessarily be funded in whole or in part by the municipal levy. For example, although Conservation Lands is a mandatory program and costs can be levied without an agreement, historically nearly all the costs are covered by self-generated such as gate fees and forest management activities.

This inventory document is to be provided to municipalities and the province by February 28, 2022 for their information. When Phase 2 of the transition period begins March 1, 2022, CAs will consult with municipalities on the inventory and undertake a process to enter into agreements.

Discussions are continuing through December and January with the Province, Conservation Ontario and conservation authorities about positioning programs in the three categories. Therefore, there may be some revisions to the categories but staff believe the attached inventory is an accurate description of the current ABCA programs and services and planned future projects and technical studies.

The draft Inventory of Programs and Services is attached to this report.

## **Recommendation**

Recommended that, the Ausable Bayfield Conservation Authority approves the Inventory of Programs and Services.

# Ausable Bayfield Conservation Authority Inventory of Programs and Services

Draft: Dec. 7, 2021

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Program/Service and Subservices            | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|-------------------------------------------------------------------|
| <b>Natural Hazard Management Program</b><br>Program Description: Conservation Authorities (CAs) are the lead provincial agencies on Natural Hazard issues. The goal is to protect life and property from flooding and erosion. This watershed-wide, comprehensive program includes: development applications and permits, municipal plan input and review, environmental planning and policy, flood forecast and warning, flood and erosion control infrastructure, technical studies, ice management, education and public awareness. |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                    |                      |                                                                   |
| 5138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Section 28.1 Permit Administration         | Reviewing and processing permit applications, associated technical reports, site inspections, communication with applicants, agents, and consultants and legal costs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                | CA Act             | \$201,700            | Municipal Levy – 50%,<br>Self Generated – 50%                     |
| 5135<br>5139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Municipal Plan Input and Review            | Technical information and advice to municipalities on circulated municipal land use planning applications (Official Plan and Zoning By-law Amendments, Subdivisions, Consents, Minor Variances).<br>Input to municipal land-use planning documents (OP, Comprehensive ZB, Secondary plans) related to natural hazards, on behalf of Ministry of Northern Development, Mines, Natural Resources and Forestry (MNMNRF), delegated to CAs in 1983.<br>Input to the review and approval processes under other applicable law, with comments principally related to natural hazards, wetlands, watercourses and Sec. 28 permit requirements. | 1                | CA Act             | \$89,450             | Provincial – 2%,<br>Municipal Levy – 68%,<br>Self Generated – 30% |
| 5135<br>5139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Plan Review Not Related to Natural Hazards | Technical information and advice to municipalities on circulated municipal land use planning applications (Official Plan and Zoning By-law Amendments, Subdivisions, Consents, Minor Variances).                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                | CA Act             | \$10,000             | Provincial – 10%<br>Municipal Levy – 90%                          |
| 43s<br>5129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Flood Forecasting and Warning              | Daily data collection and monitoring of weather forecasts, provincial and local water level forecasts, watershed conditions, snow course, flood event forecasting, flood warning, communications and response and equipment maintenance. Annual meeting with municipal flood emergency coordinator.                                                                                                                                                                                                                                                                                                                                     | 1                | CA Act             | \$133,750            | Provincial -20%,<br>Municipal Levy – 76%,<br>Self Generated – 4%  |

| ABCA Code(s)<br>(internal use)                            | Program/Service and Subservices                                   | Description                                                                                                                                                                                                                                                                                                                                                                | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                         |
|-----------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|-------------------------------------------------------------------|
| 41s and 42s                                               | Flood and Erosion Control Infrastructure Operation and Management | Water and erosion control infrastructure and low flow augmentation. Includes seven flood control projects and 16 erosion control projects that are annually inspected and routine maintenance work completed. New Project: Update asset management plan for these structures.                                                                                              | 1                | CA Act             | \$102,850            | Provincial – 20%,<br>Municipal Levy – 76%,<br>Self Generated – 4% |
| 41s and 42s                                               | Flood and Erosion Control Infrastructure Major Maintenance        | Major maintenance on flood and erosion control structures as required. Projects are dependent on Water and Erosion Control Infrastructure (WECI) funding from the province.                                                                                                                                                                                                | 1                | CA Act             | \$50,000             | Provincial – 50%<br>Municipal Levy – 50%                          |
| 4401                                                      | Ausable River Channel Monitoring                                  | Monitoring Ausable River channel morphology changes at Port Franks due to ice and high flows.                                                                                                                                                                                                                                                                              | 1                | CA Act             | \$15,750             | Provincial – 9%,<br>Municipal Levy 91%                            |
| 5155                                                      | Low water response                                                | Conditions monitoring and analysis. Technical and administrative support to the Water Response Team representing major water users and decision makers, who recommend drought response actions.                                                                                                                                                                            | 1                | CA Act             | \$6,450              | Provincial – 22%,<br>Municipal Levy – 78%                         |
| 5128<br>5120<br>5123                                      | Information Management                                            | Data collection, mapping, data sets, watershed photography. Development and use of systems to collect and store data and to provide spatial geographical representations of data.                                                                                                                                                                                          | 1                | CA Act             | \$8,450              | Municipal Levy 65%,<br>Self Generated – 35%                       |
| 51s                                                       | Technical Studies and Policy Review                               | Studies and projects to inform natural hazards management programs including: floodplain management, watershed hydrology, regulations areas mapping update, flood forecasting system assessment, floodplain policy, Lake Huron shoreline management. These projects often last one to two years and are distributed over time as human resources and funding is available. | 1                | CA Act             | \$20,000             | Municipal – 100%                                                  |
| 5195<br>3023                                              | Natural Hazards Communications, Outreach and Education            | Promoting public awareness of natural hazards including flooding, drought, and erosion. Public events, materials. Social media services. Media relations. Educate elementary school students and the public about the danger of floodwaters.                                                                                                                               | 1                | CA Act             | \$8,850              | Provincial – 56 %<br>Municipal Levy – 44%                         |
| <b>Provincial Water Quality &amp; Quantity Monitoring</b> |                                                                   |                                                                                                                                                                                                                                                                                                                                                                            |                  |                    |                      |                                                                   |

| ABCA Code(s)<br>(internal use)                                                                                                                                                                       | Program/Service and Subservices                     | Description                                                                                                                                                                                                                                                                                                                                                              | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|--------------------------------------------------------------|
| Program Description: The ABCA, in partnership with Ministry of Environment, Climate Change and Parks (MECP), has established long term sites to monitor surface and ground water conditions.         |                                                     |                                                                                                                                                                                                                                                                                                                                                                          |                  |                    |                      |                                                              |
| 5154                                                                                                                                                                                                 | Provincial Water Quality Monitoring Network (PWQMN) | A long-standing (50+ year) CA/MECP partnership for stream water quality monitoring at nine sites. CA takes water samples and MECP does lab analysis and data management. Information is used for watershed report cards and stewardship project prioritization.                                                                                                          | 1                | CA Act             | \$13,400             | Municipal Levy – 95%, Self Generated – 5%                    |
| 5152                                                                                                                                                                                                 | Provincial Groundwater Monitoring Network (PGMN)    | A long-standing CA/MECP partnership for groundwater level and quality monitoring at 16 stations. Costs include equipment, data collection, analysis, data management and reporting. MECP funded network installation and continues to fund equipment replacements. Data collected supports flood forecast and warning, low water response, and water quality monitoring. | 1                | CA Act             | \$39,550             | Municipal Levy – 97%, Self Generated – 3%                    |
| 5127                                                                                                                                                                                                 | Integrated Water and Climate Station                | Water monitoring site at Parkhill Conservation Area at Parkhill Reservoir inlet for groundwater, soil, water quality and meteorological parameters. Data collected support flood forecast and warning, low water response, water quality monitoring and a number of external partners including MECP and academic institutions.                                          | 1                | CA Act             | \$12,000             | Provincial – 30%, Municipal Levy – 55%, Self Generated – 15% |
| <b>Local Water Quality Monitoring</b>                                                                                                                                                                |                                                     |                                                                                                                                                                                                                                                                                                                                                                          |                  |                    |                      |                                                              |
| Program Description: The ABCA, in partnership with community organizations, municipalities, and federal and provincial agencies has established sites to monitor surface water quality and quantity. |                                                     |                                                                                                                                                                                                                                                                                                                                                                          |                  |                    |                      |                                                              |
| 5157<br>5158<br>5159<br>5191<br>5116                                                                                                                                                                 | Surface Water Quality Monitoring Program            | Surface water quality monitoring at nine sites (in addition to PWQMN), Lake Huron nearshore water monitoring at area beaches, edge-of-field monitoring at Huronview Demonstration Farm near Clinton, benthic monitoring at 30 sites across the watersheds. Responding to local spills events at the request of MECP. Costs include sampling, analysis and reporting.     | 3                | CA Act             | \$200,475            | Federal – 7%, Municipal Levy – 32%, Self Generated – 61%     |

| ABCA Code(s)<br>(internal use) | Program/Service and Subservices      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                      |
|--------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|----------------------------------------------------------------|
| 5153                           | Huron County Sentinel Well Program   | Long-term monitoring at six drinking water wells to characterize water quality within six major aquifers in Huron County. Through a contract, the wells have been sampled annually since 2004 with reports provided to the county and health unit.                                                                                                                                                                                                                                                                                        | 3                | CA Act             | \$4,250              | Upper Tier Contract - 100%                                     |
| 5198                           | Watershed Report Card                | Conservation Authorities report on local watershed conditions every five years. The ABCA watershed is divided into 16 subwatersheds. Measuring increases understanding of the watershed, focuses efforts and tracks progress.                                                                                                                                                                                                                                                                                                             | 3                | CA Act             | \$13,150             | Municipal Levy – 86%,<br>Self Generated – 14%                  |
| 5140                           | Municipal Drain and Fisheries Review | Fisheries and Oceans Canada and other partners provide funding to ABCA in order to conduct fisheries assessments on their behalf. This includes the municipal drain classification program, which classifies “not rated” drains to help streamline Fisheries Act approvals to the benefit of both Drain Superintendents and landowners. This is a component of CA Act approvals for municipal drainage works, that while specific to drain review and associated hazards, also protects headwater function, habitat and ecosystem health. | 3                | CA Act             | \$40,000             | Federal – 13%<br>Municipal Levy – 50%,<br>Self Generated – 37% |

#### Drinking Water Source Protection

Program Description: The protection of municipal drinking water supplies in the Ausable Bayfield Maitland Valley Region through the development and implementation of the Source Protection Plans.

|      |                                                 |                                                                                                                                                                                                       |   |        |           |                            |
|------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|-----------|----------------------------|
| 5800 | Drinking Water Source Protection Program (DWSP) | Source Protection Area/Region, technical support, Source Protections Committee support, Source Protection Authority reports and meetings. Activities required by the Clean Water Act and regulations. | 1 | CA Act | \$239,725 | Provincial – 100%          |
| 5814 | DWSP Risk Management Official                   | Carrying out Part IV duties of the Clean Water Act on behalf of municipalities through service agreements.                                                                                            | 2 | CA Act | \$92,748  | Municipal Contracts – 100% |

#### Core Watershed-based Resource Management Strategy

Program Description: The purpose of a watershed plan is to understand the current conditions of the watershed, and identify measures to protect, enhance, and restore the health of the watershed. Watershed strategies provide a management framework to provide recommendations which consists of goals,

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                                                                                                         | Program/Service and Subservices               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|----------------------------------------------------------------------------|
| objectives, indicators, and management recommendations. This addresses existing issues in the watershed and mitigate impacts from potential future land uses, while recommending appropriate actions to protect, enhance, and restore the watershed.                                                                                                                   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                      |                                                                            |
| New code                                                                                                                                                                                                                                                                                                                                                               | Strategy Development                          | New Project: Collate/compile existing resource management plans, watershed plans, studies and data. Strategy development, implementation and annual reporting. This is a one-year project which builds on the 2015 Watershed Management Strategy.                                                                                                                                                                                                                | 1                | CA Act             | \$50,000             | Municipal Levy – 100%                                                      |
| <b>Sub-watershed Plans and Projects</b>                                                                                                                                                                                                                                                                                                                                |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                      |                                                                            |
| Program Description: Watershed strategies provide a management framework to provide recommendations which consists of goals, objectives, indicators, and recommendations. This addresses existing issues in the watershed and mitigate impacts from potential future land uses, while recommending appropriate actions to protect, enhance, and restore the watershed. |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                      |                                                                            |
| 5170<br>5171<br>5110<br>5115<br>5199                                                                                                                                                                                                                                                                                                                                   | Subwatershed Initiatives                      | The ABCA works with communities to develop and implement subwatershed plans. Plans and initiatives are: Ausable River Recovery Strategy, Old Ausable Channel and Port Franks Management Strategy, Bayfield River, Bayfield River Watershed Plan and Lake Huron Tributaries Watershed Plan. Activities include: community engagement and objective setting, supporting protection, enhancement and restoration activities, and monitoring and evaluating actions. | 1                | CA Act             | \$518,500            | Federal – 20%, Provincial – 25%, Municipal Levy -25%, Self Generated – 30% |
| 5104                                                                                                                                                                                                                                                                                                                                                                   | Natural Heritage Systems Implementation Phase | The ABCA incorporates natural heritage information particularly around wetlands to develop planning and regulatory strategies to mitigate downstream natural hazards.                                                                                                                                                                                                                                                                                            | 3                | CA Act             | \$4,000              | Municipal Levy – 100%                                                      |
| 5195                                                                                                                                                                                                                                                                                                                                                                   | Lake Huron Regional Initiative                | Collaborative project of federal and provincial agencies and Lake Huron Southeast Shore Conservation Authorities to develop watershed plans to address broader-scale water quality issues and natural hazard issues in near-shore areas and contributing watersheds.                                                                                                                                                                                             | 3                | CA Act             | \$224,400            | Federal – 9%, Provincial - 83%, Self Generated – 8%                        |
| <b>Conservation Authority Lands and Conservation Areas</b>                                                                                                                                                                                                                                                                                                             |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                      |                                                                            |

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                                                                                                              | Program/Service and Subservices                            | Description                                                                                                                                                                                                                                                                                                                                                                     | Category (1,2,3) | Category Rationale     | Average Annual Costs | Funding mechanism and percentage of costs     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|----------------------|-----------------------------------------------|
| Program Description: The ABCA owns 3,616 hectares of land which includes conservation areas, management areas, conservation forests, farmland and flood control structures and surrounding land. ABCA property is essential to watershed management, environmental protection, helps implement the Watershed Management Strategy and provides areas for passive recreation. |                                                            |                                                                                                                                                                                                                                                                                                                                                                                 |                  |                        |                      |                                               |
| 6599                                                                                                                                                                                                                                                                                                                                                                        | Section 29 Minister's regulation for Conservation Areas    | Conservation areas regulations enforcement/compliance.                                                                                                                                                                                                                                                                                                                          | 1                | CA Act                 | \$20,000             | Self Generated – 100 %                        |
| 6012                                                                                                                                                                                                                                                                                                                                                                        | Great Canadian Hideaway Campground                         | Long-term lease with a private party to operate a campground and associated facilities at Parkhill Conservation Area.                                                                                                                                                                                                                                                           | 3                | Non-passive recreation | \$150                | Self Generated – 100%                         |
| 60s                                                                                                                                                                                                                                                                                                                                                                         | ABCA forests and management areas (not Conservation Areas) | Management and maintenance of CA owned lands. Includes forest management, signage, gates, passive recreation, stewardship, restoration, ecological monitoring, carrying costs such as taxes and insurance.                                                                                                                                                                      | 1                | CA Act                 | \$108,500            | Municipal Levy – 5%,<br>Self Generated – 95%  |
| 65s                                                                                                                                                                                                                                                                                                                                                                         | Conservation Areas                                         | Management and maintenance of nine conservation areas and one recreational trail. Includes passive recreation, risk management program, hazard tree management, gates, fencing, signage, brochures, communications, pedestrian bridges, trails, parking lots, pavilions, roadways, stewardship, restoration, ecological monitoring, carrying costs such as taxes and insurance. | 1                | CA Act                 | \$130,300            | Municipal Levy – 10%,<br>Self Generated – 90% |
| 65s                                                                                                                                                                                                                                                                                                                                                                         | Conservation Area Major Maintenance                        | Major maintenance and capital improvements to support public access, safety and environmental protection such as pedestrian bridges, boardwalks, trails.                                                                                                                                                                                                                        | 1                | CA Act                 | \$50,000             | Municipal Levy – 25%<br>Self Generated – 75%  |
| 60s                                                                                                                                                                                                                                                                                                                                                                         | Land acquisition                                           | Strategic acquisition of environmentally-significant properties.                                                                                                                                                                                                                                                                                                                | 3                | CA Act                 | TBD                  | Self Generated – 100%                         |
| 1090                                                                                                                                                                                                                                                                                                                                                                        | Huron Tract Land Trust Conservancy properties              | Management and maintenance of HTLTC owned lands. Includes passive recreation, risk management program, hazard tree management, forest management, signage, trails, parking lots, buildings, roadways, stewardship, restoration, ecological monitoring, carrying costs such as taxes and insurance.                                                                              | 1                | CA Act                 | \$50,000             | Self Generated – 100%                         |

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Program/Service and Subservices                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|------------------------------------------------------------------------------------|
| New project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Inventory of Conservation Authority lands                      | New Project: The land inventory will include the following information: location as well as date, method and purpose of acquisition, land use. One time project with updates as properties are acquired or disposed of.                                                                                                                                                                                                                                                      | 1                | CA Act             | \$5,000              | Municipal Levy – 50%<br>Self Generated – 50%                                       |
| New project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Strategy for CA owned or controlled lands and management plans | New Project: A strategy to guide the management and use of CA-owned or controlled properties including: guiding principles, objectives, land use, natural heritage, classifications of lands, mapping, identification of programs and services on the lands, public consultation, publish on website. One-year project. This is an updated to previous conservation area management plans.                                                                                   | 1                | CA Act             | \$37,500             | Municipal Levy – 50%<br>Self Generated – 50%                                       |
| 6050 PRJCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Land Acquisition and Disposition Strategy                      | New Project: A policy to guide the acquisition and disposition of land in order to fulfill the objects of the authority. One-year project that updates the 2008-2020 Land Securement Plan.                                                                                                                                                                                                                                                                                   | 1                | CA Act             | \$10,000             | Self Generated – 100%                                                              |
| 6055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Species at Risk Inventory                                      | Periodic inventories of terrestrial Species at Risk on ABCA lands, GIS mapping and submission of data to NHIC. Information guides land use activities and restoration projects.                                                                                                                                                                                                                                                                                              | 3                | CA Act             | \$12,000             | Municipal Levy – 50%<br>Self Generated – 50%                                       |
| <b>Watershed Stewardship and Restoration (Urban, rural &amp; agricultural)</b><br>Program Description: The stewardship and restoration program has three key components: one-on-one technical assistant to watershed landowners, connecting landowners with cost-share funding, and the reforestation program. Projects reduce the risk to life and property from natural hazards, protect water quality and quantity, improve forest conditions, increase biodiversity and make the watersheds more resilient to climate change. |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                    |                      |                                                                                    |
| 7580<br>7581<br>7599<br>7583<br>5172<br>5173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Private Land Stewardship Program                               | Work with property owners to implement Best Management Practices to mitigate flood and erosion hazards, improve and protect water quality, restore floodplains and river valleys, reduce nutrient contamination, restore and enhance wetlands to reduce flooding peaks and augment low flow, management of terrestrial non-native invasive species, protect groundwater, and improve aquatic species at risk habitat. Apply for and manage external funding, promote private | 3                | CA Act             | \$365,875            | Federal – 54%,<br>Provincial – 7%,<br>Municipal Levy – 9%,<br>Self Generated – 30% |

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                | Program/Service and Subservices     | Description                                                                                                                                                                                                                                                                               | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|--------------------------------------------------------------|
|                                                                                                                                                                                                                                                                               |                                     | land stewardship, outreach, provide technical advice and design assistance.                                                                                                                                                                                                               |                  |                    |                      |                                                              |
| 7510<br>7582                                                                                                                                                                                                                                                                  | Tree Planting and Forestry Services | Forestry services including planting plan development, site preparation, tree and shrub planting, and survival assessments. Private woodlot stewardship, technical assistance, link to funding programs to maintain form and function of watershed forest cover.                          | 3                | CA Act             | \$251,325            | Self Generated – 100%                                        |
| <b>Enabling Services:</b><br>Program Description: Key assistance provided to all departments of the conservation authority, board of directors, member municipalities and the general public to enable the ABCA to operate in an accountable, efficient and effective manner. |                                     |                                                                                                                                                                                                                                                                                           |                  |                    |                      |                                                              |
| 1010                                                                                                                                                                                                                                                                          | Corporate Services                  | Administrative, human resources, operating and capital costs which are not directly related to the delivery of any specific program or service, but are the overhead and support costs of a conservation authority. Includes health and safety program, overseeing programs and policies. | 1                | CA Act             | \$370,800            | Provincial – 3%,<br>Municipal Levy 89%,<br>Self Generated 8% |
| 1010                                                                                                                                                                                                                                                                          | Financial Services                  | Annual budget, accounts payable and receivable, payroll, financial analysis, financial audit, administration of reserves and investments, financial reports for funding agencies, preparing and submitting reports to CRA, benefits program administration.                               | 1                | CA Act             | \$100,000            | Provincial – 3%,<br>Municipal Levy 89%,<br>Self Generated 8% |
| 1010                                                                                                                                                                                                                                                                          | Legal Expenses                      | Costs related to agreements/contracts, administrative by-law updates                                                                                                                                                                                                                      | 1                | CA Act             | \$2,000              | Provincial – 3%,<br>Municipal Levy 89%,<br>Self Generated 8% |
| 1010                                                                                                                                                                                                                                                                          | Governance                          | Supporting CA Boards, Advisory Committees, Office of CEO/CAO/GM and Senior Management.                                                                                                                                                                                                    | 1                | CA Act             | \$16,100             | Provincial – 3%,<br>Municipal Levy 89%,<br>Self Generated 8% |
| 1041                                                                                                                                                                                                                                                                          | Communications and Outreach         | Informing public of ABCA programs and projects through media, open houses, public meetings, website administration, responding to inquiries from the public, crisis communications.                                                                                                       | 1                | CA Act             | \$47,500             | Municipal Levy – 100%                                        |

| ABCA Code(s)<br>(internal use)                                                                                                                                                                                                                                                | Program/Service and Subservices        | Description                                                                                                                                                                                                                                                                                                                                    | Category (1,2,3) | Category Rationale | Average Annual Costs | Funding mechanism and percentage of costs                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|----------------------|-----------------------------------------------------------------|
| 1020                                                                                                                                                                                                                                                                          | Administration Buildings               | Office buildings and workshop used to support ABCA staff, programs and services. Includes utilities, routine and major maintenance, property taxes. Note: The Average Annual Cost does not include accessibility upgrades needed by January 1, 2025. These costs are estimated to be approximately \$250,000 in total over the next few years. | 1                | CA Act             | \$65,800             | Provincial – 3%<br>Municipal Levy – 89%,<br>Self Generated – 8% |
| 1030<br>1031<br>5121                                                                                                                                                                                                                                                          | Information Technology Management/ GIS | Data management, records retention. Development and use of systems to collect and store data and to provide spatial geographical representations of data.                                                                                                                                                                                      | 1                | CA Act             | \$132,400            | Municipal Levy - 29%,<br>Self Generated - 79%                   |
| 80                                                                                                                                                                                                                                                                            | Vehicle and Equipment                  | A fleet of vehicles and equipment to support the work of the ABCA, including capital purchases, fuel, licenses, repairs and maintenance. Programs and projects are charged for the use of the vehicles and equipment.                                                                                                                          | 1                | CA Act             | \$85,780             | Self Generated - 100%                                           |
| <b>Conservation Education and Community Outreach</b><br>Program Description: Education and outreach programs increase knowledge and awareness in children and adults about local environmental issues, watersheds and ecosystems and conservation actions they can implement. |                                        |                                                                                                                                                                                                                                                                                                                                                |                  |                    |                      |                                                                 |
| 3022                                                                                                                                                                                                                                                                          | School programs                        | Curriculum-based education programs for elementary and secondary students. These programs focus on local watersheds, ecosystems, and environmental issues. Programs take place at schools (indoors and outdoors), field trips to conservation areas and community parks and through online learning.                                           | 3                | CA Act             | \$68,250             | Municipal Levy - 46%,<br>Self Generated - 54%                   |
| 3025<br>3050<br>3099                                                                                                                                                                                                                                                          | Community programs and events          | Education and outreach programs and community events to assist in achieving the objectives of the conservation authority. These programs are open to people of all ages.                                                                                                                                                                       | 3                | CA Act             | \$76,050             | Municipal Levy - 70%,<br>Self Generated - 30%                   |

## MINUTES

### AUSABLE BAYFIELD CONSERVATION FOUNDATION

November 23, 2021

Ausable Bayfield Conservation Authority Boardroom

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#### MEMBERS PRESENT

Peter Darbishire, Dave Frayne, Roger Lewington, Dave McClure, Charles Miner, Robert Norris, Bob Radtke

#### OTHERS PRESENT

Tina Crown, Abigail Gutteridge, Brian Horner, Denise Izsuc, Kari Jean, Sharon Pavkeje, Nathan Schoelier

#### CALL TO ORDER

Chair Dave Frayne welcomed the Board of Directors and staff to the meeting and called it to order at 1:36 p.m. Members joined the meeting in person and Robert Norris joined by phone. Chair Dave welcomed Tina Crown to her first Foundation meeting and everyone introduced themselves.

#### ADOPTION OF AGENDA

##### **MOTION #12/21**

**Moved by Bob Radtke**

**Seconded by Dave McClure**

**“RESOLVED, THAT the November 23, 2021 agenda for the Ausable Bayfield Conservation Foundation meeting be approved.”**

**Carried.**

#### ADOPTION OF MINUTES

##### **MOTION #12/21**

**Moved by Charles Miner**

**Seconded by Dave McClure**

**“RESOLVED, THAT the minutes of the Ausable Bayfield Conservation Foundation meeting held on March 30, 2021 be approved.”**

**Carried.**

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## BUSINESS OUT OF THE MINUTES

None

## PROJECT UPDATES

### Environmental Student Award

Abbie Gutteridge reported the ABCF offered a \$1,000 environmental student award for a High School student going into University or College in an environmental field. We received no applications in 2021 for the \$1,000 bursary.

### Klondyke Commemorative Woods

Abbie noted 40-50 people gathered for the Klondyke Commemorative Woods grand opening on October 2, 2021. The commemorative woods site is a partnership with the Municipality of Lambton Shores (20 year agreement), as they own the land and cut the grass. The arbour was installed and the donor and memorial plaques were added to it prior to the Grand Opening. The Hank Winters family attended the event to honour their late husband/father, who had the vision for this project.

### South Huron Trail Golf Tournament

Brian Horner stated tee times were booked at Ironwood Golf Course on August 23, instead of our regular golf tournament. One team used the tee time and we had a few community members donate to the South Huron trail.

### Morrison Dam Commemorative Woods Service

Abbie reported the Morrison Dam Commemorative Woods Service, held in cooperation with Haskett Funeral Homes was held on Sunday September 19, 2021 as a virtual service. Chair Dave provided comments on behalf of the Ausable Bayfield Conservation Foundation for the service.

## PROJECT UPDATES AND FUNDING REQUESTS

### Healthy Watersheds Projects

Kari Jean, ABCA Aquatic Biologist, thanked members for their support in 2021. The projects that were funded by the Healthy Watershed department were \$1,000 towards the Old Ausable Channel for Community Engagement and Biomonitoring; \$1,000 towards Community Actions to Protect Species at Risk Fish in the Little Ausable River; \$1,000 towards Ausable River Access and Education near Ailsa Craig and \$1,000 towards Species at Risk Turtles in Port Franks.

The request for funding for 2021 include: \$1,000 towards Old Ausable Channel for Community Engagement and Biomonitoring; \$1,000 towards the Port Franks Species at Risk Turtle program and \$1,000 towards the Species at Risk within the ABCA watershed.

### Forestry And Land Stewardship

Nathan Schoelier, ABCA Stewardship and Conservation Lands Manager, thanked the Foundation for the \$5,000 used towards creating an accessible entrance to the lower classroom at the Arkona Lions Museum and Information Centre in 2021. Funding was used to create an outdoor boardwalk and ramp, an accessible door and eavestroughs.

Nathan is requesting funding of \$5,000 in 2022 towards developing wetlands, hiking trails and bird watching opportunities at the Triebner Tract, which is a 4 ½ acre property west of Airport Line and south of McDonald Road.

#### Education Projects & Programs

Denise Iszczuk, ABCA Conservation Educator, thanked the ABCF for funding of \$8,675 in 2021, which includes: up to \$4,000 for the \$1 per student program; \$1,000 towards Species at Risk Bussing Bursary program; \$600 towards live owls at the Owl Prowl; \$500 towards a Scout and Guide Badge Blitz day; and \$2,575 towards Community Programs for Non-Profit Groups.

Due to the Covid 19 pandemic the ABCA Education Department have been more limited on the number of students seen and have provided more virtual programming, so the funds used in 2021 was less than anticipated. Students taught to date, including virtual, for the \$1 per student is \$1,600; students could not be bussed to programs, therefore the \$1,000 towards Species at Risk Bussing Bursary program was not used; the Owl Prowl was cancelled and the \$600 funding for live owls was not required; the Scouts and Guides did not meet therefore funding of \$500 was not needed. The Conservation Educators were able to provide programs for 17 non profit groups and 3 paid programs.

Denise is requesting funding of \$5,175 for 2022. This includes \$2,575 towards Community Programs for Non-Profit Groups; \$600 towards live owls at the Owl Prowl; and a flat rate of \$2,000 for the \$1 per student program, rather than counting each student taught in 2022.

#### PROPOSED 2022 BUDGET

Tina Crown, presented the proposed 2022 budget to the ABCF Board of Directors, with the 2022 ABCA funding requests included in the figures. Brian Horner suggested we look at project ideas for Morrison Dam Commemorative Woods site, the South Huron Trail and Klondyke Commemorative Woods site at our next meeting. Brian also noted the large donation in the Huron Tract Land Trust Conservancy was the Elliott property donation. Chair Dave reminded members that the Conservation Dinner is our major fundraising event that supports many of these funding requests, and we are planning it as an “in person” event on April 7, 2022.

**MOTION #13/21**

**Moved by Charles Miner  
Seconded by Dave McClure**

**“RESOLVED, THAT the Ausable Bayfield Conservation Foundation approve the proposed 2022 Budget as presented, which includes the funding requests presented by ABCA staff.”**

**Carried.**

## NEW BUSINESS

### Ausable Bayfield Conservation Foundation Membership

Brian Horner advised that he has reached out to a potential member to fill the vacancy on the ABCF Board. Once confirmed, the ABCA Board of Directors will approve the appointment.

### Huron Tract Land Trust Conservancy Update

Roger Lewington reported the Elliott property was donated this past year, as well as shares in the spring. Mrs. Elliott will live at the property for as long as she wishes. The Land Trust is working on another property donation and will report further at a future meeting.

### Funding Proposals

A funding application was sent for the connecting path under the Bayfield Bridge for Bayfield residents to access the Bayfield River Valley Flats. This application was sent to Hydro One, the Healthy Communities Initiative, and Farm Credit Canada Agrispirit Fund. None of the applications have been approved to date.

The Lakeshore EcoNetwork submitted a proposal to the Sunset Foundation through the ABCF, for \$6,000 towards a Trees and Bees program. The application was successful.

Blue Bayfield submitted a funding application through the ABCF to the Erb Foundation for \$10,000 for a new project, Blue Schools. The application was successful and Blue Bayfield would like ABCF to retain \$200 of the proceeds as a donation from Blue Bayfield.

Charles Miner left the meeting, but stated he would like to discuss the possibility of a Fish Fry as a fundraiser at a future meeting.

## CORRESPONDENCE

Abbie shared the following correspondence:

- 1) Thank you for great South Huron Trail system from Barb Wraith, with donation enclosed.
- 2) Thank you for trail system from Barry & Monica Page, with donation enclosed.
- 3) Thank you from Tim & Judith Cumming, for the donation for Tim's 15 years of service and the opportunity to redirect the funds towards the ABCA Carbon Footprints to Forest program.

### Giving Tuesday

Abbie reported, Tim Cumming has prepared a week long Giving Tuesday social media campaign to promote financial donations to the Ausable Bayfield Conservation Foundation. Thanks to Tim for preparing this and the campaign will be shared with members this week.

Dave McClure would like a list of areas that benches could be placed on our conservation lands, as he knows a lot of people who would like to contribute to this type of fundraising campaign. We will speak with Nathan, and develop a list for our next meeting.

NEXT MEETING

The next Foundation meeting will be held at the Call of the Chair.

ADJOURNMENT

Peter Darbishire adjourned the meeting at 3:05 p.m.

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Dave Frayne  
Chair

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Sharon Pavkeje  
Recording Secretary



**Ausable Bayfield Conservation Authority  
Source Protection Authority Meeting**

**Thursday, December 16, 2021**

**3:45 p.m.**

**Administration Centre Boardroom  
Morrison Dam Conservation Area  
VIA VIDEO CONFERENCE**

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## **Agenda**

1. Call to Order
2. Adoption of Agenda for December 16, 2021
3. Declaration of Pecuniary Interest
4. Adoption of Minutes from June 17, 2021
5. Business Out of the Minutes
6. Program Report - Mary Lynn MacDonald
  - Program Update
  - 2022-2024 Workplan Budget and Submission
7. New Business
8. Adjournment

To: Ausable Bayfield Protection Authority (AB SPA)  
From: Donna Clarkson and Mary Lynn MacDonald, DWSP Co-Supervisors  
Date: Dec. 16<sup>th</sup>, 2021  
Subject: Program Update – Drinking Water Source Protection

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### **A. Approved Changes to Phase II Directors Technical Rules, *Clean Water Act***

The province posted their changes to the Director's Technical Rules (DTR) on the Environmental Bill of Rights site Dec. 3<sup>rd</sup> after a 2 year review and approval process.

The suite of changes include:

- an option to include climate change risk assessments of municipal well supplies done by municipalities as part of the Assessment Report
- Waste oil (in the hazardous waste category) deemed a threat only in underground storage tanks
- A new Dense Non-Aqueous Phase Liquid (DNAPLs) "list" indicating industries where DNAPLs would be considered a threat but other locations may be considered as well.
- Fuel storage quantity lowered to 250L, above or below grade, a threat (previously 250L below, 2500L above)
- Salt application considered a threat where 30% impervious surface instead of 80%
- Salt storage lowered from 5000T to 20kg uncovered and 150kg covered
- Snow storage is considered a threat over 200 m<sup>2</sup>

These changes will require revision of a number of policies in the Source Protection Plan which are planned for the January 26<sup>th</sup> SPC meeting.

### **B. Source Protection Committee (SPC) Meetings:**

**May 26, 2021:** The SPC meeting was held by Zoom. Agenda items included:

- The release of the 4th SPC Engagement video, featuring SPC member Dave Frayne explaining the Drinking Water Protection Zone signs. The new video is available at this link: <https://youtu.be/iTpxCZCAe3I>
- Progress report on the workplan to amend the Source Protection Plans (SPP)
- Report and decisions on salt application and storage policies
- Report on new SPP policy regarding review of Prescribed Instruments for agricultural-related activities
- Report on revisions to several administrative SPP policies regarding effective date of SPP policies

**November 24, 2021:** The SPC meeting was held in person at the White Carnation and those unable to attend in person were linked in by Zoom. Chair Matt Pearson, provided a Christmas Dinner to all attending following the meeting. While still awaiting the provincial approval of the DTR, the committee moved forward with some draft policy changes based on discussions with MECP staff of proposed threat circumstance changes.

Agenda items included:

- Report on changes to Belgrave wellhead protection and s.48 notice issued by MVSPA
- Report and decisions on SPP salt storage policies
- Report and decisions on SPP fuel storage policies
- Report and direction on SPP snow storage policies

### **C. Communications**

#WaterWednesday and #CleanWaterAutumn: Conservation Ontario has been conducting a public information campaign, on social media, about protecting municipal drinking water sources. The ABMV region is participating in this campaign. The autumn campaign includes septic system and fuel storage maintenance, managing runoff from urban and rural sources as well as the importance of clean drinking water. Staff also assisted Conservation Ontario with their new *"I Gotta Know"* DW Protection Zone signage video.

The seven new Source Protection Committee videos created during the pandemic have been a great success with close to 20,000 views over one year on various social media platforms, plus extensive print and broadcast coverage.

The most recent video, "On-line Mapping Tools for Real Estate, Farming and You", features SPC member Mary Ellen Foran and Bert Dykstra, as well as members from Royal Le Page Heartland Realty and Agrisolve. This video encourages real estate agents, farmers, certified crop advisors and current or potential property owners to consult on-line mapping including the Source Protection Atlas, Huron County Interactive Mapping or [www.sourcewaterinfo.ca](http://www.sourcewaterinfo.ca) when planning for properties.

SPC Member Jennette Walker was also featured in a "Protecting Our Aquifer" video released this summer where she used a ground water model to show how water flows through an aquifer and how contamination can occur.

Staff gave presentations about the videos at provincial Source Protection Communications meeting, the Okanogan Basin Water Board Source Protection webinar and the provincial Source Protection Chairs meeting. They have been distributed to the local school boards for use by educators.

A new tab has been created on the ABMV Region website where all of the videos can be found: <https://www.sourcewaterinfo.on.ca/news/videos/>

To: Ausable Bayfield Protection Authority (AB SPA)  
From: Donna Clarkson and Mary Lynn MacDonald, DWSP Co-Supervisors  
Date: Dec. 16<sup>th</sup>, 2021  
Subject: DWSP 2022-2024 Workplan and Budget Submission

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### **2022-2024 Workplan and Budget**

On November 29<sup>th</sup> the province released the DWSP funding application forms for 2022-2024. Eligible activities and costs have largely remained the same. It is great to see that Province has taken the multi-year planning element into consideration and approved a 2 year funding/work planning cycle. Staff will present a draft DWSP workplan and budget to the Joint Management Committee for Ausable Bayfield and Maitland Valley SPAs for their approval, prior to the December 30<sup>th</sup> deadline for submission to MECP.

With the delay in the Directors Technical Rules (DTR), the various levels of consultation, and accompanying legislated time periods to receive comments, required prior to the submission of the s.36 Source Protection Plan Review will not be completed in the 2021-2022 fiscal year. This work will now happen in 2022-2023. Anticipating approval of the Amended Source Protection Plan in 2023-2024 year implementation will begin in the second year. The province is also in the process of approving Best Practices for drinking water systems not including under Source Protection plans. The work to determine those systems and an accompanying outreach plan will be part of the Year 1 work as the s36 Amendment goes through the approval process and implementation of the Best Practices Plan in Year 2.

The approved work plan and budget for the 2021-2022 year was 1.95 FTE and \$242,311 funding. Staff is proposing to request the same FTE staffing components and a similar non-staff budget as with adjustments for inflation and current allowable expenditures. While the work plan and budget is still being refined for the Joint Management Committee meeting, the estimate is \$475,000 for the 2 year budget.