



BOARD OF DIRECTORS

Thursday, July 15, 2021

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

VIA VIDEO CONFERENCE

10:00 a.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 June 17, 2021
6. Business Out of the Minutes
7. **Program Reports**
 - Report 1: (a) Development Review (O Reg147/06) - Meghan Tydd-Hrynyk/Daniel King
(b) Violations/Appeals Update – Daniel King/Geoff Cade
 - Report 2: Stewardship Funding Project Review – Nathan Schoelier
 - Report 3: Priority Watershed Update – Mari Veliz
 - Report 3: 2nd Quarter Profit and Loss Statement – Brian Horner
 - Report 4: Draft ABCA Five-Year Forecast – Brian Horner
8. **Presentation:** ABCA 75th Anniversary – Abigail Gutteridge
9. **Committee Reports**
 - Source Protection Committee – Mary Lynn MacDonald/Donna Clarkson
 - Water Response Team – Abigail Gutteridge
10. Correspondence
11. New Business
12. Committee of the Whole
13. Adjournment

Upcoming Meetings and Events

September 16, 2021 – Board of Directors Meeting at 10:00 a.m.

October 7, 2021 – Budget Committee Meeting at 9:30 a.m.

October 21, 2021 – Board of Directors Meeting at 10:00 a.m.

BOARD OF DIRECTORS MEETING

Thursday, June 17, 2021

Ausable Bayfield Conservation Authority Boardroom
Morrison Dam Conservation Area

VIA VIDEO CONFERENCE

DIRECTORS PRESENT

Ray Chartrand, Doug Cook, Adrian Cornelissen, Bob Harvey, Dave Jewitt, Mike Tam, Marissa Vaughan, Alex Westman

DIRECTORS ABSENT

George Irvin

STAFF PRESENT

Geoff Cade, Tim Cumming, Abbie Gutteridge, Brian Horner, Ian Jean, Daniel King, Mary Lynn MacDonald, Tracey McPherson, Kate Monk, Sharon Pavkeje, Nathan Schoelier, Meghan Tydd-Hrynyk, Mari Veliz

OTHERS PRESENT

Adam Skillen, *Skillen Investment Management*

CALL TO ORDER

Chair Doug Cook called the virtual meeting to order at 10:02 a.m. and welcomed everyone in attendance.

ADOPTION OF AGENDA

MOTION #BD 72/21

**Moved Ray Chartrand
Seconded by Mike Tam**

“RESOLVED, THAT the agenda for the June 17, 2021 Board of Directors Meeting be approved,”

Carried.

DISCLOSURE OF PECUNIARY INTEREST

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

DISCLOSURE OF INTENTION TO RECORD

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 73/21**

**Moved by Bob Harvey
Seconded by Marissa Vaughan**

“RESOLVED, THAT the minutes of the Board of Directors meeting held on May 20, 2021 and the motions therein be approved as circulated.”

Carried.

BUSINESS OUT OF THE MINUTES

None

PRESENTATION

Adam Skillen, Skillen Investment Management, presented an update on the investment portfolio, which has continued to perform well over the past year, despite a downturn in Spring 2020 due to the COVID-19 pandemic. He noted that our targets for 65% bonds and 35% equity have drifted due to Canadian equity performing well. Adam recommended rebalancing the portfolio to the targets.

MOTION #BD 74/21

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

“RESOLVED, THAT Skillen Investment Management rebalance the investment portfolio to the targets of 65% bonds and 35% equity.”

Carried.

PROGRAM REPORTS1. (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 15 *Applications for Permission* and 11 *Minor Works Applications*.

MOTION #BD 75/21

**Moved by Alex Westman
Seconded by Adrian Cornelissen**

“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, Water and Planning Manager, advised that staff are still working on a number of violations, including some that are before the courts. He noted that one file would be resolved shortly, with a guilty plea from the landowner and a permit approved.

MOTION #BD 76/21

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

“RESOLVED, THAT the report on Violations and Appeals be received as presented.”

Carried.

2. Stewardship Funding Project Review

Nathan Schoelier, Stewardship Technician, presented a report on stewardship funding to the Board of Directors. He noted that one erosion control project and three wetland projects had been approved for funding through the Canada Nature Fund, and one wetland project had been approved for funding through the EcoAction program.

MOTION #BD 77/21

**Moved by Ray Chartrand
Seconded by Mike Tam**

“RESOLVED, THAT the reports on Stewardship project funding be received as presented.”

Carried.

3. Conservation Authorities Act Phase 1 Consultation Guide

Brian Horner, General Manager and Secretary-Treasurer, presented the Phase 1 Consultation Guide for implementing changes to the Conservation Authorities Act, which has been posted to the Environmental Registry of Ontario (ERO) for comment. This Guide notes three sections that will need to be addressed: programs and services delivered by conservation authorities, governance and oversight of conservation authorities, and other regulatory matters. The first section includes natural hazards, management of conservation authority lands, Source Water Protection, core watershed-based resource management strategy, and provincial monitoring programs, programs and services requested by municipalities, and programs that the conservation authority deems advisable. Also included in this section are two sections that do not apply to the ABCA. The second section on governance and oversight notes the a regulation to require “community advisory boards” to provide advice and recommendations to the authority, help coordinate initiatives and identify opportunities for community engagement, among other duties. The third section about regulatory matters notes Section 29 Minister’s Regulation, in which the Minister plans to consolidate the current individual authority Section 29 “Conservation Areas” regulations regarding activities on lands owned by conservation authorities into one regulation. The Guide also gives a summary of required actions that are to be completed by all conservation authorities.

While there are some positive outcomes listed in the Guide, there have also been several issues and concerns that have been brought forward, including the capacity of staff to complete all of the required actions, the cost to completed the actions, as well as the ongoing costs. There is also

concern about the duplication of efforts with the creation of a community advisory board, listing recreation services as non-mandatory, as well as the delivery of education programs in the community. It is recommended that staff prepare a submission to the ERO on behalf on the Board to address the concerns raised.

MOTION #BD 78/21

**Moved by Bob Harvey
Seconded by Marissa Vaughan**

“RESOLVED, THAT staff prepare a submission to the ERO regarding the Conservation Authorities Act Phase 1 Consultation Guide”

Carried.

4. ABCA 75th Anniversary Update

Abigail Gutteridge, Corporate Services Coordinator provided the Board with a brief update on staff efforts for the ABCA’s 75th Anniversary, on July 30, 2021. Due to the pandemic, most efforts have been virtual, and will include project and partnership highlights for each member municipality. In addition, staff are planning a virtual watershed tour that residents can take on their own, as well as an online Story Map telling the history of the ABCA. There is still uncertainty about whether or not an in-person event can be held, and will depend on Provincial health regulations at that time.

5. Years of Service Awards

Brian Horner reported to the Board that, as the Partnership Appreciation Evening in March was cancelled this year, there were still a number of Years of Service Awards to be presented to both staff and Board Members. Managers and Chair Cook took turns acknowledging staff members and Board members for their continued excellent work.

Staff Members Receiving Awards

- Five Years of Service: Elizabeth Balfour, Mary Lynn MacDonald
- Ten Years of Service: Donna Clarkson
- Fifteen Years of Service: Bev Brown, Geoff Cade, Tim Cumming, Ian Jean, Kari Jean
- Twenty Years of Service: Mari Veliz
- Thirty Years of Service: Kate Monk

Board Members Receiving Awards

- Six Years of Service: Raymond Chartrand, Doug Cook

GENERAL MANAGER’S REPORT

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

COMMITTEE REPORTS

None

CORRESPONDANCE

Reference: Decision to Disband Clinton Lions Club

File: L.9.35

Brief: The Clinton Lions Club has decided to disband after 85 years due to low membership and a lack of fundraising. The Lions Club provided maintenance services to the Clinton Conservation Area, and will honour that commitment until the end of September 2021. Kate Monk noted that she will send a letter of thanks to the Lions Club and explore options for maintenance at the Clinton Conservation Area going forward.

NEW BUSINESS

1. Ray Chartrand informed the Board and staff that Brad Knight, CAO of the Municipality of Huron East will be retiring at the end of June, and new CAO, Brad McRoberts will commence work in July. Ray thanked Brad for the excellent work he has done over the years in Huron East.

COMMITTEE OF THE WHOLE

MOTION #BD 79/21

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

“RESOLVED, THAT the Board of Directors go into Committee of the Whole at 11:07 a.m. to discuss as personnel matter with Brian Horner, Abbie Gutteridge, Kate Monk and Tracey MacPherson remaining in attendance.”

Carried.

MOTION #BD 80/21

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

“RESOLVED, THAT the Committee of the Whole rise and report at 11:12 a.m.

Carried.

ADJOURNMENT

The meeting was adjourned at 11:13 a.m.

Doug Cook
Chair

Abigail Gutteridge
Corporate Services Coordinator

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

ABCA Program Report

To: Board of Directors
Date: July 15, 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

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

- (1) Jacob & Jeanette Peters (#2021-14) - Municipality of Central Huron (former Township of Goderich) - permission to replace existing armour stone with steel shore protection was granted by Authority Staff on May 14, 2021.
Completed Application Received: April 18, 2021
- (2) *Driftwood Trailer Park c/o Don Howe (#2021-67) - Municipality of Bluewater (former Township of Hay) - permission to install steel shore protection was granted by Authority Staff on June 11, 2021.
Completed Application Received: June 1, 2021
- (3) Clint & Michelle Hamilton (#2021-24) - Municipality of North Middlesex (former Township of McGillivray) - permission to construct an addition and septic in a regulated area was granted by Authority Board of Directors on June 16, 2021.
Hearing Date: April 15, 2021
- (4) John & Lisa Lanthier (#2021-65A) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 11, 2021.
Completed Application Received: June 1, 2021
- (5) Ron Carruthers (#2021-65B) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 11, 2021.
Completed Application Received: June 1, 2021
- (6) Charles Clark (#2021-65C) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 11, 2021.
Completed Application Received: June 1, 2021

- (7) Edna Sahl (#2021-65D) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 11, 2021.
Completed Application Received: June 1, 2021
- (8) James & Helen Brown (#2021-68A) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 18, 2021.
Completed Application Received: June 17, 2021
- (9) Grant Sawiak (#2021-68B) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 18, 2021.
Completed Application Received: June 17, 2021
- (10) Lisa Keinert & Roger Vogel (#2021-68C) - Municipality of Bluewater (former Township of Stanley) - permission to construct steel shore protection was granted by Authority Staff on June 18, 2021.
Completed Application Received: June 17, 2021
- (11) Kingsmere Syndicate (#2021-39) - Municipality of South Huron (former Township of Stephen) - permission to construct armour stone shore protection was granted by Authority Board of Directors on June 2, 2021.
Hearing Date: April 29, 2021
- (12) Ed & Christiane Van Barga (#2021-56) - Municipality of Bluewater (former Township of Stanley) - permission to repair shore protection with armour stone was granted by Authority Staff on June 16, 2021.
Completed Application Received: May 14, 2021
- (13) Carlos Goncalves (#2021-70) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to redevelop an existing residence was granted by Authority Staff on June 18, 2021.
Completed Application Received: June 2, 2021
- (14) New Venice Corp c/o Frank Delitala (#2021-72) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to replace an agricultural shed was granted by Authority Staff on June 18, 2021.
Completed Application Received: May 24, 2021
- (15) Municipality of North Middlesex (#2021-72) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to improve a road crossing and conduct site grading associated with a new elevated tank was granted by Authority Staff on June 21, 2021.

Completed Application Received: June 18, 2021

- (16) *Glenn Hayter (#2021-73) - Municipality of Bluewater (former Township of Hay) - permission to install armour stone shore protection was granted by Authority Staff on June 22, 2021.
Completed Application Received: June 9, 2021
- (17) Rachael Steeper (#2019-41B) - Municipality of Lambton Shores (former Township of Bosanquet) - permission for extension to install steel shore protection was granted by Authority Staff on June 24, 2021.
- (18) Greg & Kim Rush (#2021-76) - Municipality of Lambton Shores (former Township of Bosanquet) - permission to construct a new dwelling was granted by Authority Staff on June 29, 2021.
Completed Application Received: May 18, 2021

Minor Works Permits

- (1) Travis Koolen (MW#2021-01) - Municipality of Lambton Shores (former township of Bosanquet) - permission to install a pool in a regulated area was granted by Authority Staff on June 16, 2021.
Completed Application Received: April 28, 2021
- (2) Steve Guenther (MW#2021-54) - Municipality of Bluewater (former township of Stanley) - permission to construct a new septic in a regulated area was granted by Authority Staff on June 21, 2021.
Completed Application Received: June 2, 2021
- (3) Shawn & Monique Wilson (MW#2021-55) - Municipality of Lambton Shores (former township of Bosanquet) - permission to construct a covered porch in a regulated area was granted by Authority Staff on June 22, 2021.
Completed Application Received: May 27, 2021
- (4) Municipality of Lambton Shores (MW#2021-56) - Municipality of Lambton Shores (former township of Bosanquet) - permission to construct a beach shelter in a regulated area was granted by Authority Staff on June 25, 2021.
Completed Application Received: May 26, 2021
- (5) Matt & Rachel Hummel (MW#2021-57) - Municipality of Bluewater (former township of Stanley) - permission to construct a new pool and pool shed in a regulated area was granted by Authority Staff on June 25, 2021.
Completed Application Received: May 29, 2021
- (6) Amanda & Tim Leidl (MW#2021-58) - Municipality of Central Huron (former township of Goderich) - permission to replace trailer and shed in a regulated area was granted by Authority Staff on June 25, 2021.
Completed Application Received: May 26, 2021
- (7) Clarence Covey (MW#2021-59) - Municipality of Bluewater (former township of Stanley) - permission to construct a shed in a regulated area was granted by Authority Staff on June 25, 2021.
Completed Application Received: May 22, 2021
- (8) Terry Guest (MW#2021-60) - Municipality of Lambton Shores (former township of Bosanquet) - permission to construct a roof over existing deck and privacy fence in a regulated area was granted by Authority Staff on June 25, 2021.
Completed Application Received: June 15, 2021

ABCA Program Report

To: Board of Directors
From: Nathan Schoelier, Stewardship Technician
Angela Van Niekerk, Wetland Specialist
Re: Canada Nature Fund Projects
Restoration and mitigation for Ausable River Species at Risk (SAR) in
Ontario
Date: July 15, 2021

Background

The draft Ausable River Recovery Action Plan (2018) has reconfirmed that the two main threats to aquatic species at risk (SAR) in the Ausable River are nutrient enrichment and sediment deposition. The primary goal of this multi-year project is to improve aquatic habitat in the Ausable River for SAR freshwater mussels and fishes.

Fisheries and Oceans Canada (DFO) is providing \$213,000 in funding for the 2021-2022 project year. Stewardship activities will include working with watershed residents for up to five wetland restorations; up to 17 tree planting sites; up to 12,000 acres of cover crops; and up to five sediment and nutrient reduction activities (fencing out livestock and WASCOBS). As well as monitoring SAR fish and the SAR mussel fish hosts at six long term index stations and education and outreach in the Ausable River watersheds.

Funding rate is 50% of project costs. However, where projects meet the eligibility requirements of both programs the federal and provincial funding can be stacked to recover up to 100% of project costs.

The following are the project categories and grant ceilings per project.

Project type	Grant rate	Maximum grant per person
Fragile Land Retirement	50%	\$4,000
Wetland Restoration	50%	\$5,000
Sediment and Nutrient Reduction Activities	50%	\$5,000
Livestock Access Restriction	50%	\$4,000
Cover Crops	\$15/acre	\$1,500

Applications for funding: WETLAND RESTORATION

The following applications for funding have been received and approved by ABCA staff.

CANADA NATURE FUND				
File #	Name	Location	Details	Grant
AB-3045	Ladell Farms	Lot 11, Con 12, Lobo	Retiring and fencing cattle from 17 acres of pasture in the floodplain over the next two years and restoring 0.35 acres or more with three wetlands /oxbow and adding some northern pike spawning areas within the wetlands.	\$2,700 CNF Matched with ALUS, DUC, Landowner.
AB-3047	Schoeley, Dana	Lot 21, 22, 23 Con 9, West Williams	Landowners will be implementing a series of berms to slow flooding and erosion across their field this year or next. At the bottom, we will create a 0.5 acre wetland at the edge of the field before it overflows into natural vegetated flat area to infiltrate through the soils before going into the short tributary that flows into the Ausable River.	\$3,000 CNF Matched with ALUS, DUC, Landowner.

Total Canada Nature Fund: \$12,200 of \$18,200 approved (Fisheries and Oceans Canada)

Applications for funding: SEDIMENT AND NUTRIENT REDUCTION ACTIVITES

The following applications for funding have been received and approved by ABCA staff.

CANADA NATURE FUND				
File #	Name	Location	Details	Grant
AB-3028	John & Laurel Miner	Concession 3, Lot 11, Usborne, South Huron Upper Ausable sub-watershed.	Installation of three WASCoBs to allow for proper sediment retention and nutrient reduction. Designed by an OMAFRA Certified Erosion Control Contractor.	\$1784.50 CNF \$3569 being applied for through HCWP. \$1784.50 in remaining funds to be covered by the landowner
AB-3046	Ladell Farms	Lot 11, Con 12, Lobo	Retiring and fencing cattle from 17 acres of pasture in the floodplain over the next two years.	\$4,000 CNF Matched with ALUS, Landowner.

Total Canada Nature Fund: \$13,059.50 of \$23,000 approved (Fisheries and Oceans Canada)

Applications for funding: FRAGILE LAND RETIREMENT

The following applications for funding have been received and approved by ABCA staff.

CANADA NATURE FUND				
File #	Name	Location	Details	Grant
<i>No projects to be approved at this meeting</i>				

Total Canada Nature Fund: \$0.00 of \$46,000 approved (Fisheries and Oceans Canada)

Applications for funding: COVER CROPS

The following applications for funding have been received and approved by ABCA staff.

CANADA NATURE FUND				
File #	Name	Location	Details	Grant
<i>No projects to be approved at this meeting</i>				

Total Canada Nature Fund: \$0.00 of \$20,000 approved (Fisheries and Oceans Canada)

ABCA Program Report

To: Board of Directors
From: Angela Van Niekerk, Wetland Specialist
Re: EcoAction Projects
Investing in Lake Huron: Green infrastructure to control storm water
Date: July 15th, 2021

Background

ABCF seeks to create wetlands or water retention areas located in, or at the edge of fields, floodplains and near existing wetlands, bio-retention demonstration site in the village of Bayfield and planting riparian habitats with native trees and plants within the Lake Huron watershed (Middlesex, Huron and Lambton Counties). Restoring at least 25 acres (2020 to 2023) will provide water quality improvements for Lake Huron.

Environment Canada and Climate Changes is providing \$35,349 in funding for the 2021-2022 project year. This is the second year of a three-year grant for this project. Stewardship activities will include working with watershed residents to create and enhance water storage and water filtration on the landscape, and plant native trees and shrubs.

Funding rate is 50% of project costs. However, where projects meet the eligibility requirements of both programs the federal and provincial funding can be stacked to recover up to 100% of project costs.

The following are the project categories and grant ceilings per project.

Project type	Grant rate	Maximum grant per person
Fragile Land Retirement	50%	\$4,000
Wetland Restoration	50%	\$5,000

Applications for funding: WETLAND RESTORATION & BIORETENTION

The following applications for funding have been received and approved by ABCA staff.

ECOACTION PROGRAM				
File #	Name	Location	Details	Grant
AB-2927	Dunlop, Bill	Lot 21, Con 9, Bosanquet	Retired 2.4 acres to create two wetlands (1 acre) to provide water storage from the fields. The wetlands will capture water that flows through this area, provide storage, and allow sediment to settle out, filter out nutrients and sediment, reducing flooding	\$2,033 EcoAction Matched with Lambton ALUS, DUC, Landowner

			and erosion, improving water quality downstream for SAR.	
AB-2928	Weiche, Al	Lot 17, Con 10, Stanley	Excavate approximately a 443m ² wetland to capture water running off the adjacent field, slowing flooding and erosion before it reaches Lake Huron.	\$2,500 EcoAction Matched with DUC, HCWP, Landowner

Total EcoAction Fund for April 2021 to June 2021: \$6,033 of \$18,226 (Environment and Climate Change Canada)

Applications for funding: FRAGILE LAND RETIREMENT

The following applications for funding have been received and approved by ABCA staff.

EcoACTION				
File #	Name	Location	Details	Grant
<i>No projects to be approved at this meeting</i>				

Total EcoAction Fund for April 2021 to June 2021: \$0.00 of \$13,550 (Environment and Climate Change Canada)

ABCA Program Report

To: Board of Directors
Date: July 7, 2021
From: Mari Veliz
Subject: Healthy Watersheds – Priority Watershed Work

To better understand the relationship between water, sediment and nutrient runoff, soil health and crop yield, side-by-side trials have been established at Huronview and Gully Creek (since 2010). With the long-term collection of data in this field and downstream watershed, we continue to collaborate with provincial ministries, the Ontario Soil and Crop Improvement Association and the University of Guelph, Watershed Evaluation Group. Collectively we are able to make connections between field practices and downstream water quality outcomes. These studies benefit from long-term data to address the variability that is introduced over the three-year crop rotation, and ever-changing weather.

Producers have asked for local information, including:

- 1) nutrient reductions (with testing a new product Envita and helping the farmer with manure testing after the use of a manure agitator) will be completed on a Gully Creek Field.
- 2) calibration testing of seed drill to enable the most efficient application of cover crop seeds, planned for 2022
- 3) better understanding of requirements for profitability mapping (with the advent of GIS technologies, knowledge translation is required to appropriately use annual yield maps to inform field management)
- 4) soil testing has been completed at Huronview to better understand fertility, soil health and pedology. Further testing needs to help inform soil health consequences of the different drainage designs and future management (2022).
- 5) assess the effectiveness of wetlands and contour drainage in managing water at the Huronview Demonstration farm. Producers involved feel that data from two or three years after the installation of the tiles (June 2019) are needed to make any preliminary results.
- 6) cover crops and flow generation.
 - a. Data have been collected for nearly 10 years at the Gully Creek fields and flow/noflow conditions under various land vegetative cover needs to be updated;
 - b. in 2020/2021 winter we have a side by side cover crop/no cover crop on different field subwatersheds and data need to be analysed;
 - c. in 2020, a couple of 60”corn trials were installed. Part of the “payback” might be in the yield in the 2021 soy crop. The ABCA is assisting some producers in this follow up.

From a water quality perspective, more water moving has implications for nutrient loads, and downstream erosion and flooding. Monitoring appropriately in watersheds will be important to see if these practices translate to reducing the flow, because from the loadings perspective it

seems addressing the flows will continue to be important. Ongoing dialogue with collaborating landowners, government and University researchers is important so that site and watershed effectiveness of best management practices are understood.

Statement of Profit & Loss

January through June

Accrual Basis

Table 1: Consolidated

	2020	2021	2021				% of Budget
	Actual 1st Six Months	Annual Budget	1st Qtr	2nd Qtr	Total Six Months	Forecast Dec 31 '21	
Revenue							
Grant, Provincial/Federal	309,812	481,602	61,825	374,261	436,086	533,404	111%
Levy, General	534,026	1,109,678	0	554,839	554,839	1,109,678	100%
Levy, Projects	137,952	226,691	0	113,348	113,348	226,696	100%
Levy, Capital	28,599	0	0	0	0	0	0%
Levy, Special Benefit	0	96,673	0	0	0	81,673	84%
Levy, Special Benefit, WECl	0	95,600	0	0	0	30,000	31%
Rental	35,646	67,200	2,919	37,326	40,245	66,740	99%
Conservation Area User Fees	49,433	184,900	5,393	43,436	48,830	184,900	100%
Sales & Service	318,884	603,124	285,534	102,950	388,484	620,534	103%
Donations	777	500	2,893	2,303	5,196	5,196	1039%
Interest	14,065	16,000	4,188	756	4,944	11,866	74%
Partnership Contributions	373,069	672,614	697,350	109,659	807,009	1,362,086	203%
Sundry	0	0	450	0	450	450	0%
Deferred from Prior Year - Revenue	952,913	1,045,629	1,142,888	0	1,142,888	1,142,888	109%
Deferred to Future Year - Expense	0	(525,630)	0	0	0	(912,652)	174%
Total Revenue	2,755,175	4,074,581	2,203,440	1,338,878	3,542,319	4,463,459	110%
Expense							
Purchased Services	168,149	352,583	51,633	143,332	194,965	419,931	119%
Advertising	2,644	9,133	2,677	994	3,671	8,009	88%
Memberships, Dues, Licenses	45,558	56,497	21,084	23,611	44,695	56,041	99%
Maintenance and Repair	8,784	203,721	1,512	6,471	7,983	115,021	56%
Property Taxes	29,853	62,096	13,134	13,076	26,210	62,421	101%
Office Operations	61,811	125,282	37,561	25,991	63,552	115,023	92%
Rental	6,360	11,013	2,695	2,847	5,542	14,779	134%
Training and Development	4,328	17,811	633	3,256	3,889	10,371	58%
Travel Costs and Accommodations	3,649	17,416	380	1,379	1,759	4,690	27%
Uniforms	2,263	8,854	0	0	0	7,500	85%
Utilities	20,159	41,534	8,360	9,499	17,859	47,624	115%
Vehicles and Field Equipment	40,087	93,897	13,403	14,636	28,039	89,518	95%
Program	297,752	502,512	547,004	214,861	761,865	1,047,965	209%
Board Of Director's	5,342	22,150	376	8,174	8,550	36,700	166%
Wages and Benefits	1,140,810	2,493,656	499,610	665,497	1,165,106	2,330,213	93%
Total Operating Expense	1,837,551	4,018,155	1,200,063	1,133,624	2,333,687	4,365,806	109%
Net Operating Income	917,625	56,426	1,003,377	205,255	1,208,632	97,653	173%
Other (Income) Expense							
Capital	63,563	91,600	0	34,885	34,885	91,600	100%
Amortization	92,363	182,478	45,185	44,226	89,411	192,605	106%
Investment Income - Earned	(42,544)	0	(26,357)	(12,880)	(39,237)	0	0%
Investment Income - Unearned	194,709	0	(107,244)	(191,000)	(298,244)	0	0%
From Reserve - Revenue	(58,796)	(117,684)	(21,406)	(21,406)	(42,813)	(85,625)	73%
Reserves - Expenses	48,173	82,513	19,293	21,965	41,257	82,513	100%
Total Other Expense	297,468	238,907	(90,530)	(124,212)	(214,741)	281,093	118%
	(297,468)	(238,907)	90,530	124,212	214,741	(281,093)	118%
Net Income	620,157	(182,481)	1,093,907	329,466	1,423,373	(183,440)	101%



Statement of Profit & Loss
January through June

Accrual Basis

Table 2: Drinking Water Source Protection

	2020	2021				
	Actual			Total	Annual	% of
	1st Six Months	1st Qtr	2nd Qtr	Six Months	Budget	Budget
Revenue						
Grant, Provincial/Federal	158,084	0	160,193	160,193	215,000	75%
Interest	641	145	38	182	1,000	18%
Deferred from Prior Year - Revenue	70,626	48,597	0	48,597	61,324	79%
Deferred to Future Year - Expense	0	0	0	0	(14,752)	0%
Total Revenue	229,351	48,742	160,231	208,973	262,572	80%
Expense						
Purchased Services	16,012	4,306	5,774	10,081	23,000	44%
Advertising	0	0	0	0	100	0%
Memberships, Dues, Licenses	288	0	0	0	0	100%
Office Operations	10,883	12,755	675	13,430	20,200	66%
Rental	3,519	1,760	1,670	3,429	7,150	48%
Training and Development	31	0	0	0	300	0%
Travel Costs and Accommodations	426	0	0	0	500	0%
Uniforms	0	0	0	0	350	0%
Utilities	690	345	345	690	2,300	30%
Vehicles and Field Equipment	90	0	0	0	1,000	0%
Program	0	0	0	0	0	100%
Board Of Director's	76	0	187	187	10,250	2%
Wages and Benefits	99,209	35,608	47,537	83,145	197,422	42%
Total Operating Expense	131,224	54,774	56,188	110,962	262,572	42%
Net Operating Income	98,127	(6,032)	104,043	98,011	0	100%
Other (Income) Expense						
From Reserve - Revenue	0	0	0	0	0	100%
Total Other Expense	0	0	0	0	0	100%
Net Income	98,127	(6,032)	104,043	98,011	0	100%



Ausable Bayfield Conservation Authority

71108 Morrison Line, RR 3

Exeter, ON N0M 1S5

Statement of Profit & Loss

January through June

Accrual Basis

Table 3: Excluding Drinking Water Source Protection

	2020	2021				% of Budget
	Actual	Total		Annual	% of Budget	
	1st Six Months	1st Qtr	2nd Qtr	Six Months	Budget	
Revenue						
Grant, Provincial/Federal	151,728	61,825	214,068	275,893	266,602	103%
Levy, General	534,026	0	554,839	554,839	1,109,678	50%
Levy, Projects	137,952	0	113,348	113,348	226,691	50%
Levy, Capital	28,599	0	0	0	0	100%
Levy, Special Benefit	0	0	0	0	96,673	0%
Levy, Special Benefit, WECl	0	0	0	0	95,600	0%
Rental	35,646	2,919	37,326	40,245	67,200	60%
Conservation Area User Fees	49,433	5,393	43,436	48,830	184,900	26%
Sales & Service	318,884	285,534	102,950	388,484	603,124	64%
Donations	777	2,893	2,303	5,196	500	1039%
Interest	13,425	4,044	718	4,762	15,000	32%
Partnership Contributions	373,069	697,350	109,659	807,009	672,614	120%
Sundry	0	450	0	450	0	100%
Deferred from Prior Year - Revenue	882,287	1,094,290	0	1,094,290	984,305	111%
Deferred to Future Year - Expense	0	0	0	0	(510,878)	0%
Total Revenue	2,525,824	2,154,698	1,178,648	3,333,346	3,812,009	87%
Expense						
Purchased Services	152,137	47,327	137,558	184,885	329,583	56%
Advertising	2,644	2,677	994	3,671	9,033	41%
Memberships, Dues, Licenses	45,270	21,084	23,611	44,695	56,497	79%
Maintenance and Repair	8,784	1,512	6,471	7,983	203,721	4%
Property Taxes	29,853	13,134	13,076	26,210	62,096	42%
Office Operations	50,929	24,806	25,316	50,122	105,082	48%
Rental	2,840	935	1,177	2,113	3,863	55%
Training and Development	4,298	633	3,256	3,889	17,511	22%
Travel Costs and Accommodations	3,224	380	1,379	1,759	16,916	10%
Uniforms	2,263	0	0	0	8,504	0%
Utilities	19,469	8,015	9,154	17,169	39,234	44%
Vehicles and Field Equipment	39,997	13,403	14,636	28,039	92,897	30%
Program	297,752	547,004	214,861	761,865	502,512	152%
Board Of Director's	5,266	376	7,987	8,363	11,900	70%
Wages and Benefits	1,041,601	464,001	617,960	1,081,962	2,296,234	47%
Total Operating Expense	1,751,020	1,145,289	1,077,436	2,222,725	3,755,583	59%
Net Operating Income	774,804	1,009,409	101,212	1,110,621	56,426	1968%
Other (Income) Expense						
Capital	63,563	0	34,885	34,885	91,600	38%
Amortization	92,363	45,185	44,226	89,411	182,478	49%
Investment Income - Earned	(42,544)	(26,357)	(12,880)	(39,237)	0	100%
Investment Income - Unearned	194,709	(107,244)	(191,000)	(298,244)	0	100%
From Reserve - Revenue	(58,796)	(21,406)	(21,406)	(42,813)	(117,684)	36%
Reserves - Expenses	48,173	19,293	21,965	41,257	82,513	50%
Total Other Expense	297,468	(90,530)	(124,212)	(214,741)	238,907	-90%
Net Income	477,336	1,099,939	225,423	1,325,362	(182,481)	-726%

Schedule 1

**Ausable Bayfield Conservation Authority
Proposed Five Year Forecast 2022 - 2026**

July 15 '21

**5 Year %
Average
Increase**

Account	Approved 2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	5 Year % Average Increase
General Levy	\$1,109,679	\$1,155,204	\$1,184,527	\$1,203,008	\$1,221,591	\$1,240,563	
Project Levy	\$226,691	\$311,087	\$384,074	\$417,388	\$387,467	\$337,287	
	\$1,336,370	\$1,466,291	\$1,568,601	\$1,620,396	\$1,609,057	\$1,577,850	3.47

Ausable Bayfield Conservation Authority

Proposed Five Year Forecast 2022 - 2026

July 15 '21

5 Year %
Average

Description	Approved	Proposed Five Year					Increase
	2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	
General Levy							
Corporate Services	617,577	626,692	636,010	645,463	655,053	664,778	1.48
Education	92,298	120,393	122,624	124,890	127,189	129,523	7.56
Flood Plain Mgt	135,205	137,596	140,078	142,597	145,152	147,745	1.79
Environmental Monitoring	215,833	219,184	222,586	226,040	229,548	233,109	1.55
DWSP	0	0	0	0	0	0	
Property Management	0	(0)	(0)	(0)	(0)	(0)	
Recreation	0	(0)	0	(0)	0	(0)	
Stewardship	35,994	38,587	50,551	51,428	52,320	53,226	8.68
Vehicle and Equipment	0	0	0	0	0	0	
Amortization	5,422	5,403	5,329	5,241	4,979	4,832	(2.26)
Capital/Reserve	7,350	7,350	7,350	7,350	7,350	7,350	0.00
	1,109,679	1,155,204	1,184,527	1,203,008	1,221,591	1,240,563	2.26

Ausable Bayfield Conservation Authority
Proposed Five Year Forecast 2022 - 2026

July 15 '21

Description	Project #	Approved	Proposed Five Year					
		2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	
Project Levy								
Ongoing Projects								
C.A. Mapping & Geoportal Maintenance	5120	2,875	3,723	3,842	3,896	3,951	4,007	
Core Dataset Update	5121	28,280	28,929	29,358	29,795	33,739	34,189	
Enhanced Water Quality Monitoring	5159	20,000	31,311	33,577	34,061	34,552	35,050	
Fisheries & Drain Assessments	5140	23,000	23,369	23,973	24,585	25,207	25,838	
Low Water Response	5155	5,126	5,229	5,333	5,440	5,549	5,660	
Spills Response	5158	2,000	2,030	2,060	2,090	2,122	2,153	
Port Franks Ice Mgt. & Erosion Control	4401 & 4403	3,039	3,201	3,236	3,271	3,307	3,343	
Water Monitoring	5152, 5154, 5157	53,929	58,693	59,559	60,440	61,335	62,242	
Sub Total Ongoing Projects		138,249	156,484	160,937	163,579	169,761	172,484	4.61
Phased Projects								
Ausable River Recovery	5170 & 5171	21,400	21,600	22,071	22,492	22,922	23,360	
Morrison & Parkhill Dam Safety - WECl	4271 & 4272	0	3,392	6,446	64	63	64	
CA Maintenance & Upgrades	6599	20,000	20,000	20,000	20,000	20,000	20,000	
Natural Heritage Systems Update	5104	5,500	5,600	5,683	6,328	6,688	6,787	
Sinkhole Study Annual Costs	5124	0	6,259	6,347	-18,565	6,525	31,558	
Farm Monitoring Demo - Huronview	5116	5,000	5,100	15,600	15,900	16,101	16,305	
Admin Centre Upgrade Accessibility (Elevator)	1020	5,000	5,000	5,000	5,000	0	0	
Community Groups - Water Sampling	5191	19,000	19,000	19,279	19,561	19,848	20,140	
Management of Invasive Species on ABCA Land	6050	6,272	5,045	5,117	5,189	6,451	6,543	
Watershed Report Cards	5198	0	20,000	17,500	0	0	0	
Shoreline Management - Education	5122	0	5,151	5,225	5,301	5,377	5,455	
Sub Total Phased Projects		82,172	116,148	128,268	81,271	103,976	130,213	13.66
Total Ongoing and Phased		220,421	272,632	289,205	244,850	273,738	302,696	7.36

Ausable Bayfield Conservation Authority
Proposed Five Year Forecast 2022 - 2026

July 15 '21

Description	Project #	Approved	Proposed Five Year					
		2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	
New Projects								
Admin Centre - Major Capital Mtce.	1020	0	10,000	10,000	0	10,000	10,000	
General WECI	4172 & 4272	0	1,266	1,288	1,302	1,320	1,337	
Stewart Gully WECI	4173	0	558	0	0	0	0	
Nairn & Port Franks Gauges	4311	0	0	6,667	6,667	0	0	
Flood Damage Assessment	4320	0	0	7,000	0	0	0	
HEC HMS Watershed Model	4350	0	0	0	45,000	25,000	0	
Erosion of Monitoring Station	5102	0	0	0	10,000	0	0	
Subwatershed Study	5110	0	6,000	6,082	6,164	6,248	6,333	
Watershed Based BMP Evaluation	5115	0	5,450	5,543	5,637	5,733	5,831	
Flood Forecasting & Warning System	5129	0	0	12,500	15,500	0	0	
Regulations Database	5125	0	0	0	16,500	0	0	
Regulations Policy & Mapping Updates	5136	0	0	30,000	30,000	0	0	
Stream Gauge - Nairn	5132	0	4,500	0	0	0	0	
Sinkhole Study Investigation	5124	0	0	0	25,000	25,000	0	
Municipal Drain File Scanning	5125	0	5,180	5,180	0	0	0	
Climate Change Study	5127	6,270	0	0	0	0	0	
Stormwater Management Policy Review	5126	0	0	0	0	29,500	0	
ARR Monitoring & Community Action (Wetlands)	5173	0	5,500	5,610	5,694	5,780	5,866	
Natural Heritage SAR Inventory	6055	0	0	5,000	5,074	5,148	5,224	
Sub Total New Projects		6,270	38,455	94,869	172,538	113,729	34,591	127.64
Total		226,691	311,087	384,074	417,388	387,467	337,287	9.85

Ausable Bayfield Conservation Authority
Proposed Five Year Forecast 2022 - 2026

July 15 '21

Description	Approved	Proposed Five Year				
	2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Capital/Reserve To Reserve						
Reserve Funded by General Levy \$						
Maintaining Existing Structures	4,000	4,000	4,000	4,000	4,000	4,000
Specific Amortization - Building	3,594	3,577	3,509	3,493	3,233	3,344
Specific Amortization - Linear Assets	1,152	1,161	1,161	1,161	1,161	1,161
Specific Amortization - Land Improvements	453	453	453	391	389	278
Specific Amortization - Office furniture & Fixtures	223	212	206	196	196	49
Floodplain Structures - Annually	3,350	3,350	3,350	3,350	3,350	3,350
	12,772	12,753	12,679	12,591	12,329	12,182
Funded by other \$'s						
Floodplain Spec. Benefitting & Grant	15,000	15,000	15,000	15,000	15,000	15,000
Vehicle Reserve - Internal Operations	14,592	10,283	30,904	8,533	31,671	16,817
Rock Glen Surplus	35,650	0	0	0	0	0
Accessibility - Requirements (Elevator)	5,000	5,000	5,000	5,000	0	0
	83,014	43,036	63,583	41,125	59,000	43,999
Capital						
Vehicle/Equipment Purchases						
Miscellaneous	0	0	20,000	0	0	0
Parkhill CA Gate	3,000	0	0	0	0	0
Rock Glen Museum - MMtce	22,000	0	0	0	0	0
Rock Glen - Low Flow Crossing Mmtce	20,000					
Admin. Centre - Accessibility Renovation		75,000	150,000	50,000	0	0
Van	0				25,000	0
1996 Large JD Tractor Replacement	0	0	0	0	0	0
Pick up Replacement	32,000	0	0	0	0	35,000
Ford F350 Replacement	0	0	0	40,000	0	0
Ford F150 Replacement	0	40,000	0	0	0	0
	77,000	115,000	170,000	90,000	25,000	35,000
IT purchases funded through operations	14,600	14,500	24,400	17,300	24,900	17,700
	91,600	129,500	194,400	107,300	49,900	52,700

Ausable Bayfield Conservation Authority

Proposed Five Year Forecast 2022 - 2026

July 15 '21

Description	Approved	Proposed Five Year				
	2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
From Reseres						
Dep #1020 - Accessibility Improvements	10,000	37,500	75,000	25,000	0	
Dep #1031 - Information Technology	5,230	0	10,000	0	5,000	0
Dep #4272 & #4275- Parkhill Dam WECI	4,850	0	0	0	0	0
Dep #6599 - C.A. Major Maintenance	5,191	20,000	27,000	5,000	15,000	30,000
Dep #6510 - Bannockburn CA	5,000	0	0	0	0	0
Dep #5136 - Regs Mapping Update	12,209	0	0	0	0	0
Dep #5132 - Exeter Stream Gauge Replacement	15,000	0	0	0	0	0
Dep #6020 - Farm Land	60,204	62,248	63,095	63,953	64,823	65,704
	117,684	119,748	175,095	93,953	84,823	95,704

Ausable Bayfield Conservation Authority
Proposed Five Year Forecast 2022 - 2026

July 15 '21

5 Year %
Average

Description	Approved	Proposed Five Year					5 Year % Average Increase
	2021 Budget	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	
ABCA - 5 Year							
REVENUE							
Revenue from Operations							
Grant	\$481,602	\$337,112	\$351,333	\$370,859	\$380,930	\$356,002	(4.81)
Levy, General	\$1,109,679	\$1,155,204	\$1,184,527	\$1,203,008	\$1,221,591	\$1,240,563	2.26
Levy, Projects	\$226,691	\$311,087	\$384,074	\$417,388	\$387,467	\$337,287	9.85
Levy, Special Benefit	\$96,673	\$91,386	\$97,944	\$99,188	\$87,117	\$88,397	(1.54)
Levy, Special Benefit, WECI	\$95,600	\$18,999	\$23,203	\$4,097	\$4,150	\$4,204	(27.55)
Rental	\$67,200	\$67,159	\$59,298	\$60,144	\$61,006	\$61,879	(1.50)
Conservation Area User Fees	\$184,900	\$164,771	\$175,800	\$178,177	\$180,556	\$182,980	(0.03)
Sales & Service	\$603,624	\$622,853	\$632,321	\$642,287	\$653,383	\$662,411	1.88
Donations	\$500	\$507	\$514	\$521	\$528	\$535	1.36
Interest	\$16,000	\$15,445	\$15,681	\$16,020	\$16,289	\$16,506	0.65
Partnership Contributions	\$672,614	\$579,320	\$761,012	\$702,813	\$421,433	\$353,053	(9.28)
Deferred from Prior Year	\$1,045,627	\$525,629	\$130,329	\$82,010	\$76,422	\$67,854	(36.01)
From Reserve	\$117,684	\$119,748	\$175,095	\$93,953	\$84,823	\$95,704	0.95
TOTAL REVENUE	\$4,718,395	\$4,009,219	\$3,991,132	\$3,870,464	\$3,575,692	\$3,467,376	(5.83)
EXPENSES							
Purchased Services	\$352,582	\$311,589	\$349,176	\$366,315	\$390,540	\$361,238	0.89
Advertising	\$9,133	\$9,045	\$9,167	\$9,294	\$9,420	\$9,547	0.90
Memberships, Dues, Licenses	\$56,497	\$60,950	\$60,437	\$60,723	\$61,327	\$62,249	2.00
Maintenance & Repair	\$203,721	\$47,453	\$25,073	\$15,278	\$25,486	\$25,697	(19.06)
Property Taxes	\$62,096	\$62,940	\$63,796	\$64,664	\$65,543	\$66,434	1.36
Office Operations	\$125,281	\$122,720	\$151,436	\$156,650	\$128,555	\$126,723	1.09
Rental	\$11,012	\$10,168	\$10,110	\$10,286	\$10,348	\$10,320	(1.23)
Training and Development	\$17,811	\$13,931	\$13,868	\$13,983	\$14,107	\$14,238	(3.92)
Travel Costs & Accom	\$17,416	\$13,119	\$12,796	\$12,826	\$12,871	\$12,928	(5.22)
Uniforms	\$8,854	\$9,023	\$9,003	\$9,105	\$9,207	\$9,308	1.01
Utilities	\$41,534	\$41,439	\$41,908	\$42,500	\$43,061	\$43,599	0.98
Vehicles & Field Equipment	\$93,897	\$80,633	\$81,772	\$80,772	\$81,780	\$82,797	(2.29)
Program Costs	\$502,511	\$451,936	\$402,616	\$448,856	\$257,650	\$201,367	(14.79)
Board of Director's	\$22,150	\$21,509	\$21,736	\$22,213	\$22,508	\$22,663	0.47
Wages & Benefits	\$2,493,656	\$2,449,899	\$2,398,247	\$2,332,155	\$2,266,535	\$2,264,547	(1.90)
Capital Purchase	\$91,600	\$129,500	\$194,400	\$107,300	\$49,900	\$52,700	(0.24)
Amortization	\$182,479	\$179,454	\$180,070	\$173,504	\$171,565	\$178,797	(0.37)
Deferred to Future Year	\$525,629	\$130,329	\$82,010	\$76,422	\$67,854	\$57,023	(29.25)
To Reserves	\$83,014	\$43,034	\$63,581	\$41,122	\$59,000	\$43,998	(3.54)
TOTAL EXPENDITURE	\$4,900,873	\$4,188,672	\$4,171,202	\$4,043,968	\$3,747,257	\$3,646,173	(5.61)
Surplus/(Deficit)	(\$182,478)	(\$179,453)	(\$180,070)	(\$173,504)	(\$171,565)	(\$178,797)	

SOURCE PROTECTION COMMITTEE (SPC) MEETING MINUTES
May 26, 2021
VIA VIDEO CONFERENCE

MEMBERS PRESENT

Ian Brebner, Bert Dykstra, Mary Ellen Foran, Dave Frayne, John Graham, Paul Heffer, Rowland Howe, Philip Keightley, Alyssa Keller, Matt Pearson, Allan Rothwell, Jennette Walker

MEMBERS ABSENT

Myles Murdock

MEMBERS OF THE PUBLIC

Kyle Davis – Risk Management Official Wellington
Evan Davis – Student (Wellington)

LIAISONS PRESENT

Ausable Bayfield Source Protection Authority (SPA) Liaison – Brian Horner
Maitland Valley SPA Liaison – Phil Beard
Ministry of Environment, Conservation and Parks (MECP) Liaison Officer – Olga Yudina

LIAISONS ABSENT

Huron Perth Public Health Liaison – Lori Holmes

DWSP STAFF PRESENT

Aaron Clarke, Donna Clarkson, Abigail Gutteridge, Mary Lynn MacDonald

CALL TO ORDER

Chair Matt Pearson called the meeting to order at 9:30 a.m., and welcomed the committee members and guests to the meeting. He noted that it was the 69th meeting of the SPC since its inception in October of 2007.

AGENDA

MOTION #SPC: 2021-05-01

“That the agenda for the May 26, 2021 meeting be approved as presented.”

Carried by Consensus.

APPROVAL OF MINUTES

MOTION #SPC: 2021-05-02

“That the SPC minutes from March 24, 2021 be approved as presented.”

Carried by Consensus.

BUSINESS OUT OF THE MINUTES

None

DECLARATION OF PECUNIARY INTEREST

None

CORRESPONDENCE

None

CHAIR'S UPDATE

Chair Matt Pearson gave the committee a brief update from the most recent virtual meeting for the SPC Chairs and Project Managers. He noted that the Phase II Director's Technical Rules were still under review by the province, as were 2021-2022 budgets for all regions. Chair Pearson reported that Keley Katona stepped down as director for the Conservation and Source Protection Branch of the MECP, and that Susan Ecclestone will act as interim director. Once a new director is in place Source Protection Committee Chairs will present again on their various regions.

A fifth video has been produced featuring another member of the SPC, Dave Frayne. This video explains the 'Drinking Water Protection Zone' signage delineating the wellhead protection zones and drinking water intake zones and was premiered to the SPC members. This video is scheduled to be released to social media platforms today after the meeting. Chair Pearson encouraged other SPC members to use this video platform for engagement, as well.

REPORT ON ROAD SALT STORAGE AND APPLICATION

Donna Clarkson provided a review of the policies for road salt storage and application. Road salt can cause serious contamination to drinking water, as well as damage to infrastructure, ecological functions, aquatic habitat and crops. Overall, there is an awareness by the public that road salt application can cause problems; however, businesses are often concerned with liability and are hesitant to reduce salt usage.

At present, there are no significant salt application and storage threats to drinking water in the Ausable Bayfield Maitland Valley (ABMV) Region. However, the proposed amendments to the Director's Technical Rules will result in significant threats for both. The proposed Rules change impervious surface area calculations where salt application would be a significant drinking water threat from 80 percent to 30 percent. The proposed change for salt storage changes the threshold

for a significant drinking water threat from 500 tonnes to 20 kg uncovered, or 100 kg covered. These changes will result in many Risk Management Plans (RMPs) to address the threats per current policies, so a policy review is recommended.

Some considerations for policy review include financial impacts, effectiveness and appropriateness of the policy. Staff have looked at other Regions who are already implementing salt policies for some direction. For example, as the threat circumstances to salt application do not include the amounts that are applied, the SPC may want to consider exempting residential driveways or very small parking lots, and instead use education and outreach tools to reach these property owners. Rowland Howe asked if the Province was considering liability to property owners. Olga Yudina reported that the MECP was working on ways to address impacts, such as alternate training, but that liability is a more difficult issue and there are ongoing discussions on this topic.

Staff provided two RMP policy options for discussion, based on other Source Protection Regions. The first notes that the salt application area must be greater or equal to 200 square meters or 8 parking spots, and exempts residential parking areas of four units or less. The second notes a salt application area threshold to be 500 square meters or less, also exempting residential parking areas of four units or less. In addition, a Salt Management Plan may be used by municipalities in lieu of a Risk Management Plan.

There was some discussion that the SPC should focus on the total impervious area where parking lots are co-joined rather than individual lots, however, different property owners would need separate Risk Management Plans. Overall, members thought that the policy should reflect a larger area threshold and focus on education and outreach for small lots.

MOTION #SPC: 2021-05-03

Moved by Bert Dykstra

Seconded by Philip Keightley

“That Policy R.A.C.8.1 – *Risk Management Plan for Existing and Future Road Salt Handling, Storage and Application* be replaced with separate policies for application and storage,

“Further, that Policy C.8.2 – *Best Management Practices for Existing and Future Road Salt Handling, Storage and Application (Moderate and Low Threat Policy)* be deleted,

“Further, that Option B: R.A.C.8.4, RMP Policy be approved with an SPC recommendation of a 1000 square meter target threshold for salt application on parking lots, and

“Further, that Policy R.A.C.8.5 Salt Management Plan be approved.”

Carried.

Rowland Howe left the meeting at 10:33.

PROGRAM UPDATE

Mary Lynn MacDonald, Co-Program Supervisor, provided a program update for SPC members. Information from her update is as follows:

2021-2022 Drinking Water Source Protection Work plan and Budget

The MECF has not yet sent through the final Transfer Payment Agreement for signature.

Phase II Director's Technical Rules Change

Approval for the Phase II Director's Technical Rules Changes is still anticipated in spring or summer 2021.

Annual Implementation Report

The Ausable Bayfield Source Protection Authority approved the Fourth Annual Implementation Report reviewed by the Source Protection Committee and it was submitted to the Province by May 1, 2021.

Huron County Road Supervisors Association

Staff presented to the Huron County Road Supervisors Association on April 14, 2021. This presentation focused on the anticipated changes to the Directors Technical Rules for salt and snow.

Water Wednesday Social Media Campaign

The ABMV SP Region has joined Conservation Ontario on a public information social media campaign focusing on protecting municipal drinking water sources. The posts began on May 12 and will run through most of the summer.

Section 36 SPP AMENDMENT - WORKPLAN

Donna Clarkson presented a progress report on the proposed Section 36 Source Protection Plan amendments. Amendments are required under Section 36 of the Clean Water Act, and with the changes to the Directors Technical Rules to be released soon, it seems wise to incorporate those changes, as well. For the Source Protection Plans there will be significant policy revisions. Triplicate policies (repeated for each of three land uses) will be removed, and new threat policy tables will be added for ease of use.

Assessment Reports will also be amended at this time. Included in these amendments will be the results of the Tier III Water Budget for Maitland Valley in Chapter 3, and updating Chapter 4 on Threats and Vulnerable Areas. Finally, in Chapter 8, the threats table will either be updated or removed completely (with reference to Chapter 4). Maps in both the Assessment Reports and Source Protection Plans will also be revised, as will the Explanatory Document.

To this end, staff are still working on a number of items identified through the S.36 review. A number of changes will also need to wait until the release of the Phase II Directors Technical

Rules. If the Director's Technical Rules are approved by July 1st, 2021, staff aim to have final amendments made and submitted by the end of March 2022.

MOTION #SPC: 2021-05-04

**Moved by Jennette Walker
Seconded by Alyssa Keller**

“That Report 10 regarding the workplan for SPP amendment be received for information, and

“Further, that staff be directed to continue with the revisions as outlined in the report.”

Carried.

REPORT ON OMAFRA PRESCRIBED INSTRUMENT REPORTING

Mary Lynn MacDonald presented a report and draft policy requiring OMAFRA to report on prescribed instruments. It was noted in the S.36 Source Protection Plan Review that there is no policy requiring the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) to review and report on Nutrient Management Strategies and Non-Agricultural Source Material (NASM) Plans, which are Prescribed Instruments under the Nutrient Management Act. Approvals of these plans and strategies in areas where ASM or NASM is a significant threat to drinking water need to comply with Source Protection Plan policies. A draft Policy A.C.9.10 was provided for Committee consideration.

MOTION #SPC: 2021-05-05

**Moved by Mary Ellen
Seconded by Philip Keightley**

“That the SPC approves in draft format Policy A.C.9.10 Prescribed Instruments Regulated under the Nutrient Management Act, Existing and Future.

Carried.

POLICY REVIEW: EFFECTIVE DATE AND TRANSITION POLICIES

Staff presented a report to review the Effective Date policies in the Source Protection Plans (SPP) and acquire SPC direction regarding policy revision. There are several policies in Source Protection Plans (SPPs) that refer to the effective date of the policy as being the date that the SPP comes into effect. Staff would like to revise these policies to clarify that the implementation timelines for new threats and wellhead protection areas is based on the effective date of the most recent SPP amendment. Proposed revisions to policies P.12.2, P.12.3, P.12.4, P.12.5, P.12.6 and P.12.13 were included in the report.

MOTION #SPC: 2021-05-06

Moved by Dave Frayne

Seconded by Bert Dykstra

“That the SPC approved the proposed revisions to the Effective Date and Transition policies, and

“Further, that staff be directed to incorporate the revised policy text as part of the forthcoming amendment to the Source Protection Plan, under Section 36 of the Clean Water Act.”

Carried.

LIAISON UPDATES

Olga Yudina, MECP Liaison Officer, provided a brief update to the committee. She noted that there has been a change of leadership at the MECP Conservation and Source Protection Branch. Keley Katona has moved to Municipal Affairs and Housing, and Susan Ecklestone has stepped in as interim Director as of April 1, 2021. She also reported that Phase I Regulations for the Conservation Authorities Act amendments, which includes Source Protection Authorities, have been posted to the Environmental Registry of Ontario (ERO)for public comment. Finally, the Directors Technical Rules are still being finalized.

Phil Beard, liaison for Maitland Valley Conservation Authority, also made note of the comment period for the Phase I Regulations of the Conservation Authorities Act amendment. He made particular note that watershed stewardship activities are not considered a mandatory service.

Abigail Gutteridge, on behalf of Brian Horner, liaison for Ausable Bayfield Conservation Authority, also noted the ERO posting and that the ABCA Board of Directors would be submitting comments.

NEXT MEETING

The next meeting is scheduled for Wednesday, July 28, 2021, but may be deferred until September if the Directors Technical Rules are not approved prior to July 1st.

ADJOURNMENT

The meeting was adjourned at 11:19 a.m.

Matt Pearson
Chair

Abigail Gutteridge
Recording Secretary

Ausable Bayfield Water Response Team



Date: June 3, 2021

Time: 10:35 a.m.

Location : ABCA Administration Centre - VIA VIDEO CONFERENCE

In attendance: Mark Srokosz Thedford-Grand Bend Vegetable Growers
Adrian Cornelissen Municipality of North Middlesex
Doug Cook Municipality of Lambton Shores/Warwick
Ray Chartrand Municipality of Huron East
Dan Ward Ministry of Agriculture, Food & Rural Affairs
Davin Heinbuck Ausable Bayfield Conservation Authority
Abigail Gutteridge Ausable Bayfield Conservation Authority
Brian Horner Ausable Bayfield Conservation Authority

Absent: Patrick Brennan National Golf Course Owners Association
Murray Workman Huron County Federation of Agriculture
(Vacant) Ontario Greenhouse Vegetable Growers
Bentley Ehgoetz Ontario Stone, Sand & Gravel Assoc.
Tony Jackson Ont Federation of Anglers & Hunters
Jamie Wedgwood Ministry of Natural Resources & Forestry
Alison Munro Ministry of Environment & Climate Change

CALL TO ORDER

Chair Doug Cook, called the meeting to order at 10:35 a.m. and welcomed those attending via Zoom.

ADOPTION OF MINUTES

The minutes of the Water Response Team meeting held on July 9, 2019 were reviewed.

BUSINESS OUT OF THE MINUTES

Abigail Gutteridge, WRT Secretary, advised that there have been some membership changes. Jamie Wedgwood, representative for Ministry of Natural Resources & Forestry, is on parental leave for the next year and Julian D'Ambrosio will be the interim representative. Additionally, Judith Parker retired in 2020, and Abigail Gutteridge has replaced her as secretary for the Water Response Team.

Roles & Responsibilities for WRT members

Davin Heinbuck, Water Resources Coordinator, presented an overview of the Ontario Low Water Response Program and how the various sectors were represented as water users. He noted that there are three main areas for water taking in our watershed: Hay Swamp, Thedford (Klondyke Marsh), and Nairn Creek. An explanation of the precipitation and streamflow indicators was given and how the Level 1, 2 and 3 low water advisories are determined.

Current Watershed Conditions

Davin Heinbuck, Water Resources Coordinator, gave a presentation on the current watershed conditions. The gauges that are used for compiling precipitation and stream flow data are at Springbank in the southern portion of the watershed, Exeter and Varna for the Bayfield River.

Precipitation and stream flow graphs were presented with indicators showing below normal levels at this time. Precipitation for May showed Springbank at 44% of normal; Exeter at 33% and Varna at 44%. The stream flow comparisons are based on the lowest average summer month flows and Springbank gauge was 101%; Exeter at 100% and Varna at 120% for May. This means that we are currently seeing flows that are typical of late summer. As such, staff recommend that we enter a Level 1 Low Water Advisory.

The Great Lakes Water Levels

Davin Heinbuck, Water Resources Coordinator, provided an update on lake levels in Lake Huron, which has been a topic of interest over the past few years. Rising lake levels over the past several years caused Lake Huron to reach some record monthly highs in 2020. However, water levels have been dropping this spring. Current trends point to levels for the remainder of 2021 to fall between the average and high levels.

MNRF Weather Outlook

Davin Heinbuck introduced Jerry Shields, MNRF-Sault Ste. Marie Aviation, Forest Fire and Emergency Services, who prepared a video presentation on the upcoming precipitation and temperature predictions. Historic weather patterns are used to determine trends that provide a weather outlook across the province for the upcoming seasons. May temperatures were relatively seasonal, with drier than normal conditions. June saw warmer than normal temperatures in the first week, but then cooled in the second. The remainder of the month had more normal, early summer temperatures, but precipitation continued to be less than normal, and resulted in drought-like conditions. These conditions are most likely a result of the North Atlantic Oscillation. Trends show that July and August will continue to be warmer than normal and drier too, with some anomalies. By September, it is predicted that temperatures will cool slightly, and precipitation levels will return to a more normal level. Early outlooks for the fall show that the area might continue to see warmer temperatures and drier conditions.

NEW BUSINESS

None.

NEXT MEETING

Staff will continue to send out a monthly email to the WRT members summarizing watershed conditions using precipitation and stream flow indicators. If there is a need to meet, it will be at the call of the Chair.

ADJOURNMENT

The meeting was adjourned at 11:35 a.m.

Doug Cook
Chair

Abigail Gutteridge
Secretary