



BOARD OF DIRECTORS

Thursday, September 21, 2023

Ausable Bayfield Conservation Authority Administration Centre
Morrison Dam Conservation Area

10:00 a.m.

AGENDA

1. Chair's Welcome and Call to Order
2. Land Acknowledgement Statement
3. Adoption of Agenda
4. Disclosure of Pecuniary Interest
5. Disclosure of intention to record this meeting by video and/or audio device
6. Approval of Minutes from July 20, 2023
7. Business Out of the Minutes

8. **Program Reports**
 - Report 1: (a) Development Review (O Reg147/06) – Daniel King
(b) Violations/Appeals Update – Geoff Cade/Daniel King
 - Report 2: CA Act Update – Kate Monk /Brian Horner
 - Report 3: Stewardship Update – Ian Jean/Angela Van Niekerk
 - Report 4: Parkhill Conservation Area Recreational Trails Concept – Nathan Schoelier
 - Report 5: Canoe and Kayak Launch at Morrison Dam CA – Nathan Schoelier
 - Report 6: Healthy Watersheds Update – Hope Brock

9. **Committee Reports**
 - Source Protection Committee – Mary Lynn MacDonald

10. **Correspondence**
11. New Business
12. **Committee of the Whole** – *personnel matter*
13. Adjournment

Source Protection Authority Meeting to follow.

Upcoming Meetings and Events

September 28, 2023	Special Hearing at 10:00 a.m.
October 12, 2023	Budget Committee Meeting at 9:30 a.m.
October 19, 2023	Board of Directors Meeting at 10:00 a.m.

BOARD OF DIRECTORS MEETING

Thursday, July 20, 2023

Ausable Bayfield Conservation Authority Boardroom
Morrison Dam Conservation Area

DIRECTORS PRESENT

Ray Chartrand, Adrian Cornelissen, Steve Herold, Jaden Hodgins, Dave Jewitt, Greg Lamport, Dave Marsh, Wayne Shipley, Marissa Vaughan

STAFF PRESENT

Andrew Bicknell, Geoff Cade, Tina Crown, Tim Cumming, Abbie Gutteridge, Brian Horner, Daniel King, Tracey McPherson, Nathan Schoelier, Meghan Tydd-Hrynyk

CALL TO ORDER

Chair Marissa Vaughan called the meeting to order at 10:03 a.m., welcomed everyone in attendance, and read the Land Acknowledgement Statement.

ADOPTION OF AGENDA

MOTION #BD 67/23

**Moved Ray Chartrand
Seconded by Jaden Hodgins**

“RESOLVED, THAT the agenda for the July 20, 2023 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

Tim Cumming, Communications Specialist, noted that he intended to record the report of the Watershed Management Strategy Update for promotional purposes.

ADOPTION OF MINUTES

MOTION #BD 68/23

**Moved by Wayne Shipley
Seconded by Adrian Cornelissen**

“RESOLVED, THAT the minutes of the Board of Directors meeting held on June 15, 2023 be adopted.”

Carried.

BUSINESS OUT OF THE MINUTES

None

PROGRAM REPORTS

1. (a) Development Review

Daniel King, Regulations Coordinator, 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 4 *Applications for Permission* and 16 *Minor Works Applications*.

(b) Violations/Appeals Update

Geoff Cade, Water and Planning Manager, noted that there were no updates on current violations.

MOTION #BD 69/23

**Moved by Steve Herold
Seconded by Dave Jewitt**

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

Carried.

Andrew Bicknell left the meeting at 10:15 a.m.

2. Conservation Authorities Act and Watershed Management Strategy Update

Kate Monk, Projects Coordinator, reported on the progress of the Watershed-Based Resource Management Strategy, which is a requirement of the *Conservation Authorities Act*. This overarching document will update past watershed strategies and integrate new information to guide and direct the ABCA within a rural lens. The ABCA mission and vision were developed through the development of the Conservation Strategy and will remain the same.

Four strategic priorities are laid out in the document including: protecting life and minimizing property damage during flooding and erosion; improving the health of the watersheds; managing land holdings in a responsible and sustainable way; and protecting sources of drinking water for current and future generations. In addition, it establishes ten guiding principles to provide context for the objectives and to inform the delivery of ABCA program and services. Objectives are also laid out to help the ABCA achieve its mandate and provide the context for programs and services. Both the guiding principles and objectives can be found in the attached report.

MOTION #BD 70/23

**Moved by Dave Jewitt
Seconded by Ray Chartrand**

“RESOLVED, THAT the report on the Watershed-Based Resource Management Strategy Update be received as presented, and

“FURTHER, THAT the draft ABCA vision, mission, strategic priorities, guiding principles and objectives be approved for circulation for public consultation.”

Carried.

Brian Horner, General Manager and Secretary-Treasurer, provided a brief update on the Conservation Authorities Act. To date, six of twelve Cost Apportioning Agreements with Member Municipalities have been signed, and five more are going to council later in the summer. At present, the Municipality of Bluewater has decided not to sign at present. Brian asked Greg Lamport to provide an update regarding this decision. Greg noted that some of the reluctance to sign is on account of current budgeting cuts within the Municipality, as well as some misunderstanding regarding ABCA reserve funds. The Council elected to not approve the Cost Apportioning Agreement at present and requested further information for clarification. Greg reported that he has had several conversations with ABCA staff and will take more information back to the Bluewater Council.

Tim Cumming and Meghan Tydd-Hrynyk left the meeting at 10:40 a.m.

3. Profit and Loss Statement

Brian Horner provided the profit and loss statement to June 30, 2023, including a projection for the remaining six months of 2023. Of note, there is \$100,000 in accessibility funding that will need to be used in the next year and a half.

MOTION #BD 71/23

**Moved by Dave Marsh
Seconded by Ray Chartrand**

“RESOLVED, THAT 2nd Quarter Profit and Loss Statement for the period ending June 30, 2023 be received as presented.”

Carried.

4. Five-Year Forecast

Brian Horner presented the proposed five-year forecast for 2024-2028, using a wage increase of 2.5 per cent. The overall increase for the Operating Levy – Category 1 is 4.20 per cent, and 9.69 for the Operating Levy – Category 3.

MOTION #BD 72/23**Moved by Wayne Shipley
Seconded by Jaden Hodgins**

“RESOLVED, THAT the Five-Year Forecast be received for information as presented.

Carried.

5. Clinton Conservation Area Disc Golf Course

The Disc Golf Course was created in 2016 by the Lions Club at the Clinton Conservation Area, which the Lions Club managed for several years. It was approved by the ABCA Board of Directors with conditions, one of which included a provision for if the Lions Club Agreement with the ABCA to manage the property ceased to exist, the Club would have the option to remove the course or the equipment would become property of the ABCA, and the ABCA would have no obligation to maintain the course. When the Clinton Lions Club dissolved, the maintenance of the property returned to the ABCA and staff became aware of the challenges at the conservation area with respect to the course. There were several concerns with the safety of the course.

Kevin Farley, from Fluent Disc Sport, completed an assessment of the course in 2023, and on the scale of A to F, it scored an E. The assessment noted several safety issues. FDS provided ABCA with several recommendations, two of which were noted as preferred options. One was to reduce the size of the course, which would require a full redesign of the course, and the second was to expand the course into the natural areas for which further consultation would be required. Another option is to remove the course. Staff considered all recommendations, and considering safety concerns, the limited use that the course receives, and staff time required to manage the current course, the preferred course of action is to remove the course.

MOTION #BD 72/23**Moved by Ray Chartrand
Seconded by Greg Lampion**

“RESOLVED, THAT the Ausable Bayfield Conservation Authority Board of Directors approve the removal of the disc golf course at the Clinton Conservation Area.”

Carried.

PRESENTATION

Daniel King, Regulations Coordinator, Water Resources Coordinator presented to the Board regarding Managing Risk through the ABCA Planning and Regulations. The presentation focused on defining risk through vulnerability, hazards, and exposure, as well as how to manage risk through study, policies, and procedures.

MOTION #BD 73/23**Moved by Dave Jewitt
Seconded by Wayne Shipley**

“RESOLVED, THAT the presentation ABCA Hazard Land regulations – Managing the Risks be received for information as presented.”

Carried.

COMMITTEE REPORTS

None.

CORRESPONDANCE

- a) Reference: Thank you letter from Avon Maitland District School Board
File: A.5
Brief: A thank you note from Katie Padfield-Jackson to Mari, Nathan, Nina and ABCA Staff for hosting an outdoor education PA Day at Morrison Dam CA.

- b) Reference: Letters from Shadeview Cottage Owners
File: W.6.2.3
Brief: Two letters from Shadeview cottage owners, Paul Kellenberger and Michael Lauckner expressing concern over possible future repairs to the groyne located in Lake Huron in the Cedar Bank Subdivision.

NEW BUSINESS

- 1. Adrian Cornelissen asked how Tenet Security was working for the ABCA. Nathan noted that the need to use them ebbs and flows through the year, but in general they are working well.

- 2. Abbie Gutteridge reminded Board Directors about the watershed tour being planned for August 24, 2023.

COMMITTEE OF THE WHOLE

MOTION #BD 74/23

**Moved by Jaden Hodgins
Seconded by Dave Marsh**

“RESOLVED, THAT the Board of Directors go into Committee of the Whole at 12:08 p.m. to discuss a property matter with Nathan Schoelier, Brian Horner and Abbie Gutteridge remaining in attendance.”

Carried.

MOTION #BD 75/23

**Moved by Dave Jewitt
Seconded by Jaden Hodgins**

“RESOLVED, THAT the Committee of the Whole rise and report at 12:19 p.m.”

Carried.

MOTION #BD 76/23

**Moved by Wayne Shipley
Seconded by Adrian Cornelissen**

“RESOLVED, THAT the information on the property matter be received as presented.”

Carried.

ADJOURNMENT

The meeting was adjourned at 12:19 p.m.

Marissa Vaughan
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: September 21, 2023
From: Daniel King, Regulations Coordinator
Subject: Applications for Permission - Ontario Regulation 147/06 - *Development, Interference with Wetlands and Alteration to Shorelines and Watercourses*

The following *Applications for Permission* have been issued by staff since the last Board of Directors Meeting.

* A Coastal Assessment was required as part of the application

** Work commenced without a permit

Major Permits

- (1) PERMIT # 2022-23A (renewal)
NAME: Chris Schnarr
MUNICIPALITY: Bluewater (Hay)
PERMISSION TO: install steel shorewall and undertake lake bank improvements
COMPLETED APPLICATION RECEIVED ON DATE: June 24, 2023
PERMISSION GRANTED BY STAFF DATE: July 13, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 13
STAFF NAME: Andrew Bicknell

- (2) PERMIT # 2023-35
NAME: Municipality of South Huron
MUNICIPALITY: South Huron
PERMISSION TO: undertake Section 78 (Drainage Act) Drain Improvement
COMPLETED APPLICATION RECEIVED ON DATE: March 30, 2023
PERMISSION GRANTED BY STAFF DATE: July 4, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 65
STAFF NAME: Andrew Bicknell

- (3) PERMIT # 2023-37
NAME: Ivan and Adriana Vazan
MUNICIPALITY: Bluewater (Hay)
PERMISSION TO: Construct a new residence in an ABCA regulated area

COMPLETED APPLICATION RECEIVED ON DATE: July 7, 2023
PERMISSION GRANTED BY STAFF DATE: July 13, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 5
STAFF NAME: Andrew Bicknell

(4) PERMIT # 2023-36
NAME: Alison Calder
MUNICIPALITY: Lambton Shores (Bosanquet)
PERMISSION TO: Construct a new residence and accessory structure
COMPLETED APPLICATION RECEIVED ON DATE: June 27, 2023
PERMISSION GRANTED BY STAFF DATE: July 10, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 10
STAFF NAME: Andrew Bicknell

(5) PERMIT # 2023-39
NAME: John and Donna Stollery
MUNICIPALITY: Bluewater (Stanley)
PERMISSION TO: allow renovations to a residential building and construction of an addition
COMPLETED APPLICATION RECEIVED ON DATE: June 1, 2023
PERMISSION GRANTED BY STAFF DATE: July 21, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 35
STAFF NAME: Andrew Bicknell

(6) PERMIT # 2023-41
NAME: Aleksandra and Zygmunt Marzec
MUNICIPALITY: Lambton Shores (Bosanquet)
PERMISSION TO: renovate a residence and add an addition
COMPLETED APPLICATION RECEIVED ON DATE: July 28, 2023
PERMISSION GRANTED BY STAFF DATE: August 15, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 12
STAFF NAME: Andrew Bicknell

(7) PERMIT # 2023-43
NAME: Sarah & Kyle Nixon
MUNICIPALITY: South Huron (former Township of Stephen)
PERMISSION TO: replace a garage and associated works
COMPLETED APPLICATION RECEIVED ON DATE: July 27, 2023
PERMISSION GRANTED BY STAFF DATE: August 18, 2023

NUMBER OF BUSINESS DAYS TO REVIEW: 17
STAFF NAME: Meghan Tydd-Hrynyk

(8) PERMIT # 2023-42
NAME: Dane Harwood
MUNICIPALITY: Bluewater (former Township of Stanley)
PERMISSION TO: repair foundation, replace roofline and associated works
COMPLETED APPLICATION RECEIVED ON DATE: July 06, 2023
PERMISSION GRANTED BY STAFF DATE: August 10, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 32
STAFF NAME: Meghan Tydd-Hrynyk

(9) PERMIT # 2023-44
NAME: Karen von Hahn c/o Terry Heard
MUNICIPALITY: Central Huron (former Town of Goderich)
PERMISSION TO: construct a new residence, septic system and associated works
COMPLETED APPLICATION RECEIVED ON DATE: July 21, 2023
PERMISSION GRANTED BY STAFF DATE: August 22, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 21
STAFF NAME: Daniel King

(10) PERMIT # 2023-45
NAME: Sheila Webster c/o Paul Pittao
MUNICIPALITY: Bluewater (former Village of Bayfield)
PERMISSION TO: reconstruct a house and associated works
COMPLETED APPLICATION RECEIVED ON DATE: August 3, 2023
PERMISSION GRANTED BY STAFF DATE: August 24, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 16
STAFF NAME: Meghan Tydd-Hrynyk

(11) PERMIT # 2023-48
NAME: Municipality of Middlesex Centre c/o GM BluePlan Engineering Ltd.
MUNICIPALITY: Middlesex Centre (former Township of East Williams)
PERMISSION TO: replace a culvert structure and associated works
COMPLETED APPLICATION RECEIVED ON DATE: August 17, 2023
PERMISSION GRANTED BY STAFF DATE: August 31, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 10
STAFF NAME: Daniel King

(12) PERMIT # 2023-50

NAME: Tom Geliffe c/o Zocco Industries Ltd.

MUNICIPALITY: Bluewater (former Township of Stanly)

PERMISSION TO: reconstruct a house, septic system and associated works

COMPLETED APPLICATION RECEIVED ON DATE: September 1, 2023

PERMISSION GRANTED BY STAFF DATE: September 6, 2023

NUMBER OF BUSINESS DAYS TO REVIEW: 2

STAFF NAME: Daniel King

Minor Permits

- (1) PERMIT # MW2023-56
NAME: Joseph & Michelle Bonk
MUNICIPALITY: Bluewater (former Township of Stanley)
PERMISSION TO: replace an existing dwelling
COMPLETED APPLICATION RECEIVED ON DATE: August 4, 2023
PERMISSION GRANTED BY STAFF DATE: August 16, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 8
STAFF NAME: Daniel King
- (2) PERMIT # MW2023-60
NAME: Wildwood by the River
MUNICIPALITY: Bluewater (former Township of Stanley)
PERMISSION TO: construct a catch basin and associated drainage works
COMPLETED APPLICATION RECEIVED ON DATE: August 16, 2023
PERMISSION GRANTED BY STAFF DATE: August 30, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 11
STAFF NAME: Meghan Tydd-Hrynyk
- (3) PERMIT # MW2023-46
NAME: Paul Barker
MUNICIPALITY: Adelaide
PERMISSION TO: allow wetland creation / enhancement related works
COMPLETED APPLICATION RECEIVED ON DATE: July 9, 2023
PERMISSION GRANTED BY STAFF DATE: July 13, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 4
STAFF NAME: Andrew Bicknell
- (4) PERMIT # MW2023-47
NAME: Wilma Van Erp
MUNICIPALITY: Adelaide – Metcalfe (Adelaide)
PERMISSION TO: allow wetland creation / enhancement
COMPLETED APPLICATION RECEIVED ON DATE: July 13, 2023
PERMISSION GRANTED BY STAFF DATE: July 18, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 5
STAFF NAME: Andrew Bicknell

- (5) PERMIT # MW2023-49
NAME: Colin Wielinga , Easy Building Products
MUNICIPALITY: Bluewater (Hay)
PERMISSION TO: allow installation of drainage infrastructure and earthworks
COMPLETED APPLICATION RECEIVED ON DATE: July 18, 2023
PERMISSION GRANTED BY STAFF DATE: July 19, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 1
STAFF NAME: Andrew Bicknell
- (6) PERMIT # MW2023-52
NAME: Enbridge Gas Inc.
MUNICIPALITY: North Middlesex (McGillivray)
PERMISSION TO: install underground gas utility
COMPLETED APPLICATION RECEIVED ON DATE: June 22, 2023
PERMISSION GRANTED BY STAFF DATE: August 10, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 41
STAFF NAME: Andrew Bicknell
- (7) PERMIT # MW2023-53
NAME: Alex Da Costa, Southbridge Care Homes
MUNICIPALITY: South Huron (Stephen)
PERMISSION TO: undertake development
COMPLETED APPLICATION RECEIVED ON DATE: August 3, 2023
PERMISSION GRANTED BY STAFF DATE: August 15, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 8
STAFF NAME: Andrew Bicknell
- (8) PERMIT # MW2023-55
NAME: Mels and Ruthanne Van der Laan
MUNICIPALITY: Middlesex Centre (LOBO)
PERMISSION TO: create a wetland feature
COMPLETED APPLICATION RECEIVED ON DATE: July 10, 2023
PERMISSION GRANTED BY STAFF DATE: August 16, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 26
STAFF NAME: Andrew Bicknell

- (9) PERMIT # MW2023-57
NAME: Chris Hawyard
MUNICIPALITY: Huron East (former township of Tuckersmith)
PERMISSION TO: construct a deck
COMPLETED APPLICATION RECEIVED ON DATE: August 21, 2023
PERMISSION GRANTED BY STAFF DATE: August 25, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 4
STAFF NAME: Daniel King
- (10) PERMIT # MW2023-58
NAME: Donald Gray
MUNICIPALITY: North Middlesex (Parkhill)
PERMISSION TO: construct a detached accessory building
COMPLETED APPLICATION RECEIVED ON DATE: August 23, 2023
PERMISSION GRANTED BY STAFF DATE: August 30 , 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 7
STAFF NAME: Andrew Bicknell
- (11) PERMIT # MW2023-59
NAME: Steve Watson
MUNICIPALITY: Lambton Shores (Grand Bend)
PERMISSION TO: undertake maintenance of existing dock facilities
COMPLETED APPLICATION RECEIVED ON DATE: July 26, 2023
PERMISSION GRANTED BY STAFF DATE: August 30, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 24
STAFF NAME: Andrew Bicknell
- (12) PERMIT # MW2023-61
NAME: Mike Wiley
MUNICIPALITY: Bluewater (former Township of Stanley)
PERMISSION TO: construct a covered deck and associated works
COMPLETED APPLICATION RECEIVED ON DATE: August 12, 2023
PERMISSION GRANTED BY STAFF DATE: August 30, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 13
STAFF NAME: Meghan Tydd-Hrynyk

- (13) PERMIT # MW2023-62
NAME: Paul Bunyan Campground c/o Brad Boere
MUNICIPALITY: Bluewater (former Township of Stanley)
PERMISSION TO: construct a deck and associated works
COMPLETED APPLICATION RECEIVED ON DATE: July 24, 2023
PERMISSION GRANTED BY STAFF DATE: August 30, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 28
STAFF NAME: Meghan Tydd-Hrynyk
- (14) PERMIT # MW2023-63
NAME: Bob Cameron
MUNICIPALITY: Central Huron (former Town of Goderich)
PERMISSION TO: repair a foundation and make interior alterations to an existing residence
COMPLETED APPLICATION RECEIVED ON DATE: September 1, 2023
PERMISSION GRANTED BY STAFF DATE: September 11, 2023
NUMBER OF BUSINESS DAYS TO REVIEW: 5
STAFF NAME: Daniel King

ABCA Program Report

To: Board of Directors
Date: September 21, 2023
From: Brian Horner, General Manager/Secretary Treasurer
Kate Monk, Projects Coordinator
Subject: Conservation Authorities Act Update - Progress Report

This is a progress report on the implementation of the Conservation Authorities Act and associated regulations, for information purposes. Additional information may be available at the board meeting.

Municipalities are entering into Cost Apportioning Agreement (CAA) for the Category 3 programs and services: watershed strategies and projects, stewardship and restoration, education and outreach, and environmental monitoring and research.

Adelaide Metcalfe, Bluewater, Central Huron, Huron East, Lambton Shores, Lucan Biddulph, Middlesex Centre, North Middlesex, and West Perth have all signed the CAA. South Huron is scheduled to pass the bylaw in early October to sign the agreement. Warwick has not made a decision at this time (September 11, 2023).

Perth South will not be entering into the Cost Apportioning Agreement. Its 2023 MVCA Apportionment percentage is 0.2 percent (\$411 in 2023).

[Ontario Regulation 402/22](#) *Budget and Apportionment* comes into effect with the 2024 budget process. The regulation includes the budgetary process for apportionment, draft budget, consultations, voting, notices to pay, and final budget.

Staff will submit the final progress report for the transition phase prior to the October 1 deadline.



TRANSITION PLANS AND AGREEMENTS FOR PROGRAMS AND SERVICES UNDER SECTION 21.1.2 OF THE CONSERVATION AUTHORITIES ACT

AUSABLE BAYFIELD CONSERVATION AUTHORITY

PROGRESS REPORT # 6

To: Ontario Ministry of Natural Resources and Forestry
From: Brian Horner, General Manager and Secretary Treasurer
Date: September 29, 2023

a. Comments or feedback submitted by a municipality referred to in clause 5 (1) (b) regarding the inventory:

No concerns have been raised regarding the Inventory of Current Programs and Services.

b. Summary of any changes that the authority has made to the inventory to address comments or other feedback referred to in clause (a), including the changed inventory and a clear description of the changes between the previous inventory and the changed inventory:

No changes have been made at this time.

c. Update on the progress of negotiations of cost apportioning agreements with the participating municipalities:

Nine of 12 municipalities have entered into the CAAs. One municipality will not be entering into the agreement. One municipality has not made a decision. One municipality has passed the motion at council but will not be passing the bylaw to sign the agreement until October.

d. Outline of any difficulties that the authority is experiencing that might affect the ability of the authority to conclude any cost apportioning agreements with one or more participating municipalities by the transition date:

The Township of Perth South will not be entering into a Cost Apportioning Agreement. It represents 0.20 % of the 2023 MVCA apportionment.

ABCA Program Report

To: Board of Directors
From: Angela Van Niekerk
Re: Canada Nature Fund Projects
Restoration and mitigation for Ausable River Species at Risk (SAR) in Ontario
Date: September 21, 2023

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 and Bayfield River for SAR freshwater mussels and fishes.

Fisheries and Oceans Canada (DFO) is providing \$325,000 in funding for the 2023-2024 project year. Stewardship activities will include working with watershed residents for up to seven wetland restorations; up to 17 tree planting sites; up to 1,200 acres of cover crops; and up to five sediment and nutrient reduction activities (fencing out livestock and WASCOS). 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 and Bayfield 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 property
Fragile Land Retirement	50%	\$5,000
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-3449	Glazirin/Barker	Adelaide, Adelaide-Metcalf Lot 19, Con 3 NER	Created a small wetland in floodplain of Middle Ausable watershed in summer 2023 for water storage, filtration and habitat.	\$2,000 Match with MECP
AB-3383	Mels & Ruthanne van der Laan	Middlesex Centre; Lobo Lot 4, Con 13	Retired 3 acres of sheep pasture, for trees and wetland. Created a 0.35 acre wetland in Middle Ausable watershed in summer 2023 for water storage during storm events, filtration and habitat.	\$3,000 Match with MECP, DUC, ALUS
AB-3381	Handyside	McGillivray, North Middlesex Lot 11, Con 2	Create a 0.3 acre wetland in floodplain of Upper Ausable watershed in fall 2023 for water storage during rain events, filtration and habitat.	\$4,500 Match with MECP, DUC, ALUS
AB-3047	Schoeley	North Middlesex, West Williams Lot 21, 22, 23 Con 9	Create a 0.5 acre wetland for water storage and capacity for tile water from erosion WASCoBs. Create wetland at edge of field in Lower Ausable watershed in fall 2023 as part of erosion control in field.	\$4,000 Match with DUC, ALUS, Province of Ontario
AB-3390	Armstrong	Bluewater, Stanley Lot 22, Con 12	Create a 0.4 acre wetland in floodplain in South Gullies watershed for water capacity, filtration and habitat in fall 2023.	\$4,000 Match with MECP, HCW, DUC
AB-3382	Alexander	Goderich, Central Huron Lot 2 Con Bayfield	Create a series of small wetlands in Main Bayfield watershed in fall 2023 to capture storm water and reduce erosion.	\$4,000 Match with HCW, MECP

Total Canada Nature Fund: \$21,500 of \$23,000 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-3047	Schoeley	North Middlesex, West Williams Lot 21, 22, 23 Con 9	Create a series of WASCoBs down five eroded gullies in agricultural field. Tie the one series of WASCoBs into the 0.5 acre wetland for water storage and capacity for tile water. This is located in the Lower Ausable watershed and is planned for fall 2023.	\$4,000 Match with MECP

Total Canada Nature Fund: \$4,000 of \$22,000 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
AB-3259	Brad Borland	Lot 14, Con 6, Usborne South Huron	Establish tree windbreak between cropped fields. 1000m length, cedar at 3m spacing is 330 trees. White Cedar, 2 ft tree size. ABCA to provide trees, planting and follow up herbicide. FALL 2023 Project.	\$4000 Approved match with Huron Clean Water Project
AB-3423	Steenbeek Dairy	Part Lot 20, Con BRN Stanley, Bluewater	Establish tree windbreak between cropped fields. 1420m length, White Spruce at 4.5m (15 ft) spacing is 310 trees. White Spruce, 2 ft tree size. ABCA to provide trees, planting and follow up herbicide. FALL 2023 Project.	\$4000 Approved match with Huron Clean Water Project
AB-3424	Chis Van Esbroeck	Lot 2, Con 1 LRS Tuckersmith, Huron East	Establish windbreaks between crop fields along north and south sides of the farm. 1550 m or 5100 ft distance. Norway Spruce at 4.5m (15 ft) spacing is 340 trees for 5100 ft. ABCA plant and spray spring 2024.	\$5000 Approved match with Huron Clean Water Project

AB-3426	Dave MacLeod	Lot 13, Con Range B, Stanley, Bluewater	0.50 acres block reforestation planting to adjacent swamp forest. 370 trees, mix of conifers and deciduous. ABCA to plant and spray spring 2024.	\$2000 Approved match with Huron Clean Water Project
AB-3429	Jeff Borland	Lot 14, Con NTR Usborne, South Huron	Windbreak between cropped fields. 480m / 1580 ft. White Cedar at 3m apart requires 160 trees. ABCA plant and spray spring 2024.	\$2260 Approved match with Huron Clean Water Project
AB-3430	Brad Borland	Lot 14, Con 6 Usborne, South Huron	Windbreak between cropped fields. 810m / 2650 ft. White Cedar at 3m apart requires 265 trees. ABCA plant and spray spring 2024.	\$3800 Approved match with Huron Clean Water Project
AB-3431	Elizabeth Borland	Lot 13, Con STR Usborne, South Huron	Windbreak between cropped fields. 1135m / 3725 ft. White Cedar at 3m apart requires 375 trees. ABCA plant and spray spring 2024.	\$5000 Approved match with Huron Clean Water Project
AB-3432	Jeff Borland	Part Lots C & D, Con 8 Usborne, South Huron	Windbreak between cropped fields. 975m / 3200 ft. White Cedar at 3m apart requires 325 trees. ABCA plant and spray spring 2024.	\$4600 Approved match with Huron Clean Water Project

Total Canada Nature Fund: \$30,660 of \$36,185 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
Summary to be provided at future meeting				

Total Canada Nature Fund: \$ of \$51,300 approved (Fisheries and Oceans Canada)

ABCA Program Report

To: Board of Directors
From: Ian Jean
Re: Nature Smart Climate Solutions
Date: September 21, 2023

Background

Ausable Bayfield CA is one of 18 conservation authorities delivering projects for Conservation Ontario's Nature Smart Climate Solutions Fund for Place-based Actions. Funding for the initiative comes from Environment and Climate Change Canada with administration provided by Conservation Ontario.

Projects take place on conservation authority-owned or managed lands as well as on private lands and will provide long-term agreements, ensuring lasting benefits. The Nature Smart Climate Solutions Fund is providing \$100,000 in funding for the 2023-2024 project year. \$30,000 is to support project delivery (ABCA staff time for landowner outreach and project coordination) and \$70,000 for project implementation.

Eligible Projects include wetland restoration, treed buffers and cover crops. Projects can take place anywhere within the Ausable Bayfield working area. Funding rate is 50% 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%	\$5,000
Wetland Restoration	50%	\$5,000
Cover Crops	\$15/acre	\$1,500
Project Delivery (ABCA)	-	\$30,000

Applications for funding: WETLAND RESTORATION

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

Nature Smart Climate Solutions				
File #	Name	Location	Details	Grant
AB-3353	Eddington	Bluewater, Hay Lot 22, Con LRW	Created a 0.8 acre wetland at edge of field in Gullies watershed to capture water runoff from field and stormwater events in May 2023. It will also help to filter water and provide habitat.	\$3,000 Match with MECP, HCW, DUC

AB-3196	Gokstorp	North Middlesex, McGillivray Lot 13, Con 7 ECR	Enhance a 1.3 acre floodplain and wetland area in Upper Parkhill watershed with swales and erosion control in fall 2023.	\$1,000 Match with OCEF
AB-3384	Triebner Tract phase 2	Blue Water, Hay Lot 5, Con 4	Created three more wetlands at Triebner Tract in Upper Ausable watershed in summer 2023 as part of plans for water storage, filtration and habitat.	\$1,000 Match with MECP, HCW, DUC
AB-3450	Dunlop	Lambton shores, Bosanquet Lot 21, Conc 9	Create one wetland in back edge of field of Mud Creek watershed in fall 2023 for stormwater storage, filtration and habitat.	\$6,000 Match with MECP
AB-3451	Johnson	North Middlesex, West Williams Lot 3, Con 7 S PT	Enhance a 0.3 acre wetland in Middle Ausable watershed to provide water storage, filtration and habitat in fall 2023.	\$2,000 Match with MECP

Total: \$13,000 of \$20,000 approved (Environment and Climate Change Canada)

Applications for funding: FRAGILE LAND RETIREMENT (Tree Planting)

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

Nature Smart Climate Solutions				
File #	Name	Location	Details	Grant
AB-3389	Ausable Bayfield CA	Linfield Management Area; Lot 15, Con 11 Stanley, Bluewater	Plant trees to enhance buffer area along lake Huron Gully. 50 trees, mix of oak, maple and other hardwoods. 2 ft conifer trees and 5 ft potted deciduous trees. ABCA to provide trees, planting and herbicide application. FALL 2023.	\$1000 Proposed match with Huron Clean Water Project
AB-3421	Greg Love	E PT Lot 7, CON S BDY, Stanley, Bluewater	Establish treed buffer and windbreak on farm. Windbreak: 130 Cedar. Buffer: 160 trees (spruce, pine, maple, oak, hickory). 2 ft conifer trees and 5 ft potted deciduous trees. ABCA to provide trees, planting and	\$4000 Proposed match with Huron Clean Water Project

			herbicide application. FALL 2023.	
AB-3422	Nathan Cann	Part Lot 26, Con 7 Usborne, South Huron	Establish treed buffer along watercourse. between cropped fields. 115m distance; two rows spruce at 5 m apart (50 trees). ABCA to provide trees, planting and follow up herbicide. FALL '23	\$875 Ausable Proposed match with Huron Clean Water Project
AB-3428	Municipality of Bluewater for Black Creek Drain	Pt Lots 16 and 17, Con 7 Hay, Bluewater	Establish treed buffer along Black Creek Drain. Drainage superintendent initiated planting project following cleanout in 2022. East side: plant 160 conifers (spruce/cedar) at 12 ft apart. West Side: plant 30 hardwoods at 60 ft apart to allow for future cleanout. ABCA plant spring 2024.	\$4000 Proposed match with Huron Clean Water Project
AB-	Krysti Lagerwerf	W Part Lot 37, Con NB McGillivray, North Middlesex	Establish buffer/windbreak between cropped fields. 525m distance; 115 trees at 4.5 m apart. White Pine, Norway Spruce, Larch, Hard Maple and Red Oak. ABCA to provide trees and plant trees. Landowner to mulch. FALL '23	\$1800 Proposed Match with Middlesex Stewardship Funding

Total: \$11,675 of \$35,000 approved (Environment and Climate Change Canada)

Applications for funding: COVER CROPS

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

Nature Smart Climate Solutions				
File #	Name	Location	Details	Grant
<i>Projects in progress will be summarized at future meeting.</i>				

Total: \$15,000 (Environment and Climate Change Canada)

ABCA – Program Report

To: Board of Directors
Date: September 21, 2023
From: Nathan Schoelier, Stewardship & Lands Manager
Subject: Parkhill Conservation Area Recreational Trails Concept

Background

Parkhill Conservation Area (PCA), owned and managed by Ausable Bayfield Conservation Authority (ABCA) is an 800-hectare conservation area, that encompasses the 104-hectare Parkhill Reservoir. In 1969, the former Ausable River Conservation Authority (ARCA) constructed Parkhill Dam and reservoir to help control flooding around Parkhill Creek between Parkhill and Lake Huron. In addition to the reservoir, the responsible management of the PCA lands provides benefits to the watershed, including downstream water conditions (i.e. mitigating flooding and erosion). These environmentally significant lands provide habitat for species-at-risk (SAR) plants, trees, and wildlife. Responsible land management is of the utmost importance, to the benefit the SAR, the watershed, and the community.

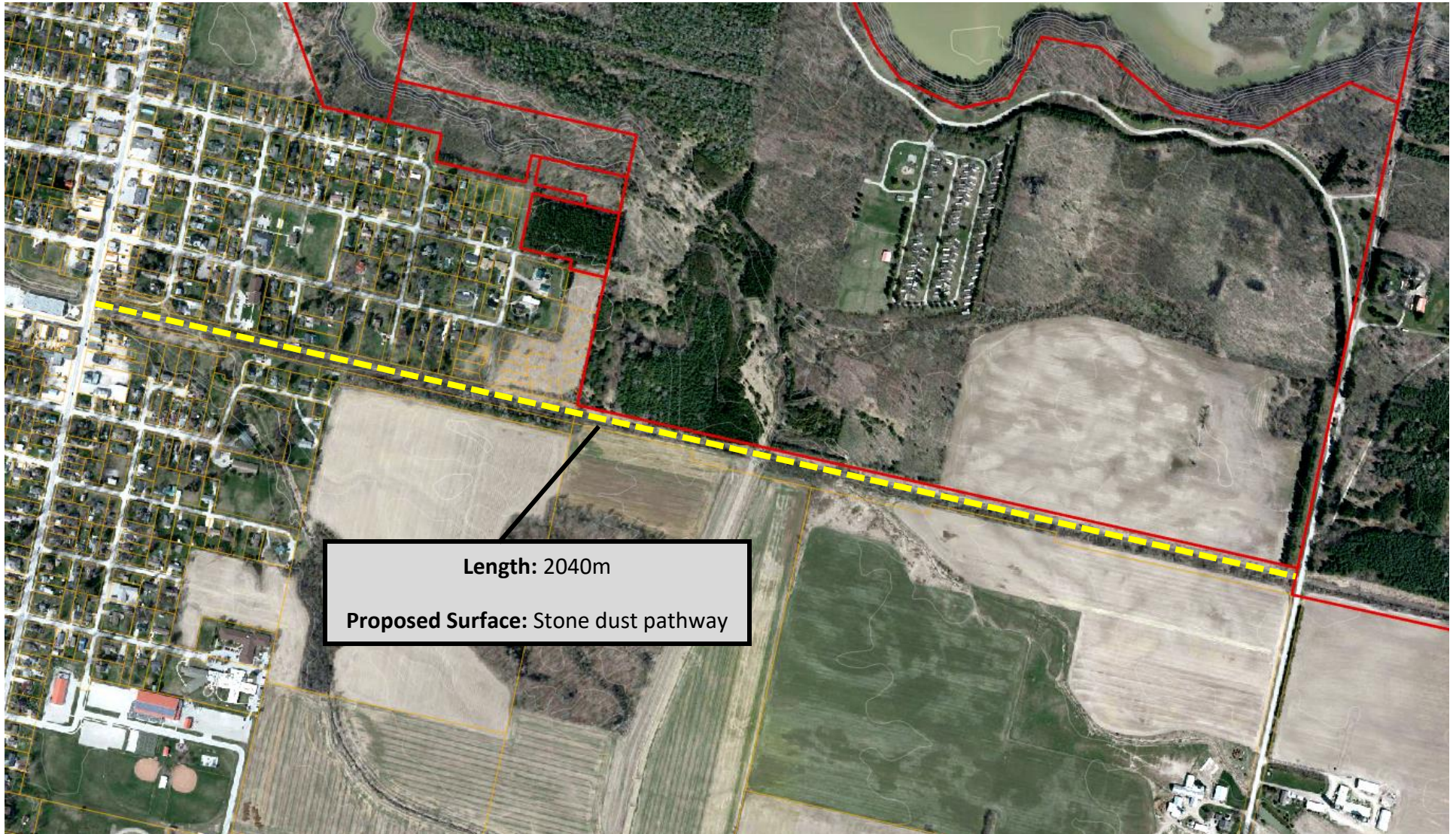
In recent years, the community of Parkhill has become more interested in revitalizing the hiking trails at PCA. At the March 2023, Board of Directors meeting, the Board approved the staff recommendation to collaborate with interested parties to revitalize the PCA recreational trails. Since then, the North Middlesex Trails volunteer group has worked with staff from ABCA, staff from the municipality, and consulted others, such as the local Ontario Federation of Snowmobile Clubs (OFSC) to develop a trails concept.

The North Middlesex Trails volunteer group is wishing to pursue this project further, and begin fundraising for its implementation. The Municipality of North Middlesex approved the proposed trails project at their August 16, 2023 Council meeting.

ABCA staff have had the opportunity to work with the committee, throughout the concept development process, and are satisfied that it meets the considerations that staff presented in the March 2023 Board of Directors meeting.

Parkhill to Parkhill CA Trail Concept

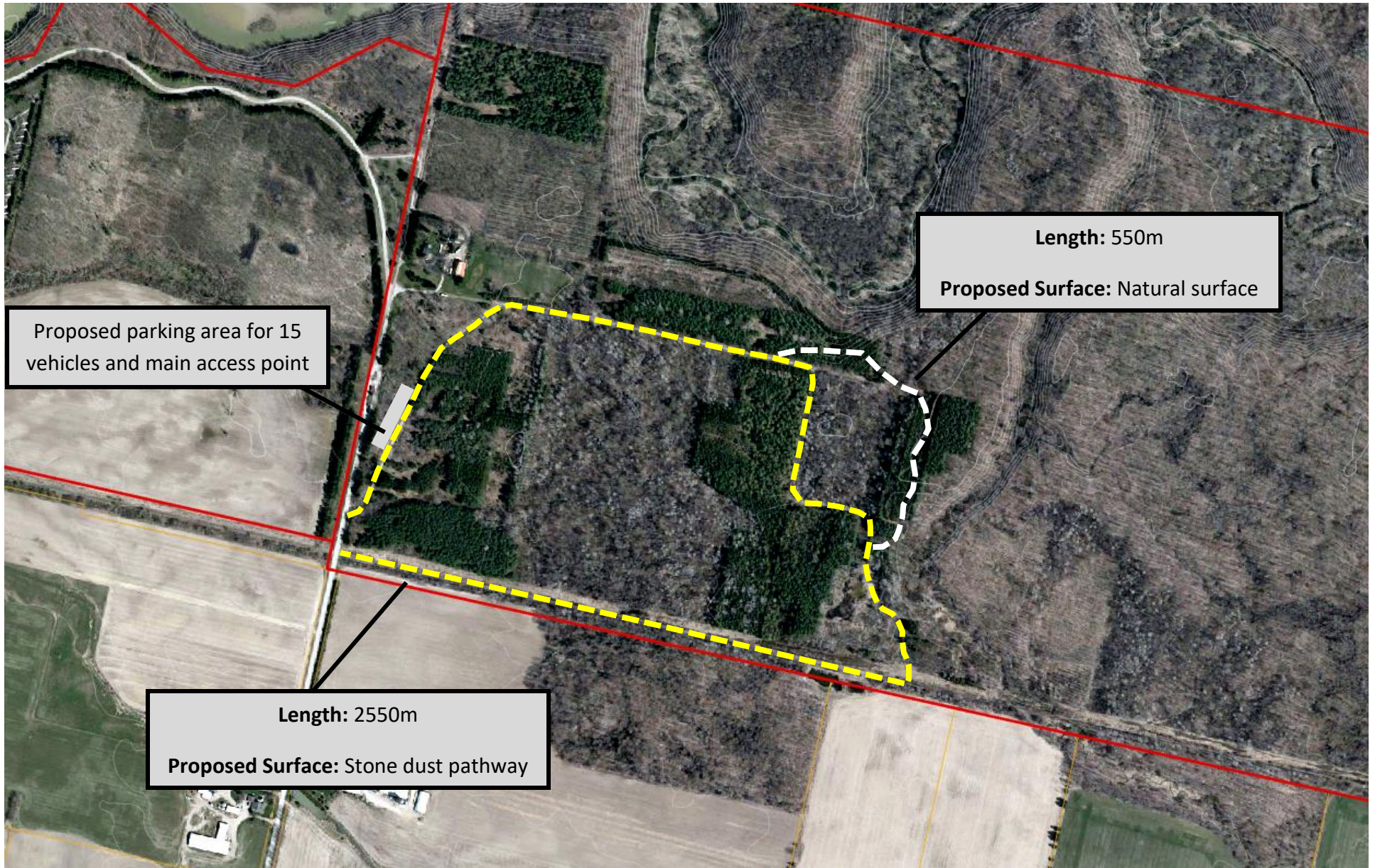
The former rail line still exists from west of Parkhill, to east of Parkhill Conservation Area. The rail line extends approximately 5km east of Springbank Rd., it does not extend to Ailsa Craig. This section focuses on the stretch of former rail line between Parkhill Main St. and Centre Rd.



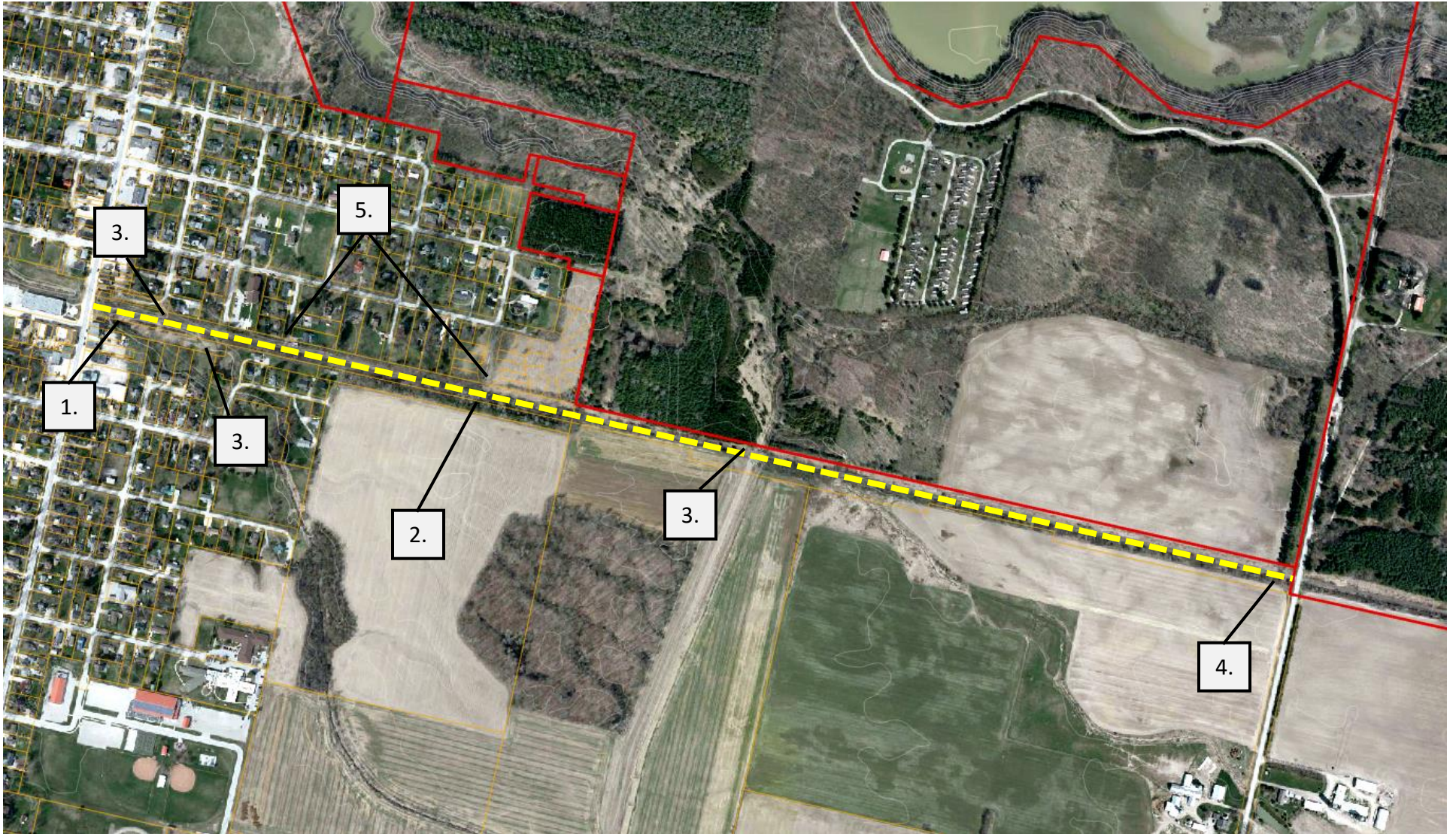
Potential community access points to this section of the trail include Parkhill Main St., Elk St., Eagle St., and Centre Rd.

Parkhill to Parkhill CA Trail Concept

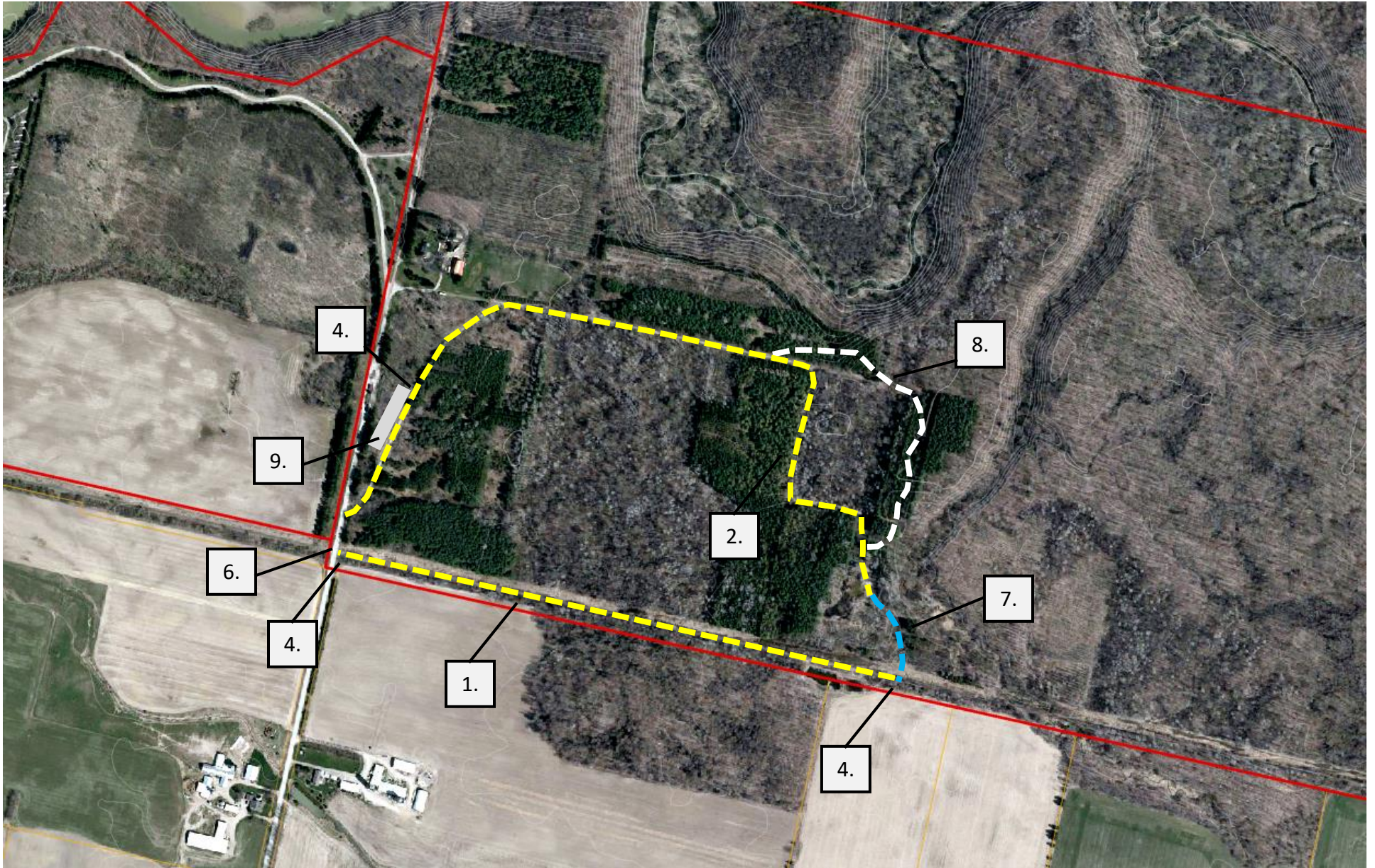
The Parkhill Conservation Area (PCA) is an 800-hectare conservation area, the CA is the result of efforts to control serious downstream flooding and erosion. PCA includes the reservoir and Parkhill Dam. This section focuses on an area along the former rail line, east of Centre Road.



Parkhill Main Street to Centre Road – Work Required



Parkhill Conservation Area – Work Required



Parkhill to Parkhill CA Trail Concept

Overview - Required Work

Identifier	Description	Estimate
1.	Minor grading of former rail line, and former laneway, to establish suitable base. Resurfacing by installing stone dust, approximately 3" deep.	\$70,000 - \$80,000
2.	Assess and remove dead and declining trees that may pose a hazard to trail users. The whole proposed trail will be addressed.	\$5,000 - \$7,500
3.	Limit access at unauthorized access points. These access points may require a combination of methods, including both barriers and signage. Hazard trees that are removed may be utilized as barriers.	\$5,000 - \$7,500
4.	Install removable bollards to permit seasonable passage by snowmobiles, as well as access for maintenance vehicles. Quantity required: 4	\$6,000
5.	Construct community trail access points. These access points would provide, safe, permitted access points while restricting unauthorized uses through signage and barriers.	\$10,000 - \$12,000
6.	Consult the public works department, and erect signage depicting that the trail crosses Centre Rd.	\$3000
7.	Construct a stone dust pathway, approximately 200m long, to connect the former laneway, to the former rail line. This trail will provide the connection required to create a loop.	\$7,500 - \$10,000
8.	Construct a 550m natural surface pathway.	\$2,000 - \$4,000
9.	Construct a parking lot to provide parking for 15 vehicles in a suitable location for a trail head.	\$10,000 - \$15,000

Total estimate for the proposed work: \$118,500 - \$145,000

Total length of trail: 5.14km

Recommendation

Recommended that the Ausable Bayfield Conservation Authority Board of Directors, approves the Parkhill Conservation Area trails concept.

And further that, the Ausable Bayfield Conservation Foundation be engaged to support the project.

ABCA – Information Report

To: Board of Directors
Date: September 21, 2023
From: Nathan Schoelier, Stewardship & Lands Manager
Subject: Canoe & Kayak Launch at MDCA

In August, staff were approached by Exeter resident, Susan Riddell, about installing a kayak launch at the Morrison Dam Conservation Area (MDCA). Upon learning that there was not funding available for the purchase of one, Susan Riddell enquired about fundraising for a kayak launch. Susan Riddell's goal was to fundraise, and have the launch installed prior to a kayak gathering on August 22nd, that she organized via social media.

MDCA has two docks, often used by the community for fishing, bird watching, and relaxing, but they present challenges for launching a canoe or kayak from. The nature of the waters edge at MDCA may also present challenges for launching a canoe or kayak. One of the existing docks at MDCA, is made by the company EZ Dock. The EZ Dock configuration accepts new dock sections, and features, onto existing platforms, which made it suitable to investigate installing a kayak launch at, opposed to the existing wooden dock. EZ Dock's local distributor, JS Marine, from Port Franks, was able to determine the necessary platform sections, appropriate launch, and all required hardware.

Shortly after receiving the information that described the required dock sections, launch, and hardware, Susan Riddell began fundraising for its purchase. She approached local service clubs, and businesses, who were supportive of the idea and very generous; she was successful in raising \$10, 500 for its purchase within one week.

The launch was installed prior to the kayak gathering on August 22nd, which hosted 107 people from throughout southwestern Ontario, on the Morrison Dam CA reservoir. This event also served as a fundraiser for Big Brothers Big Sisters of South Huron, raising funds for their initiatives.

Appended is a news release, prepared by Tim Cumming, ABCA's Communications Specialist. Several media outlets have covered this community success story.



Figure 1: Kayakers gather for an image, during the August 22nd kayak gathering. Photo provided by Susan Riddell.

FOR IMMEDIATE RELEASE

DATE OF ISSUE: September 7, 2023

Community raises \$10,500 for kayak launch at Morrison Dam Conservation Area

New floating kayak launch at Morrison Dam Conservation Area (MDCA) east of Exeter makes it easier, and safer, to get into, and out of, Morrison Reservoir (Morrison Lake); More than 100 women take part in women's sunset kayak night on August 22, 2023

Community members have raised \$10,500 for a new floating kayak launch at Morrison Dam Conservation Area (MDCA) east of Exeter. The kayak launch was possible thanks to a community-wide fundraising campaign led by Exeter resident Susan Riddell.

The kayak launch allows kayakers to safely enter and exit Morrison Reservoir (Morrison Lake).

Nathan Schoelier is Stewardship and Lands Manager with Ausable Bayfield Conservation Authority (ABCA). He said the new kayak launch, installed at the conservation area, is thanks to the initiative and dedication of the organizers and the community. "This is an amazing example of community leadership and effort," he said. "This simply would not have been possible without the hard work of the organizers and without the support of the community." The kayak launch offers a way for people to experience nature and gain a new appreciation for nature in their own backyard, he said.

Exeter's Susan Riddell said it was worth all the effort to see the smiles on the faces of people using the new kayak launch. She said kayaking is a wonderful way to enjoy nature. "Kayaking in nature is good for physical health and for mental health," she said.

She thanked all the people in the community who supported the cause, including kayakers, local donors, businesses, and service organizations.

The kayak launch fundraising campaign would like to acknowledge the following donors: C. J. Exeter Inc. (Crabby Joe's); South Huron Optimist Club; Ondrejicka Elevators Limited; Harry and Margaret Knip; Syfilco Ltd.; Hansen's Your Independent Grocer – Exeter; Frayne's Exeter Toyota; Huron Tractor; Huron Motor Products; Matt Den Hollander – Experience Camping RV Sales; and Jayden's Mechanical – Jayden Desjardine.

Susan Riddell and Brianne Webber hosted a women's sunset kayak night, on Morrison Reservoir, on August 22, 2023. More than 100 kayakers took part in the event to celebrate the installation of the kayak launch. The kayak night raised \$1,600 for Big Brothers Big Sisters of South Huron, thanks to the raffle of a new kayak, which was donated by Canadian Tire – Exeter.

– 30 –

CONTACT: Nathan Schoelier, Stewardship and Lands Manager, Ausable Bayfield Conservation Authority (ABCA), e-mail nschoelier@abca.ca or phone 519-235-2610 or 1-888-286-2610, extension 263.

ABCA Program Report

To: Board of Directors
Date: September 21, 2023
From: Hope Brock and Mari Veliz
Subject: Healthy Watersheds Update

The main objectives of the Healthy Watersheds Program at Ausable Bayfield are to engage the communities in environmental improvements and monitoring. With community support, the Healthy Watersheds Team can leverage other funds for stewardship on private lands and monitoring the efficacy of existing programs.

This report provides an update on the Healthy Watersheds Department activities:

- 1) Monitoring and
- 2) Community Outreach

Monitoring

Along with the ongoing sampling for the Provincial Water Quality Monitoring and local beach sampling, ABCA Biologists are focusing on the Bayfield River this year. As per our existing agreement with the Canada Nature Fund, Kari Jean has been leading summer students, some staff and community volunteers in searching for freshwater mussels. While the Bayfield River, does not have the species richness nor abundance, that the Ausable River has in mussels, the community is grateful to have Kari and her crew assessing the biological conditions. [The Bayfield Breeze: ISSUE 735](#) Kari looks forward to sharing the information with the Board when she is not in the field.

Community Outreach

Close to 600 people attended the Turtle Hatchling Release at Morrison Dam Conservation Area on August 31. The ABCA is grateful to co-organizers, the Huron Stewardship Council for obtaining the required permit to incubate turtle eggs. The eggs are gathered from areas where nests are at risk of being destroyed and the hatchlings released into surrounding natural areas in August. ABCA staff use this opportunity to remind people about the importance of natural infrastructure for reducing flooding, erosion and improving water quality, as well as habitat for rare species.

With ongoing community concerns regarding the fish die-off in the Port Franks area, Mari Veliz worked with community organizer, Lawrence Swift and Ph. D student Jennifer Powell to host a meeting on August 25th. The main intention of the meeting was to listen to the community and direct their energy to the positive things that are happening and the actions that could happen with their ongoing support. For a recap of the fish die-off event and the notes from the meeting with 60 people in attendance please see: <https://healthylakehuron.ca/post/?ID=597>

SOURCE PROTECTION COMMITTEE (SPC) MEETING MINUTES

August 30, 2023

Government of Ontario Building, Clinton ON

MEMBERS PRESENT

Bert Dykstra, Mary Ellen Foran, Dave Frayne, Paul Heffer, Doug Hocking, Philip Keightley, Alyssa Keller, Matt Pearson, Allan Rothwell, John Thompson, Jennette Walker

MEMBERS ABSENT

John Graham, Rowland Howe

LIAISONS PRESENT

Maitland Valley Source Protection Authority (SPA) Liaison – Phil Beard
Huron Perth Public Health Liaison – Patrick Landry

DWSP STAFF PRESENT

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

MEMBERS OF THE PUBLIC

Evan Tummillo, *Bedrock Energy*
Zain Javed, *Bedrock Energy*
Leslie Greener, *Stantec*
Justine Lunt, *Stantec*

CALL TO ORDER

Chair Matt Pearson called the meeting to order at 9:32 a.m.

AGENDA

MOTION #SPC: 2023-08-01

“That the agenda for the August 30, 2023 meeting be approved.”

Carried by Consensus.

APPROVAL OF MINUTES

MOTION #SPC: 2023-08-02

**Moved by Philip Keightley
Seconded by Allan Rothwell**

“That the SPC minutes from March 29, 2023 be approved as presented.”

Carried.

BUSINESS OUT OF THE MINUTES

None

DECLARATION OF PECUNIARY INTEREST

None

CORRESPONDENCE

None

CHAIR'S UPDATE

Chair Matt Pearson reported that he and other Source Protection Committee (SPC) Chairs throughout the Province have been in contact with Kristen Service, Director of the Conservation and Source Protection Branch of the Ministry of Environment Conservation and Parks (MECP), who has been reaching out to continue to engage the Chairs. Chairs are discussing ways to keep the Source Protection Committees moving forward within the Source Protection program. He also noted that the majority of MECP Source Protection Liaisons have been pulled from their liaison duty to help with the review of Source Protection Plan (SPP) revisions that have been submitted to the MECP.

PROGRAM UPATE

Mary Lynn MacDonald, Co-DWSP Program Supervisor, reported that Drinking Water Source Protection (DWSP) staff were contacted by the MECP Section 36 review staff regarding First Nations consultation. The Ausable Bayfield Maitland Valley (ABMV) Source Protection Region previously had a liaison from the Chippewas of Kettle & Stoney Point First Nation sit on the SPC. As a result of these discussions, 12 First Nations have been emailed consultation materials. To date, no comments have been received.

Mary Lynn also noted that a Stormwater Management Masterplan is underway for Grand Bend, and DWSP staff attended an open house in July as a portion of the new masterplan will encompass the current Intake Protection Zone – 2 (IPZ-2). The proposed plan will determine if the IPZ-2 will need to be adjusted in the Ausable Bayfield SPP. Additionally, The Lake Huron Primary Water Supply System (LHPWSS) updated staff that the preliminary design for the Huron Water Treatment Plant Storage and Disinfection project has begun. Finally, staff at the Municipality of Bluewater have confirmed that the former municipal wells in Zurich have yet to be decommissioned.

With respect to education and outreach, DWSP staff have been working on two new videos with SPC members Philip Keightley and Doug Hocking. One video intends to highlight the importance of a safe and plentiful source of water to local businesses and homeowners. The second video is intended to tie in with the Best Practices program by showing different types of wells and providing tips for well protection.

LUCKNOW WHPA UPDATE – SOURCE PROTECTION PLAN AMENDMENT

Donna Clarkson, Co-DWSP Program Supervisor, provided an overview of the technical work complete for the updated Lucknow wellhead protection area (WHPA). The Township of Huron-Kinloss applied to the MECP for an increase in their Permit to Take Water (PTTW) for the Lucknow drinking water system. This increase in pumping rate has made some changes to the WHPA. The modelling work to determine the changes to the extent and vulnerability scores in the WHPA has been completed by Matrix Solution Inc.

The updated wellhead protection areas are similar to the original WHPAs; however, WHPAs C and D are now separated between the two wells. The new model has also created some zones in the WHPA B that score a 10 for vulnerability. This will only add two residential septic systems, one farm and a municipal sewage works as significant threats. No changes will be needed for Source Protection Plan policies; however, text and maps will need to be updated to reflect the changes.

MOTION #SPC: 2023-08-03

**Moved by Jennette Walker
Seconded by Dave Frayne**

“That the Source Protection Committee agree that the proposed amendments to the Maitland Valley Source Protection Plan and Assessment Report are advisable.”

Carried

COMPRESSED AIR ENERGY STORAGE

Evan Tummillio, Director of Research and External Relations for Bedrock Energy Corp., provided the SPC with a presentation about proposed compressed air storage in the Municipality of Bluewater. The energy produced by the compressed air is intended to alleviate the peaks and valleys in the current energy system. Energy is taken off the grid during low demand times and convert to compressed air which is then sequestered in natural underground storage reservoirs at 500m below ground. The reverse process returns stored energy – similar to an underground battery – when more energy is required on the grid. Two such reservoir areas are located in the Bayfield and Zurich area that were previously approved for the storage of natural gas but never used. The proposed storage would require wells to be drilled to access the reservoirs. The drilling would occur on an angle and be directed toward the bottom of the reservoir, located well below any aquifers or sources of water. The two reservoirs would be connected via a compressed air pipeline and would also require a transformer station located above ground, between the two sites. This proposed project could provide energy for 500,000 homes.

This venture will have no impact on Source Protection planning, as the reservoirs are not located in Wellhead Protection Areas or highly vulnerable aquifers so should not affect municipal sources of drinking water. Bedrock Energy uses the guidelines for well drilling set out by the Canadian Standards Association, and will have a robust decommissioning plan in place, as well as monitoring and maintenance. They are currently in the public consultation phase of the project.

“WATER WISE” EVENTS

Mary Lynn MacDonald reported on the “Water Wise” event on August 27, hosted by the Ashfield-Colborne Lakefront Association at the residence of John Thompson and Beth Ross at Mid-Huron Beach. Prior to the event, the hosts delivered drinking water testing bottles to 93 residences in the area (many of which were shared wells) along with event information. Information was available on well protection with questions answered by retired hydrogeologist, Joy Rutherford and Ashfield-Colborne-Wawanosh had a display about septic systems and the mandatory inspections starting in 2024. In total, 30 samples were returned and staff took them to the Health Unit to be analyzed. Several

more of these events are planned for the fall, including events hosted by the Goderich Lions on September 14, and events with the Monkton and Dublin Lions, also to be held the fall.

Mary Lynn asked the SPC members to break into groups and brainstorm about other partnerships and events that might be useful in promoting good practices for non-municipal sources of drinking water.

LIAISON UPDATES

Patrick Landry, Huron Perth Public Health (HPPH) Liaison, noted that HPPH has been busy over the summer with their usual beach water quality monitoring and West Nile monitoring programs. He also reported that the “Check What We Inspect” program has been resumed, so the community has access to inspection reports for food premises. He also commended the success of the “Water Wise” Event.

Phil Beard, Maitland Valley SPA Liaison, did not have an update at this time.

NEXT MEETING

The next meeting will be October 25, 2023.

ADJOURNMENT

The meeting was adjourned at 12:19 p.m.

Matt Pearson
Chair

Abigail Gutteridge
Secretary



Ausable Bayfield Conservation Authority
Source Protection Authority Meeting

Thursday, September, 2023

11:45 a.m.

Administration Centre Boardroom
Morrison Dam Conservation Area

Agenda

1. Call to Order
2. Adoption of Agenda for September 21, 2023
3. Declaration of Pecuniary Interest
4. Adoption of Minutes from April 13, 2023
5. Business Out of the Minutes
6. Program Reports - Mary Lynn MacDonald
 - Program Update
 - Proposed Update to Lucknow Wellhead Protection Area
7. New Business
8. Adjournment

SOURCE PROTECTION AUTHORITY

Thursday April 13, 2023

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

DIRECTORS PRESENT

Ray Chartrand, Adrian Cornelissen, Jim Ginn, Steve Herold, Jaden Hodgins, Greg Lamport, Dave Marsh, Wayne Shipley, Marissa Vaughan

STAFF PRESENT

Geoff Cade, Abbie Gutteridge, Brian Horner, Mary Lynn MacDonald

CALL TO ORDER

Chair Marissa Vaughan called the meeting to order at 12:04 p.m.

ADOPTION OF AGENDA

MOTION #SPA 10/23

**Moved Dave Marsh
Seconded by Jim Ginn**

“RESOLVED, THAT the agenda for the April 13, 2023 Source Protection Authority meeting be approved.”

Carried.

DECLARATION OF PECUNIARY INTEREST

None

ADOPTION OF MINUTES

MOTION #SPA 11/23

**Moved by Greg Lamport
Seconded by Jaden Hodgins**

“RESOLVED, THAT the minutes of the Source Protection Authority meeting held on March 16, 2023, and the motions therein be approved as circulated.”

Carried.

BUSINESS OUT OF THE MINUTES

None

ANNUAL PROGRESS REPORT

Mary Lynn MacDonald, Drinking Water Source Protection (DWSP) Program Co-Supervisor, presented the Annual Progress Report on Source Protection Plan (SPP) implementation and the overall success of the DWSP program. This report covers the 2022 reporting period and builds on progress since 2015. The following summarizes the progress through 2022:

- Risk Management Official issued 36 development review notices and completed 10 risk management plans; two remain in progress.
- 10 of 12 municipalities/counties have completed their official plan amendment and the remaining two are in progress.
- 76% of on-site septic system inspections have been completed, with 73 completed in 2022. 50 systems were not inspected within the 5-year timeframe. These delays are attributed to staffing issues, lack of landowner cooperation and lingering impacts of the pandemic. Municipalities intend to complete the remaining inspections in 2023.
- The Ministry of Environment, Conservation and Parks reviewed 10 applications for prescribed instruments that could be significant drinking water threats, but only one wastewater/sewage application was classified as such in 2022.
- The percent progress for addressing drinking water threats in the Ausable Bayfield Maitland Valley Source Protection Region is 99%
- All categories for annual reporting are classified as progressing well and on target.

The Source Protection Committee reviewed the Annual Report and recommended that it be forwarded to the Ausable Bayfield and Maitland Valley Source Protection Authorities for approval and submission to the Ministry of Environment, Conservation and Parks.

MOTION #SPA 12/23

Moved by Jim Ginn

Seconded by Ray Chartrand

“RESOLVED, THAT the Ausable Bayfield Source Protection Authority receive the reports on the 2022 Annual Progress Report, and

“FURTHER, THAT the Ausable Bayfield Source Protection Authority approve the 2022 Annual Progress Report for submission to the Ministry of Environment, Conservation and Parks.”

Carried.

NEW BUSINESS

None

ADJOURNMENT

The meeting was adjourned at 12:18 p.m.

Marissa Vaughan
Chair

Abigail Gutteridge
Secretary

To: Ausable Bayfield Source Protection Authority
From: Donna Clarkson and Mary Lynn MacDonald, DWSP Co-Supervisors
Date: September 20, 2023
Subject: Program Update – Drinking Water Source Protection (DWSP)

For information.

1. Ausable Bayfield Maitland Valley (ABMV) Source Protection Committee (SPC)

A SPC meeting was held in person on August 30th at the Clinton OMAFRA building. Agenda items included the following:

- Staff report on DWSP program updates: SPP amendment; Grand Bend Stormwater Master Plan; Zurich switching to water pipeline and removing municipal wells
- Staff report on changes to Lucknow wellhead protection area, triggering need for another SPP amendment. **See Lucknow report**
- Bedrock Energy Corporation gave an interesting presentation on their proposed plans for a Compressed Air Energy Storage (CAES) facility in the Municipality of Bluewater. In short - surplus generated electricity would be stored as compressed air in natural rock reservoirs. Details on the proposal can be found on their website at <https://bedrockenergycorp.com/>
- Staff report on the province's new guidance – Source Water Protection for non-municipal water users. The SPC discussed ideas to promote 'best practices' to communities that rely on private water wells.
- The province no longer assigns a liaison officer to the Source Protection Regions, so MECP staff only attend SPC meetings when necessary.

Details on the SPC members and composition can be found at the [committee web page](#) on the ABMV source protection website at sourcewaterinfo.on.ca. **Minutes of SPC meeting can be downloaded from** <https://www.sourcewaterinfo.on.ca/portfolio/spc-committee-minutes/>

2. Source Protection Plan (SPP) – update on amendment

Background: As per the Clean Water Act, source protection plans and assessment reports can be updated using several methods:

- Section 34: a locally initiated amendment, e.g. new WHPA. This is the typical amendment

- Section 35: a Minister ordered amendment – we've never encountered this type
- Section 36: an update resulting from the comprehensive review that was required as part of the initial SPP approval. There are no plans or timelines for future s.36 reviews
- Section 51: an amendment for minor/administrative revisions, e.g. remove a well. Does not require consultation, so its quick and easy

On March 24, 2023, staff submitted proposed updates to the Ausable Bayfield and Maitland Valley Source Protection Plans (SPPs) and associated Assessment Reports (AR) to the province for their approval. The updates were completed in accordance with the 'Section 36' Order that was included in the Minister's approval of the Source Protection Plans on January 19, 2015.

Update: The proposed SPP update has not been approved to date. In July, MECP informed CA staff that review of our submission was going well. They noted that several First Nations have voiced interest in receiving notice of regulatory changes. In response, DWSP staff emailed SPP consultation material to 10 First Nations. No response has been received to date.

3. Communications

a. 'Water Wise' events: Promoting source water protection for non-municipal water users

In 2022, MECP posted new guidance for non-municipal water users:

<https://www.ontario.ca/document/best-practices-source-water-protection>

The guidance is intended to protect water sources and drinking water systems that are **not included** in a source protection plan and not regulated by the Clean Water Act. i.e. non-municipal water systems, including designated facilities, private developments and private wells. It is voluntary!

The DWSP workplan includes promotion of this new guidance and extends source water protection to non-municipal users. Donna and Mary Lynn met with SPC liaison Lori Holmes and staff from the Huron Perth Public Health (HPPH) to consider gaps related to water protection and to consider best options to address these gaps. HPPH wants to increase water testing for private landowners, which is low for this area, and we want to promote source water awareness, so it seems a logical partnership. Other regions are taking this approach as well.

DWSP have organized several 'water wise' events to promote awareness of source water protection. HPPH will provide water sample bottles for private landowners. The London lab has added a special code to enable tracking of water samples received from these events. DWSP staff will provide information related to threats to drinking water, e.g. septic systems. In August, Beth Ross and SPC member John

Thompson hosted our first event at Mid-Huron, Cedar and Maple Beaches, north of Port Albert. Prior to the event, Beth and John delivered 90 water sample bottles to local cottagers - many on shared wells, 30 bottles were returned during the event. ACW staff also attended the event to provide information on septic systems and their 2024 septic inspection program. Joy Rutherford, retired hydrogeologist, volunteered at the event to answer water questions.

Several Lions groups- Dublin, Monkton and Goderich - have agreed to host a 'Water Wise' event at their meetings in September-October.

b. Source Water Protection Videos

Two more videos featuring our Source Protection Committee (SPC) members are underway. In the "The Worth of Water", SPC member Philip Keightley highlights how important a clean, plentiful source of water is for residents, businesses and the local economy.

To tie in with the 'Water Wise' promotion, Doug Hocking is lending his years of stewardship expertise to a video "Your well - your responsibility". The video shows different types of wells and provide tips for water protection. Well and septic maintenance are also highlighted.

c. Social Media:

The latest #WaterWise #WaterWednesdays social media public information campaign began August 23, and extends until mid-October, 2023. The campaign helps drive traffic to our local sourcewaterinfo website and Best Practices web page (<https://www.sourcewaterinfo.on.ca/about/best-practices/>).

To: Ausable Bayfield Source Protection Authority (ABSPA)
From: Donna Clarkson and Mary Lynn MacDonald, DWSP Co-Supervisors
Date: September 20, 2023
Subject: Proposed update to Lucknow Wellhead Protection Area (WHPA)

Purpose: For information

Summary: The Township of Huron-Kinloss has applied to the Ministry of Environment Conservation and Parks (MECP) for an increase in PTTW (permit to take water) for the Lucknow drinking water system; there is no change to the wells. Matrix Solution Inc. has provided a technical report to identify changes to the wellhead protection area (WHPA) resulting from the increased pumping rate. Staff issued a 'section 48' notice to Huron-Kinloss, identifying the need to update the Source Protection Plan. The revised WHPA will be included with the next amendment to the Source Protection Plan (SPP).

A. Background

The Assessment Report provides the technical foundation to the Source Protection Plan. It includes a description of the municipal drinking water systems, a vulnerability assessment and identifies potential significant drinking water threat activities to which policies in the Source Protection Plan will apply.

The Lucknow municipal water supply is located in Township of Huron-Kinloss and consists of two bedrock wells – # 4 (north) and # 5 (south). The wells and WHPA are located within the Maitland Valley Source Protection Area. The WHPA extends into the Township of Ashfield-Colborne-Wawanosh (ACW).

Huron-Kinloss applied to MECP for an increase in PTTW (permit to take water) from current 1,500 m³/day to 2,000 m³/day, to accommodate future growth. As the increased rate could affect the extent of the WHPA, a technical report was required to identify changes to the WHPA. The modeling work to delineate the WHPAs and determine the vulnerability scores was completed by Matrix Solution Inc. Note that the SPC and the SPA do not approve the technical work; the province – MECP - is the approval authority.

In July, Matrix submitted a technical report, entitled "*Preliminary Wellhead Protection Area Delineation and Vulnerability Scoring Lucknow Well 4 and Well 5, Version 2.0*". The Matrix report provides a summary of the Lucknow water supply, proposed new WHPA and conclusions. The work includes updating the numerical groundwater flow model built in 2003 to account for the increased pumping rate, and using the existing vulnerability mapping to determine the vulnerability score.

Proposed wellhead protection areas (WHPA):

The proposed redefined WHPAs for Wells 4 and 5 differ significantly from the current Lucknow WHPA. **See figures below in Appendix A.** Most notably, zones C and D are now entirely separate. The extent of the WHPAs has increased, which seems reasonable given the increased pumping rate. However, the complete separation of the two WHPAs was unexpected. Matrix provided several factors in their report that could account for the change.

The updated Lucknow WHPAs are similar in orientation to the previous WHPAs. The WHPA for Lucknow Well 4 (north of well 5), located near Havelock and Rose Streets, extends northeast of the well site then continues eastward, within the Township of Huron-Kinloss. Part of WHPA zone B (2 year TOT) has a high vulnerability score of 10; the remainder scores 8. See Figure 3 below.

The updated WHPA for Lucknow Well 5 extends southeast of the well site on South Delhi Street, into the Township of ACW. The WHPAs of Well 5 are significantly larger than that of Well 4, due to higher pumping rate from this well. Part of WHPA zone B (2 year TOT) has a high vulnerability score of 10; the remainder scores 8. Note that significant drinking water threats are assessed in areas with score of 10.

Risk Assessment:

B.M. Ross completed a risk assessment to identify potential significant drinking water threats (SDWT) in the redefined WHPA. Note that activities deemed SDWTs are subject to policies in the Source Protection Plan (e.g. may require a risk management plan). The threats were identified based on the circumstances in the 2021 provincial Technical Rules, previous threat assessment work completed by CA staff, the WHPAs, vulnerability scores and potential activities determined via aerial photography and zoning designations. There is no change to zone A – the 100 metre zone around the well. Based on this desktop exercise, there are several new SDWT in the redefined WHPA – all in zone B with vulnerability score of 10 (red area on Figure 3 below). This includes the following activities:

- Two additional properties with septic systems in the new B/10. They will require inspection every five years
- One additional farm in new B/10, with potential SDWTs for grazing, fertilizer application and pesticide application
- The Municipal sewage works is now in B/10; previously in C/8

No DNAPL (dense non-aqueous phase liquids - aka nasty chemicals) threats were assessed in either the current or proposed WHPA. Note that DNAPLs are the only activity that is a SDWT in zones A to C.

The threat categories and number of properties with potential of significant drinking water threats are summarized in Table 1.

Table 1- Lucknow WHPA: Enumeration of Potential Significant Drinking Water Threats (SDWT)

Threat Category	Chemicals	Pathogens
1. Waste Disposal Site		
2. Sewage System	1	6
3. Agricultural Source Material Application		2
4. Agricultural Source Material Storage		1
5. Agricultural Source Material - Aquaculture		
6. Non-agricultural Source Material Application		
7. Non-agricultural Source Material Handling/Storage		
8. Commercial Fertilizer Application	2	
9. Commercial Fertilizer Handling/Storage		
10. Pesticide Application	2	
11. Pesticide Handling/Storage		
12. Application of Road Salt	1	
13. Handling and Storage of Road Salt	3	
14. Storage of Snow		
15. Fuel Handling/Storage	9	
16. Dense Non-Aqueous Phase Liquid Handling/Storage (DNAPL)		
17. Handling and Storage of Organic Solvents		
18. Management of Runoff from Aircraft Deicing		
21. Grazing/Pasturing Livestock	3	3
22. Establishment/Operation of Pipelines		
Total	21	12

B. Clean Water Act (CWA) section.48 Notice:

Per section 48 of the Clean Water Act, the Source Protection Authority (SPA) must issue a Notice to the municipality, identifying amendments to the Source Protection Plan (SPP) due to changes to the water supply wells and/or intakes.

In 2019, ABSPA & MV SPA approved the delegation of the issuance of these 'Section 48' Notices to Drinking Water Source Protection staff, following consultation with the Ausable Bayfield Maitland Valley (ABMV) Technical Team. As such, staff have issued the required s.48 Notice to the Township of Huron-Kinloss following review by the ABMV Technical Team.

See attached Notice, FYI.

C. Next Source Protection Plan Amendment

It is the role of the Source Protection Committee and Source Protection Authority to ensure that vulnerable areas identified in the Assessment Report remain current, and that Significant Drinking Water Threats remain addressed.

As outlined above, the proposed change to water taking and updated groundwater model resulted in a change in the Lucknow WHPA delineation. The Maitland Valley Source Protection Plan and Assessment Report must be updated to incorporate the revised Lucknow WHPA. The update will be bundled with anticipated changes to the Century Heights WHPA. A new well has been added to the Century Heights drinking water system in the community of Salford, east of Goderich. We are still waiting for the technical report from the consultant regarding the updated WHPA.

An amendment via section 34 of the Clean Water Act will be initiated once the technical report for Century Heights is available.

D. Summary

Based on the report provided by Matrix, there are significant changes to the Lucknow WHPA, so an update to the Maitland Valley Source Protection Plan is necessary. The various maps and water system description in the SPP and Assessment Report will be updated to reflect the redefined WHPA. No policy revisions are anticipated, as the source of water is adequately protected by the current SPP policies. A 'section 34' amendment will be initiated to include the Lucknow and Century Height updates once the technical report for Century Heights is complete.

Recommendation:

THAT the Source Protection Authority receives SPA report for information.

Appendix A

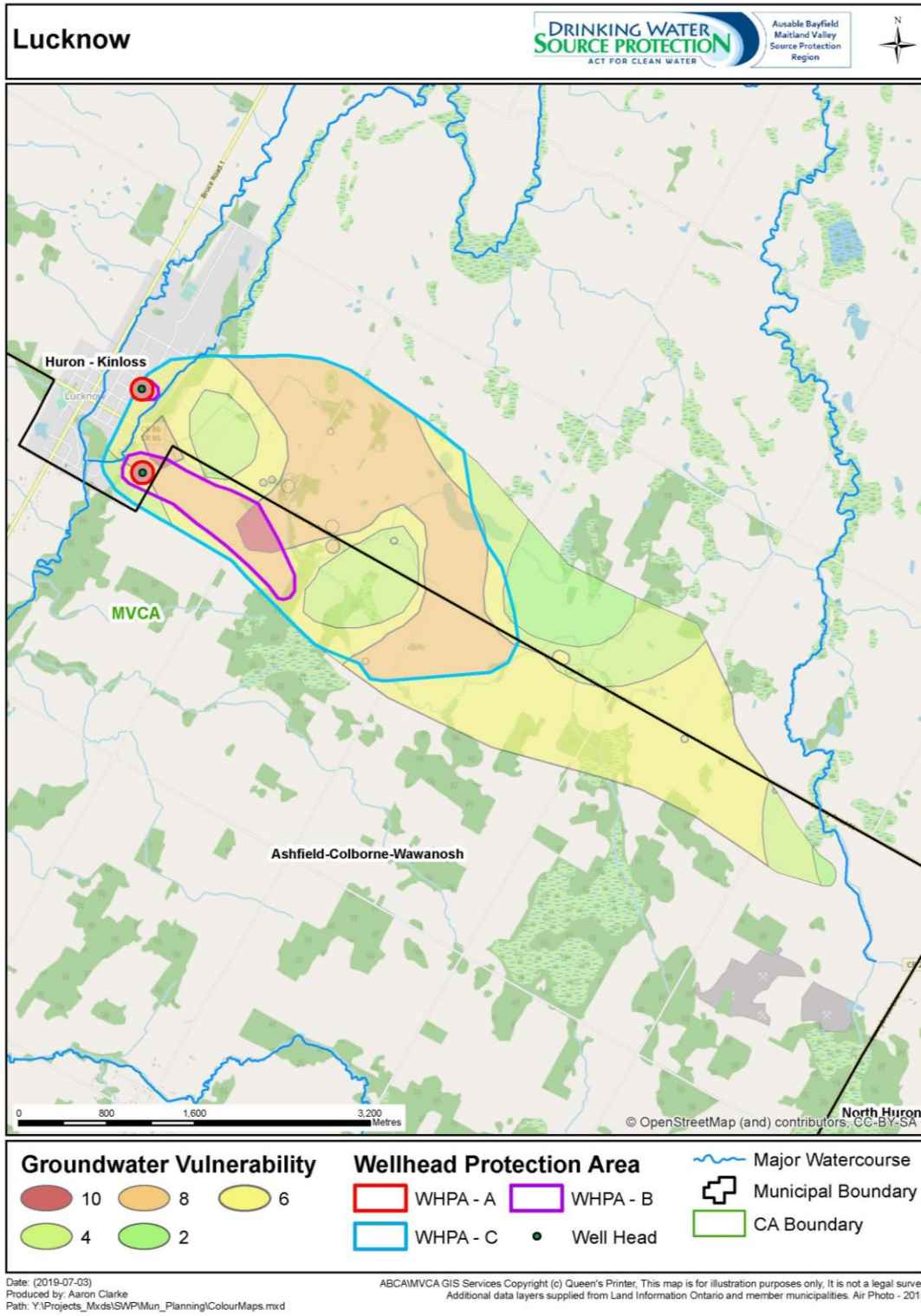


Figure 1: Current Approved Lucknow WHPA. Maitland Valley Source Protection Plan, 2019

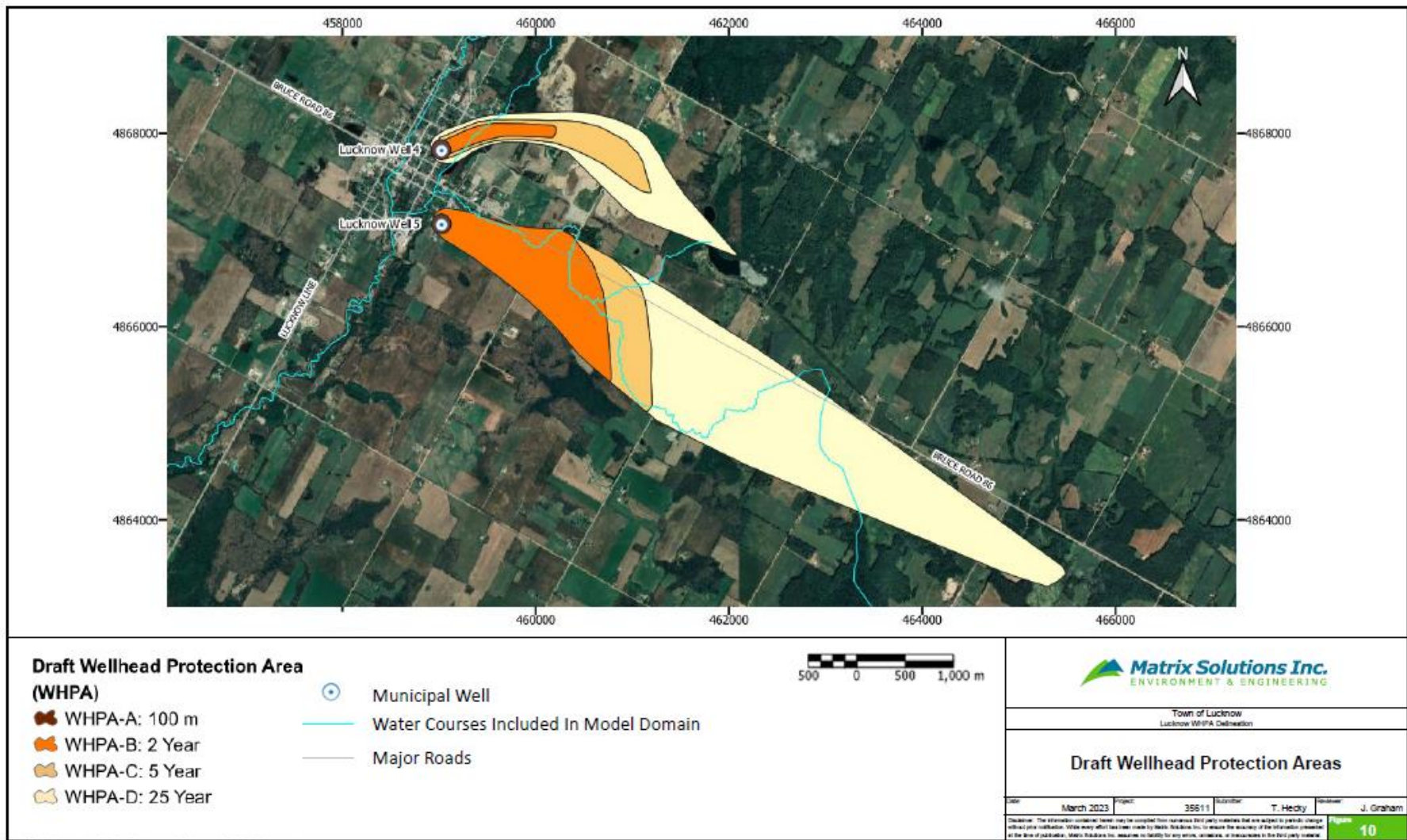


Figure 2: Draft Wellhead Protection Area. From *Preliminary Wellhead Protection Area Delineation and Vulnerability Scoring Lucknow Well 4 and Well 5*, Matrix Solutions Inc. 2023

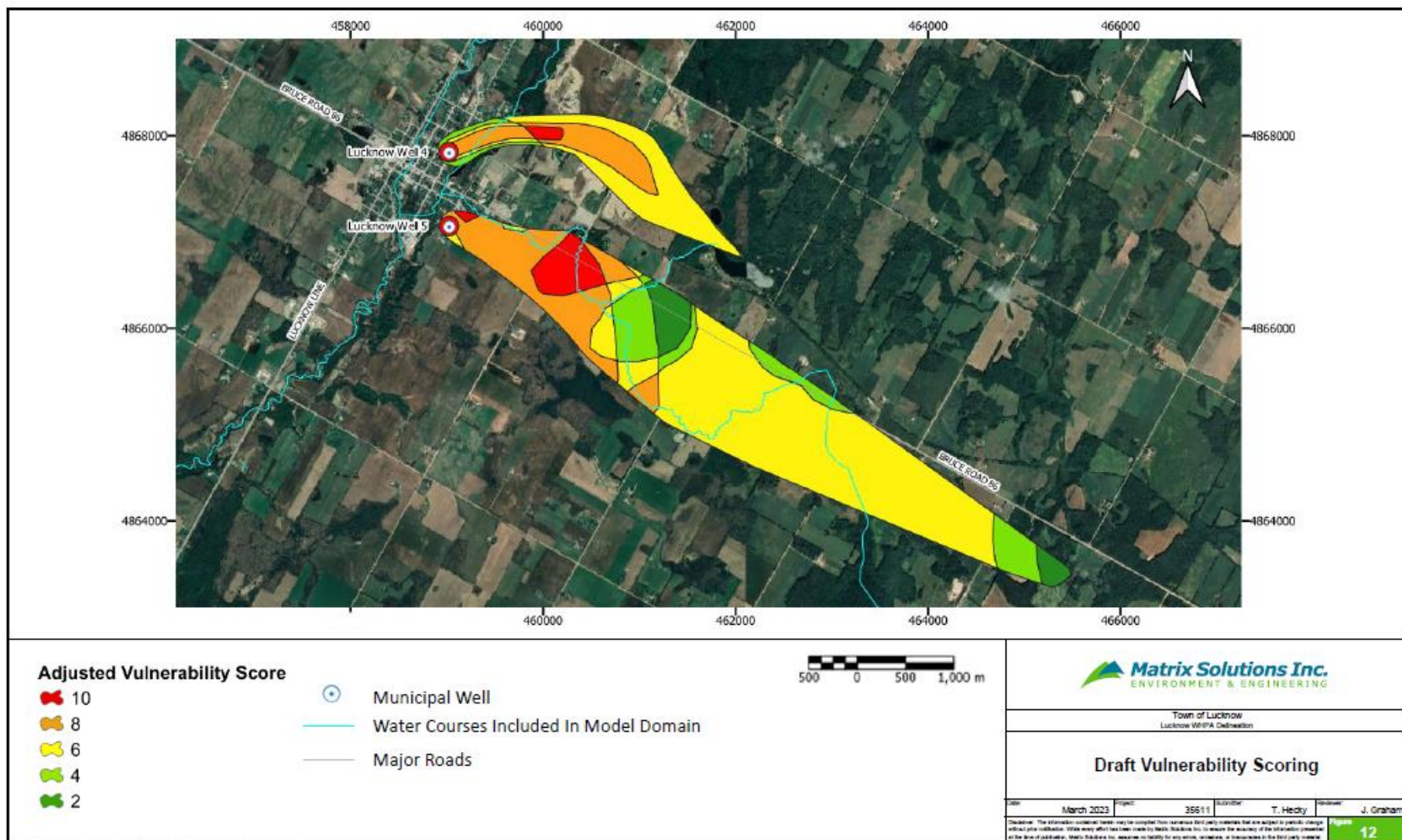


Figure 3: Draft Vulnerability Scoring. From *Preliminary Wellhead Protection Area Delineation and Vulnerability Scoring Lucknow Well 4 and Well 5*, Matrix Solutions Inc. 2023

Notice Of Amendments To Source Protection Plan (pursuant to section 48(1.1)(b) of Ontario Regulation 287/07)

Existing or Planned Municipal Drinking Water System (System):

Lucknow Drinking Water System; Permit to Take Water (PTTW) application

Name of Owner of Existing or Planned Municipal Drinking Water System (Owner):

Township of Huron-Kinloss

Applicable Source Protection Area (Source Protection Area):

Maitland Valley Source Protection Area

The Maitland Valley Source Protection Authority (MVSPA) is the Source Protection Authority for the Source Protection Area under the *Clean Water Act, 2006*.

The Maitland Valley Source Protection Authority has received written notice from the Owner about an intended application under the *Safe Drinking Water Act, 2002* for an existing or planned System that is located within the Source Protection Area.

The Maitland Valley Source Protection Authority has received the provided technical work (Matrix Solutions Inc, 2023*) for the purposes of identifying anticipated amendments to the source protection plan for the Source Protection Area, as required pursuant to subsection 48(1.1) of Ontario Regulation 287/07 under the *Clean Water Act, 2006*. Note that the review has been administrative in nature. The approval of the technical work is completed by the Ontario Ministry of Environment, Conservation and Parks as part of the Source Protection Plan amendment.

The Maitland Valley Source Protection Authority anticipates the amendments set out in Schedule A of this notice will be required as a result of the intended application. The list of anticipated amendments in Schedule A is provisional and will undergo consultations with stakeholders and the source protection committee. All amendments must be approved by the Ministry of the Environment, Conservation and Parks and are subject to change after this notice is issued. The timing for approval of the amendments by the Ministry of Environment, Conservation and Parks is not within the control of the Source Protection Authority

All actions by Maitland Valley Source Protection Authority for the purposes of this notice are undertaken as the Source Protection Authority for the above noted Source Protection Area and are subject to the *Clean Water Act, 2006*. This notice does not exempt the Owner from obtaining the required license or permit to operate the System under the *Safe Drinking Water Act, 2002*.

Issued by:

Date: August 31, 2023

A handwritten signature in black ink, appearing to read "Donna Clarkson". The signature is fluid and cursive, written in a professional style.

Donna Clarkson, Co-DWSP Program Supervisor
Ausable Bayfield Maitland Valley Source Protection Region
c/o Ausable Bayfield Conservation Authority
71108 Morrison Line, RR #3, Exeter ON NOM 1S5

Schedule A – List of Anticipated and Completed Amendments to Source Protection Plan

No.	Section of Source Protection Plan / Assessment Report	Brief Description of Potential and Completed Amendment	Estimated Timing to Submit Proposed Amendment to Ministry of the Environment, Conservation and Parks
1	<p>Assessment Report – Chapter 4. Section 4.5.6.2.2 Lucknow Drinking Water System</p> <p>Chapter 4 Maps: Lucknow and Huron-Kinloss maps</p>	<p>The Township of Huron-Kinloss has applied for a PTTW to increase the pumping rate for the Lucknow drinking water system. The Wellhead Protection Area (WHPA) was updated to reflect the increased pumping rates. Anticipated amendments include updates to text and maps to reflect the revised WHPA, vulnerability scoring, and threats assessment.</p> <p>Key text and mapping updates to the Maitland Valley Assessment Report: Chapter 4:</p> <ul style="list-style-type: none"> ○ description of Lucknow Drinking Water System ○ Threat enumeration ○ Maps: 4.Lucknow; 4.HK.WHPA; Managed Land, Impervious Surface; Livestock Density 	<p>Anticipate Section 34 update to be submitted to MECP in early 2024</p> <p>(it is anticipated that the amendment will be bundled with the Century Heights drinking water system in the hamlet of Saltford, Township of Ashfield-Colborne-Wawanosh – technical report on new well pending)</p>
2	<p>Source Protection Plan: Schedules (maps)</p>	<p>Anticipated amendments include updated policy applicability maps in the Source Protection Plan: Schedule HK_Lucknow and KeyMapMVCA</p>	

* Supporting technical report: Preliminary Wellhead Protection Area Delineation and Vulnerability Scoring Lucknow Well 4 and Well 5, Version 2.0, prepared by Matrix Solutions Inc., July 2023 (Matrix Solutions Inc., 2023)
 File name: 35611-527 R 2023-07-31 final V2.0.docx