



Board of Directors Annual Meeting

February 24, 2022, 10:00 a.m.
Remote Via Zoom

Agenda

1. Chair's Remarks
2. Introduction of Guests
3. Adoption of Agenda
4. Declaration of Pecuniary Interests
5. Minutes
6. Chair & Conservation Ontario Report
7. 2021 Audited Financial Statements
8. Conservation Awards
9. Service Awards

2022 Business

10. Code of Conduct
11. Election of Officers
12. Nominating Committee
13. Authorization to Borrow
14. 2022 Appointments
15. General Manager's Reports
 - 15.1 GM's Report
 - 15.2 Inventory of Programs and Services
16. Consent Agenda
 - 16.1 (a) Business Arising
 - 16.1 (b) Watershed Conditions and Water Levels
 - 16.1 (c) Shoreline Projects
 - 16.1 (d) Management of Contaminated Sediment
 - 16.1 (e) Planning Activity Summary Report
 - 16.1 (f) Regulations Activity Summary Report
 - 16.1 (g) Healthy Watersheds Status and Outreach
 - 16.1 (h) Captive Hatch and Release Program
 - 16.1 (i) Conservation Education
 - 16.1 (j) 2022 Special Events
17. Other Business Items
 - 17.1 Conservation Area Policy Updates
 - 17.2 Ontario Trillium Foundation Funding
 - 17.3 Coldstream Conservation Area Update
 - 17.4 AWC Museum Building Update

- 17.5 SCRCA Permitting Process – County/Municipal Involvement
- 17.6 Planning Fee Comparison
- 17.7 WECl Projects
- 18. Correspondence
(None)
- 19. New Business
- 20. Adjournment

Additional Items

- 2022 Schedule of Meetings
- 2022 Board of Directors
- 2021 Annual Report (to be sent ASAP)

Disclaimer: Board members, staff, guests and members of the public are advised that the SCRCA Special Meeting and Authority Board meetings are being video/audio recorded, and will be posted to the Authority's Facebook/ web site along with the official written minutes. As such, comments and opinions expressed may be published and any comments expressed by individual Board members, guests and the general public are their own, and do not represent the opinions or comments of the Full Authority and/or the SCRCA Board of Directors. The recorded video of the Full Authority meeting is not considered the official record of that meeting. The official record of the Authority meeting shall consist solely of the Minutes approved by the Board of Directors.

**St. Clair Region Conservation Authority
Annual General Meeting Proposed Resolutions**

(Roll Call)

- 3. Moved by:** **Seconded by:**
That the agenda for the Annual General Meeting be adopted.
- 4.** It is requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest.
- 5.1 Moved by:** **Seconded by:**
That the minutes of the Board of Directors meeting held December 9, 2021, be approved as distributed.
- 5.2 Moved by:** **Seconded by:**
That the minutes of the Executive Committee meeting held February 10, 2022, be approved as distributed.
- 6.1 Moved by:** **Seconded by:**
That the Board of Directors acknowledges the minutes of the December 13, 2021 Conservation Ontario Council meeting.
- 7.1 Moved by:** **Seconded by:**
That the St. Clair Region Conservation Authority accepts the recommendation of the Executive Committee and report from the Authority's auditors, MNP Chartered Professional Accountants LLP, and further approves the 2021 Audited Financial Statements.
- 8.1 Moved by:** **Seconded by:**
That the Board of Directors congratulates the 2022 Conservation Award Winners and thanks them for their contributions to conservation.

9.1 Moved by: Seconded by:
That the Board of Directors acknowledges the service awards presented to the directors and staff and further that they be thanked for their years of dedicated service.

Conclusion of 2021 Business

2022 Business

10. Moved by: Seconded by:
That the Board of Directors acknowledges and complies with the St. Clair Region Conservation Authority's Code of Conduct and Administrative By-laws.

11.1 Moved by: Seconded by:
That Ken Phillips be appointed chair for the election of the 2022 Chair and Vice Chair.

11.2 Moved by: Seconded by:
That Chris Durand and Donna Blue be appointed scrutineers in the event of an election.

11.3 Moved by: Seconded by:
That nominations for the position of Chair be closed.

11.4 Moved by: Seconded by:
That nominations for the position of Vice Chair be closed.

12.1 Moved by: Seconded by:
That the St. Clair Region Conservation Authority adopts the 2021 Nominating Committee's Report.

12.2 Moved by: Seconded by:
That the 2022 Executive Committee for the St. Clair Region Conservation Authority be:

_____, Chair
_____, Vice Chair

Terry Burrell
Joe Faas
Frank Kennes
Brad Loosley
Betty Ann MacKinnon
Steve Miller
Mike Stark

- 13. Moved by:** **Seconded by:**
That the Authority Chair or the Vice-Chair and the General Manager/Secretary-Treasurer or Director of Finance be authorized to borrow from the Libro Credit Union, Strathroy for the general operations and capital program of the Authority, a sum not to exceed \$3,598.372 to be repaid from grants received from the Province of Ontario, Government of Canada, levies assessed to the member municipalities and general revenue.
- 14.1 Moved by:** **Seconded by:**
That MNP Chartered Professional Accountants LLP, be appointed auditors for the St. Clair Region Conservation Authority for 2022
- 14.2 Moved by:** **Seconded by:**
That the Authority's 2022 representative to Conservation Ontario will be the Authority Chair, the Vice-Chair will be the first alternate and the General Manager be the second alternate.
- 15.1 Moved by:** **Seconded by:**
That the Board of Directors acknowledges the General Manager's report dated February 7, 2022.
- 15.2 Moved by:** **Seconded by:**
That the St. Clair Region Conservation Authority's (SCRCA) Inventory of Programs and Services be endorsed; and that the Inventory of Programs and Services be circulated to the MECP, Conservation Ontario, all watershed Municipalities and to be posted on the SCRCA website.

Consent Agenda

- 16.1 Moved by:** **Seconded by:**
That the Board of Directors approves the consent agenda and endorses the recommendations accompanying Items 16.1 a - 16.1 j.
- 16.1 (a) That the Board of Directors acknowledges the report on business arising dated Feb 9, 2022.*
- 16.1 (b) That the Board of Directors acknowledges the report dated February 10, 2022 regarding current watershed conditions and Great Lakes water levels.*
- 16.1 (c) That the Board of Directors acknowledges the report dated February 8, 2022 on the ongoing shoreline projects across the watershed.*

16.1 (d) *That the Board of Directors acknowledges the report dated February 3, 2022 on the on-going project work on the Engineering and Design Plan for the Management of the Contaminated Sediment in the St. Clair River.*

16.1 (e) *That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly Planning Activity Summary Report, dated February 10, 2022 for the period from November 1, 2021 to January 31, 2022.*

16.1 (f) *That the Board of Directors acknowledges and concurs with the Regulations Activity Summary Report dated February 10, 2022 on "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" Regulations (Ontario Regulation 171/06) from November 1, 2021 to January 31, 2022.*

16.1 (g) *That the Board of Directors acknowledges the report dated February 3, 2022 on Healthy Watersheds Program and Biology Department Update*

16.1 (h) *That the Board of Directors acknowledges the report dated February 10, 2022 on the results from the Captive Hatch and Release program conducted by SCRCA Biology in 2021.*

16.1 (i) *That the Board of Directors acknowledges the Conservation Education Progress report dated February 7, 2022.*

16.1 (j) *That the Board of Directors acknowledges the 2022 schedule of Special Events outlined in the attached flyer.*

17.1

Moved by:

Seconded by:

That the Board of Directors acknowledges the report dated January 24, 2022 on the Conservation Areas Policies and Regulations for Day Use and Facilities, Overnight Camping, and Overnight Camping Reservations and Information, and further permits the implementation of minor updates in future years.

17.2

Moved by:

Seconded by:

That the Board of Directors acknowledge the report dated February 7, 2022 on the funding received from the Ontario Trillium Foundation.

- 17.3** **Moved by:** **Seconded by:**
That the Board of Directors acknowledges the report on the Coldstream Conservation Area, dated February 4, 2022, and further authorizes the decommissioning of three pit and vault washrooms, and further authorizes the use of the Coldstream Conservation Area Reserve Funds for parking lot upgrades and washroom decommissioning.
- 17.4** **Moved by:** **Seconded by:**
That the Board of Directors acknowledges the report, dated February 9, 2022 on the status of the Campbell House Museum, and further that staff be directed to postpone any action relating to the building indefinitely until staff investigations are complete, and direction is provided by the Board of Directors.
- 17.5** **Moved by:** **Seconded by:**
That the Board of Directors acknowledges the report, dated February 10, 2022 in response to the item of business arising regarding the SCRCA Planning and Regulations permitting process and the possibility of County/Municipal involvement.
- 17.6** **Moved by:** **Seconded by:**
That the Board of Directors acknowledges the report dated February 16, 2022 and further directs staff to carry out the recommendations listed within the report to assist with cost recovery efforts for Planning and Regulations operations
- 17.7** **Moved by:** **Seconded by:**
That the Board of Directors acknowledges the report dated February 8, 2022 on Water and Erosion Control Infrastructure Projects and approves the projects submitted for funding in 2022-2023 and further will assist staff in obtaining matching funds, where required, to support these projects upon confirmation of funding approval.
- 18. New Business**
- 19. Moved by:** **Seconded by:**
That the meeting be adjourned.



Board of Directors Meeting Minutes

Date: December 9, 2021

Time: 10:00 a.m.

Remote

Present: Al Broad, Pat Brown, John Brennan, Vice-Chair; Terry Burrell, Bill Dennis, Joe Faas, Larry Gordon, Aaron Hall, Frank Kennes, Brad Loosley, Betty Ann MacKinnon, Kevin Marriott, Mark McGill, Dan McMillan, Steve Miller, Frank Nemcek, Lorie Scott, Chair; Mike Stark, Jerry Westgate, Tim Wilkins

Staff Present: Donna Blue, Manager of Communications; Melissa Deisley, Director of Planning and Regulations; Chris Durand, Manager of IT/GIS; Sarah Hodgkiss, Manager of Planning and Natural Heritage; Ashley Fletcher, Administrative Assistant/ Board Coordinator; Tim Payne, Manager of Forestry; Ken Phillips, General Manager; Tracy Prince, Director of Finance; Girish Sankar, Director of Water Resources; Greg Wilcox, Manager of Lands

Guests Present: Sarah Duplisea, Peacekeeper Park

The Chair greeted all in attendance and requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest.

BD-21-124**Burrell – Loosley**

“That the Board of Directors adopts the agenda for the meeting as presented.”

CARRIED

The minutes of the Board of Directors meeting, held November 4, 2021 were reviewed.

BD-21-125**Faas – Dennis**

“That the minutes of the Board of Directors meeting, held November 4, 2021, be approved as distributed.”

CARRIED

The minutes of the Executive Committee meeting, held June 29, 2021 were reviewed.

BD-21-126

Stark – Wilkins

“That the minutes of the Executive Committee meeting, held June 29, 2021, be approved as distributed.”

CARRIED

- General Manger assumed the position on November 1, 2021 and has undertaken the task of familiarizing himself with the day-to-day activities at the SCRCA, as well as meeting with individual departments to gain an understanding of pressing issues and current task assignments.
- Attended zoom meeting with neighbouring CAs (LTRCA, UTRCA, ABCA and KCC) November 2, 2021 to ensure roll-out of the transition plan component of Bill 229 is consistent among shared municipalities.
- Attended Source Water Protection zoom meeting November 5, 2021 to get an update on the program and its deliverables.
- Presented an overview of the 2022 budget for interested municipal staff and members of the Board of Directors via zoom on November 10, 2021.
- Attended Conservation Ontario zoom meeting November 15, 2021 with other senior SCRCA staff to get and update on transition strategies pertaining to O. Reg. 686/21 *Mandatory Programs and Services Regulation* and O. Reg. 687/21 *Transition Plan and Agreements Regulation*. Further information on these regulations is provided in a separate report as part of this agenda.
- Began outreach to watershed municipal staff to make introduction and to offer SCRCA to engage with councils and municipal counterparts more frequently.
- Attended Conservation Ontario GM/CAO zoom meeting November 18, 2021. Main topics included Bill 229 and potential expansion of boards to include a member from the agricultural sector.
- Along with Greg Wilcox, Manger of Conservation Areas, attended a site meeting at the Campbell House with concerned citizens and representatives from Brooke-Alvinston November 24, 2021.
- General Manager as begun the process of examining cost recovery models from other conservation authorities for CA services, as per a request by the Board of Directors. In order, to have a more comprehensive analysis, the report will be presented at the February Board of Director’s of meeting.

Directors Comments:

Director Mike Stark enquired on the extent of municipal outreach as it relates to memorandums of understanding (MoU) and whether municipalities are aware of this requirement in the near future. General Manager, Ken Phillips has communicated with municipal Clerks/Chief Administrative Officers (CAOs) and staff, introducing himself and discussing past and/or present issues related to SCRCA and has offered to present at council meetings to provide an overview of our functions and services following the 2022 municipal election. In regards to MoUs, contacts have been identified for each member municipality and further details will be provided to those staff when initial inventory is

complete.

BD-21-127

McMillan – Brown

“That the Board of Directors acknowledges the General Manager’s report, dated November 25, 2021.”

CARRIED

On October 4, 2021, the Province of Ontario released the first phase of regulations that will begin to implement changes outlined in amendments to the Conservation Authorities Act. Of paramount importance are Ontario Regulation 686/21 Mandatory Programs and Services and Ontario Regulation 687/21 Transition Plans and Agreements.

Ontario Regulation 687/21 (Reg. 681/21) sets up a transition period (July 2022 – January 1, 2024) to provide the local Conservation Authority and its member municipalities the time to inventory and address changes to programs and services into:

1. Category 1 programs and services - the mandatory programs and services supported by levy without agreement
2. Category 2 programs and services - the non-mandatory municipal programs and services provided at the request of a municipality with a supporting memorandum of understanding (MOU)
3. Category 3 programs and services - the other programs and services the conservation authority deems advisable that may be supported by MOU with a municipality

Under Reg. 687/21, a transition plan is the first required deliverable to the MECP and must be submitted by December 31, 2021. It includes a timeline and work plan of how the SCRCA will meet its legislative requirements during the transition period. The transition plan must also be given to SCRCA member municipalities and uploaded to the SCRCA website by December 31, 2021.

Directors Comments:

Director Mike Stark enquired whether the timeline provided for the transition plan, as set out by the Ministry of Environment, Conservation and Parks (MECP) is seen as aggressive. General Manager, Ken Phillips expressed confidence in meeting the timeline, given the extension to December 31, 2023. Inventory works will be accomplished by the end of February, 2022 followed by discussions with municipalities.

BD-21-128

Burrell – Stark

“That the Board of Directors approve the proposed transition plan in order that it may be submitted to the Ministry of Environment, Conservation and Parks, Watershed Municipalities and uploaded to the SCRCA website by December 31, 2021.”

CARRIED

The minutes of the Conservation Ontario Council meeting, held September 28, 2021 were reviewed.

BD-21-129

Dennis – Marriott

“That the Board of Directors acknowledges the minutes of the Conservation Ontario Council meeting held remotely on September 28, 2021.”

CARRIED

The report on business arising from the November 4, 2021 meeting was reviewed.

(a) That the Board of Directors acknowledges the updates on business arising from the November 4, 2021 meeting.

Report Highlights:

- Flood potential is moderate owing to saturated ground which is quick to respond to precipitation inputs
- High amounts of precipitation in June, September, and October have led to high regional averages in the past three and six months, helping bring the twelve-month average near normal
- Lakes Huron, St. Clair and Erie are down compared to a year ago, however still remain well above their 100-year average. Levels are predicted to decline over the coming months.

Watershed Conditions

Flood Threat

Flood potential in the watershed is currently moderate, owing to well above normal precipitation amounts in September and October which have left soils saturated. Previously considered minimal amounts of rain (i.e. 10-15 mm) now has the potential to noticeably increase already elevated water levels in both branches of the Sydenham River.

Moving into December and January, freeze-thaw temperature fluctuations, snow melt and rain will be the prominent concerns leading to flooding. Temperatures will also have an impact on ice formation on Lake Huron, which if insufficient, could lead to an ice jam in the St. Clair River similar to that in early February, where strong winds pushed floating ice down and jammed near Walpole Island First Nation and Algonac, Michigan.

At present, the water level in Wallaceburg has approximately 40 cm of freeboard thanks to lower levels on Lake Huron and Lake St. Clair. The potential for flooding in this area from wind-driven backwater and precipitation is low compared to previous years; saturated soils and elevated water levels upstream will have a greater influence in Wallaceburg.

Precipitation

- High amounts of precipitation in September and October greatly surpassed normal amounts, and in some locations were double that of normal
- Three and six month averages were well above normal at all surrounding stations due to the September and October rains
- Early indicators of drought in the first half of the year were quenched by high rainfall in June and further reduced with the Fall rainstorms, bringing the regional average for the past twelve months to very near normal values

Lake Levels

- Compared to November 2020, Lake Huron has seen a drop in water level of 37 cm, Lake St. Clair of 13 cm, and Lake Erie at 5 cm.
- All lakes remain well above their mean water levels, ranging from 42 cm to 59 cm.
- 1986 remains the record year for November water levels, with Lake Huron currently 62 cm below record, Lake St. Clair 35 cm below, and Lake Erie below by 27 cm.
- Lakes are forecasted to continuing dropping in the coming months, however are predicted to remain above average levels.

(b) That the Board of Directors acknowledges the report dated November 26, 2021 on the current watershed conditions and great lakes water levels.

Old Lakeshore Road near Penhuron Drive Shoreline Improvements

- An evaluation team (SCRCA, City of Sarnia, Shoreplan Engineering) has reviewed the submissions.
- List of contractors that submitted tenders for this project is provided below:

Contracting company	Tendered cost
Van Bree drainage and bulldozing	\$2,914,890
R & M Contracting	\$3,028,504
South Shore Contracting	\$2,977,150

- Contract has been awarded to **Van Bree drainage and Bulldozing**
- Shoreline work in this section is expected to start January 2022.

Port Lambton Park Shoreline project

The project site is in Port Lambton along the east shore of the St. Clair River. The site includes a shoreline starting at the north of Queen Street and stretches south a distance of approximately 240 meters. The current shoreline of the site includes varying structures, steel sheet pile, steel sheet pile wall supported by timber piles, concrete rubble, stacked concrete. The condition of the shoreline is poor and needs restoration.

- Design work is complete
- Permit process ongoing
- Tenders for construction were issued on November 23rd at 9:00 am

- Tenders close on December 14th, 2021, at 2:00 pm
- Construction expected to start early 2022

Groyne only Project

- SCRCA, City of Sarnia and Shoreplan have been working on installation of Groynes along Brights Grove
- 2 groynes will be constructed in 2022
- We have identified the need for - one groyne to the west of Penhuron Dr. and another groyne east of Kenwick street
- The drawing below shows the groyne design
- Permit applications have been submitted

(c) That the Board of Directors acknowledges the report on shoreline projects dated November 25, 2021.

The St. Clair Region Conservation Authority (SCRCA) is continuing to work with Parsons Inc. on the development of an engineering and design plan for managing contaminated sediment in three priority areas of the St. Clair River. Regularly scheduled Sediment Management Oversight Committee teleconferences continue to be held to provide the committee with updates on the project work and to seek input on various components of the draft plan.

After assessing the extensive amount of new data that was collected in 2019 and 2020, in conjunction with historical data, the consultant concluded that:

- There have been significant decreases in mercury concentrations in surface sediment compared to historical results due to natural recovery.
- As a result, there are currently no measurable risks to fish presented by mercury in sediment.
- This is supported by the fact that the risk-based goal of an average of 3 mg/kg mercury in the surface sediment, to be protective of fish, has already been met in each Priority Area and at the two Buried Deposits.
- Re-exposure of the subsurface buried mercury is unlikely.
- An Erosion Resistant Cover is recommended in focused areas within Priority Areas 1, 2 and 3 to enhance erosion protection and decrease mercury concentrations at the surface.
- The planned remedial actions will achieve the sediment management goals and remedial action objectives.

The SCRCA, with support from Parsons where required, held 8 information sessions to present the results of the field work and the recommended remedial approach. Presentations were made to Aamjiwnaang First Nation, Walpole Island First Nation, regulatory agencies, local industry, local municipalities, the Canadian Remedial Action Plan Implementation Committee, and the Binational Public Advisory Council for the St.

Clair River Remedial Action Plan. A Community Information Session was also held for anyone that was interested in participating, including local media. The session was recorded and subsequently posted to SCRCA's web site. The questions and answers from the session were also posted.

Update:

Parsons submitted the draft design plan to the SCRCA in August 2021, which was also shared with representatives on the Oversight Committee. All parties involved reviewed the draft plan and provided comments to Parsons for consideration prior to finalizing the plan.

Additional discussions with Parsons were required on the proposed Water Quality Monitoring Plan to confirm what type of sampling should be conducted during implementation, where it should be conducted, and at what frequency.

Discussions were held with Suncor and Shell to confirm that the activities to be performed during the implementation stage would not adversely impact their site operations.

To confirm what the Environmental Assessment Act requirements would be prior to proceeding with implementation of the proposed work, discussions were held with Conservation Ontario and the Ministry of the Environment, Conservation and Parks.

Next Steps:

Additional discussions with Parsons and Fisheries and Oceans Canada are planned so that requirements under the federal Species at Risk Act can be incorporated into the design plan. Provincial requirements under the Endangered Species Act also need to be confirmed.

Parsons is to finalize the engineering and design plan for submission to the SCRCA in December 2021. The SCRCA and Oversight Committee members are to review the final plan and confirm acceptance before the end of December 2021.

Strategic Objectives(s):

Ensure that our rivers, lakes and streams are properly safeguarded, managed and restored.

Financial Impact:

Monthly invoices received from Parsons continue to be reviewed to ensure that costs incurred align with the key project deliverables and the contract agreement. Cost recovery also continues to occur on a quarterly basis with costs shared amongst each of the

funding partners in accordance with the funding agreements. The project work is currently on track for being completed within the established project budget.

(d) That the Board of Directors acknowledges the report dated November 23, 2021, on the engineering and design plan for management of contaminated sediment.

Phosphorus is essential to life, but when it becomes available in excessive amounts in freshwater environments it can cause algal blooms and hypoxic (low oxygen) conditions. This severely degrades the water quality of lakes and rivers and can impact the safety of water for drinking, recreation, and wildlife.

Through the binational Great Lakes Water Quality Agreement (GLWQA), the Canadian and US governments have committed to reducing phosphorus loads to Lake Erie by 40% from 2008 levels. Subsequently, the federal and provincial governments have set out actions in the Nutrient Annex of the Canada-Ontario Great Lakes Agreement (COA) and Lake Erie Action Plan (LEAP), which include the need to support the development of watershed-level phosphorus management plans. As watershed-based resource management agencies, Conservation Authorities in the Lake Erie basin have been identified as key implementation partners and the Sydenham River has been identified as a priority tributary in Canada.

With financial support provided by Environment and Climate Change Canada (ECCC), the St. Clair Region Conservation Authority (SCRCA) is coordinating the development of a Phosphorus Management Plan for the Sydenham Watershed to reduce the impact of this nutrient on the Lake Erie basin and improve the health of the local ecosystem.

The objective of this multi-year project is to coordinate with local stakeholders, First Nations, and community members to identify sources of phosphorus, determine best-value solutions for our region, and develop a community engagement strategy.

Progress since June 2021 board report:

- Presentation at the binational Lake St. Clair Conference
- Conducting/compiling research and collecting data based on direction from committees
- Data analysis and mapping
- Writing and editing draft management plan
- Submitting interim reporting
- Contacting committee members, researchers, government contacts for information
- Sharing data with researchers
- Uploading data into KISTERS water quality software program
- Captured and compiled air photos for communications materials
- Added phosphorus outreach content to the Sydenham SAR website
- Attended virtual Lake Erie, phosphorus, water quality, and Traditional Ecological Knowledge events

- Participating on the Lake Erie Action Plan Implementation Committee and Agricultural Working Group

2021 Lake Erie Harmful Algal Bloom:

Unimpeded overland runoff and overflows during the non-growing season are a typically a major driver of phosphorus loads that contribute to the development of harmful algal blooms (HABs) in western Lake Erie. Due to below average rainfall early this spring, it was forecasted that the bloom for 2021 would have a severity of 2.0-4.5 on a scale of 10 (the bloom severity index), which would have been less severe than average.

The November 1 [end of season assessment by NOAA and Heidelberg University](#) found that the 2021 algal bloom was slow to develop but heavy July rains are believed to have contributed to a bloom that was more severe than expected. Ultimately, the 2021 HAB had a severity of 6.0, which is considered moderately severe (see graph below).

Strategic Objectives

The Phosphorus Management Plan is a project that ties into our existing programs and will help us to meet our strategic objective to focus on programs that reduce the loading of phosphorus to the Great Lakes in order to protect, manage, and restore our natural systems.

Goal 2:

“Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes.”

Strategic Actions:

“Develop New Tools to Promote Stewardship Practices and Evaluate the Effectiveness of Best Management Practices: Evaluate the current model of landowner outreach and voluntary stewardship and explore new tools and collaborations that expand conservation opportunities utilizing information from our watershed report cards. Best Management Practices (BMPs) are encouraged to promote soil health, improve water quality, and provide for more resilient watersheds. Efforts need to be made to evaluate the various BMPs to ensure they are creating the results expected such as reducing nutrient loss from farm fields (with a focus on phosphorus) and decreasing sedimentation in watercourses. This is an opportunity to work with colleges and universities, farming groups, and others to develop solid science to evaluate BMP effectiveness.”

“Focus on Programs to Reduce Phosphorous Loading into the Great Lakes: Governments on both sides of the border have been taking action setting targets for the Great Lakes to deal with the problem of excess Phosphorus. Stewardship programs, while also addressing other watershed needs, should focus on reducing Phosphorous levels entering the Great Lakes.”

Financial Impact

For 2021-22, the SCRCA is continuing to coordinate the development of the Sydenham

Watershed Phosphorus Management Plan with \$50,000 in financial support from Environment and Climate Change Canada.

(e) That the Board of Directors acknowledges the report dated November 25, 2021 on the Sydenham watershed phosphorus management plan.

The monthly planning activity summary report for the month of October, 2021 was reviewed.

(f) That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly planning activity summary report for the month of October, 2021.

The regulations activity summary report on "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" Regulations (Ontario Regulation 171/06) for the month of October, 2021 was reviewed.

(g) That the Board of Directors acknowledges and concurs with the regulations activity summary report on "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" Regulations (Ontario Regulation 171/06) for the month of October, 2021.

The revenue and expenditure report to October 31, 2021 was reviewed.

(i) That the Board of Directors acknowledges the revenue and expenditure report to October 31, 2021, as it relates to the budget.

The October, 2021 disbursements were reviewed.

(j) That the Board of Directors approves the October, 2021 disbursements as presented in the amount of \$365,102.00.

The status report on the 2021 general levy receipts was reviewed.

(k) That the Board of Directors acknowledges the status report on the 2021 general levy receipts to date.

The investment reports to October 31, 2021 were reviewed.

(l) That the Board of Directors acknowledges the investment reports to October 31, 2021.

RAP Coordination

The St. Clair Region Conservation Authority was selected as the winning bid to *Coordinate Data Compilation, Report Writing, and Engagement for Fish Consumption and Habitat Beneficial Use Impairments* for Environment and Climate Change Canada. The initial contract period is now in effect until March 31, 2023, with an optional extension until March 31, 2024.

Meetings

Canadian RAP Implementation Committee (CRIC)

- Next Meeting: January 20, 2022

Fish and Wildlife Populations and Habitat Sub-committee

- November 17, 2021
- Next Meeting: January 2022

Friends of the St. Clair River (FOSCR)

- September 28, 2021
- Next Meeting: December 8, 2021

Outreach and Engagement

The Friends of St. Clair River and the RAP office continue to partner on the production of St. Clair River News, a free monthly e-newsletter. The goal of this newsletter is to increase awareness and engagement in the Area of Concern and highlight environmental initiatives happening in the region.

Links to Recent Newsletters:

- [September 2021 E-Newsletter](#)
- [October 2021 E-Newsletter](#)
- [November 2021 E-Newsletter](#)

Each of the past newsletters can be viewed at friendsofstclair.ca/about-us/newsletters/.

The 2021 St. Clair River Area of Concern Annual Report is now complete. The report highlights some of the key accomplishments for the year, including:

- Redesignation of BUI 4: *Fish Tumours and Other Deformities*,
- AOC Science Symposium Virtual Information Series,
- AOC Story Map,
- New monthly E-Newsletters,
- AOC Video

This is the first Annual Report for the St. Clair River Area of Concern. The report will enter circulation in December.

Strategic Objectives(s):

Goal 2 – Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes.

(m) That the Board of Directors acknowledges the report dated November 26, 2021 on the St. Clair River Area of Concern (AOC).

Item 7.1 (h) regarding the planning and regulation department process for issuing permits was pulled from the consent agenda for further discussion.

BD-21-130

Miller – Loosley

“That the Board of Directors approves the consent agenda and endorses the recommendations accompanying Items 7.1 a - 7.1 m with the exception of 7.1 (h).

CARRIED

This report is written to address the following Business Arising requests from the Board of Directors:

Regarding BD-21-95

Directors request that staff reconsider the recommendation from the Tim Dobbie consultant team to have the staff processing planning applications also issue the permit, to increase efficiency and reduce wait times

Staff Report

Upon review, the recommendations from the Tim Dobbie Consultant report were comprised of the following:

5.1 That the Board of Directors of the St. Clair Region Conservation Authority support the development of memorandums of understanding with all of their municipalities. This is a requirement of changes made by the Province of Ontario with respect to Conservation Authorities. The Board supports that the MOU use would contain all of the necessary technical issues associated with the development application processing, but they would also include all the “principles” of a partnership as developed in this report.

5.2 That the Board of Directors of the St. Clair Region Conservation Authority support increasing the capacity of the complement of staff from the current six to nine. The timing of these 3 staff joining the SCRCA would be subject to the appropriate funding.

5.3 That the Board of Directors of the St. Clair Region Conservation Authority direct staff to consider the cost associated with the addition of 3 new technical employees and other corporate priorities to be funded by increases in both the levy and fees in the draft 2022 and 2023 budget.

5.4 That the Board of Directors support the investigation of additional technologies either from other Conservation Authorities or Municipal partners that might further enhance service delivery.

The comment from the Board of Directors comes from Section 4. E. of the Tim Dobbie report, which looked at comments and practices from 7 comparable Conservation Authorities. This comment is written as follows: *Individual staff members can and should process both planning & permit applications.*

It should be noted that the list from the comparable Conservation Authorities did not specify how many of the CAs follow this practice, or from whom this comment was received. Therefore, SCRCA staff followed up with the comparable Conservation Authorities to gain a better understanding of how this practice plays out at their Conservation Authority. In general, it was found that each comparable Conservation Authority varied slightly in their approach to handling incoming planning & regulation files. The organization of the department largely depended on number of staff, technical expertise, number and types of applications, complement of the department (i.e., ratio of planners to regulations officers).

For information, staff have included the breakdown based on conversations with the comparable Conservation Authorities:

Grand River Conservation Authority

- The planning and regulations department includes 6 Planner positions, 2 Planning Technicians, 3 Regulations Officers, 1 Technical Assistant, 2 Supervisors, 1 Director
- Duties are shared between the planners and regulations officers, however as noted above, there are more planning staff than Regulations staff.

Ausable Bayfield Conservation Authority

- The planning and regulations department includes 1 Director, 1 Regulations Coordinator & Provincial Offences Officer, 1 Planning & Regulations Officer
- Duties are shared among staff, but they are dealing with significantly fewer applications/inquires than the SCRCA. (ABCA processes approximately 200 versus approximately 950 for SCRCA).

Nottawasaga Valley Conservation Authority

- The planning & regulations department includes 1 Director, 1 Manager of Planning, 3 Planners, 3 Regulations Officers, and a Planning & Regulations administration;
- Duties are separated. Planners do not issue regulations permits as a common practice.

Saugeen Valley Conservation Authority

- The planning & regulations department includes 1 Manager of Planning & Regulations, 1 Regulations Coordinator, 3 Regulations Officers, 1 Planning Coordinator, 2 Planning Technicians, 2 Administrative Support Roles
- Planner do not issue regulations permits as a regular practice.

For reference, SCRCA's planning & regulations department includes:

- 1 Director of Planning & Regulations, 1 Manager of Planning & Natural Heritage (Planning Ecologist), 1 Planner, 1 Regulations Officer, 1 Planning & Regulations Clerk, 1 Engineering Technician (Contract position)

Planning Process – SCRCA Involvement

The St. Clair Region Conservation Authority staff provide comments to the Municipalities on applications made under the *Planning Act* within the SCRCA watershed as part of the Provincial One-Window Plan Review service. SCRCA provides comments representing the Provincial interest in regards to Natural Hazards under Section 3.1 of the Provincial Policy Statement, as delegated through the Memorandum of Agreement between Conservation Ontario, the Ministry of Natural Resources and Forestry and Ministry of Municipal Affairs and Housing. SCRCA also provides comments regarding Natural Heritage under Section 2.1 of the Provincial Policy Statement, as agreed with Municipalities within the watershed.

SCRCA review may include:

- Official Plans & Official Plan Amendments
- Zoning By-Laws & Zoning By-Law Amendments
- Plans of Subdivisions and Condominiums
- Site Plans
- Consent to Sever (Severances)
- Minor Variances
- Any other planning activities under the *Planning Act*

The administration of the Regulations and Plan Input and Review are two complimentary, however distinct functions.

The “principle of development” is established through the *Planning Act* approval processes, whereas the Conservation Authorities Act permitting process, similar to the Building Permit process, identifies the specific site requirements prior to activities taking place. For example, the zoning on a property may be changed to eventually permit development, but it is unlikely at the Planning stage to know specific locations, dimensions and construction details.

The SCRCA also provides technical advisory services to its member municipalities for planning applications. In this capacity, SCRCA staff provide technical input regarding potential environmental impacts which applies to a range of matters, including but not limited to, natural hazards, natural heritage and water quality and quantity.

Regulations Process

The SCRCA regulates Section 28 of the Conservation Authorities Act. The regulation is entitled “Development, Interference with Wetlands and Alterations to Shorelines and Watercourses” (O.R. 171/06) and requires the landowner to obtain the permission of the Authority prior to the commencement of a development activity within a regulated area. Regulated areas include river or stream valleys, Great Lakes and large inland lakes’ shorelines, hazardous lands and wetlands. Development activities include: construction, reconstruction or placement of a structure; placement or removal of fill; re-grading; altering a shoreline or watercourse, or impacting the function of a wetland.

At this stage of application, the construction details are known and provided and the works can be reviewed against Ontario Regulation 171/06, to ensure it meets the 5 tests of the regulation (i.e. no impact to flooding, erosion, dynamic beaches, conservation of land, or pollution).

SCRCA Current Process & Recommendations

- The Planning Act application is circulated by the Municipality to SCRCA for comment;
- SCRCA Planner screens the application and confirms with the Municipality/Applicant whether we need to provide comments on the application, along with the applicable fee for comments;
- When planning comments are required, the SCRCA Planner works closely with the Regulations department staff, and Manager of Planning & Natural Heritage to provide comments for the proposal in relation to Section 3.1 (Natural Hazards) and Section 2.1 (Natural Heritage), Ontario Regulation 171/06, and Source Water Protection
- When working through a subdivision application, SCRCA works with Municipal staff and applicant to have conditions (i.e., flood-proofing, grading, setbacks, etc.) incorporated into the subdivision agreement so that each individual lot does not require a separate permit through the Regulation.

At present, and noted above, the SCRCA has only two staff to process all Planning Act applications and Official Plan and Zoning By-Law update from its 17 member Municipalities. Planning Act applications have strict deadlines that must be met so that the application can proceed to Council. At present, having the Planner involved with permitting would result in unwanted delays in analyzing planning applications.

Planning and Regulations staff review two separate sets of legislations (PPS and Ontario Regulations 171/06). This is similar to the Municipal Planning and Building Departments. SCRCA staff have divided the workload to appropriate staff to handle all incoming planning applications and separate staff to handle all incoming permitting applications. In addition, SCRCA Regulations Officers undergo compliance training offered by Conservation Ontario and are approved as Regulations Officers under the Conservation Authorities Act by the Board of Directors. The training provides the level of expertise and legal review needed in order to understand the implications and liabilities for issuing

permits under Section 28 of the Conservation Authorities Act, and to be able to follow up appropriately if legal action is required. Planning staff would be required to undergo this training in order to properly issue permits.

Regarding BD-21-96

Also, that staff investigate the possibility of delegating the review and processing of simple planning applications to County staff.

As per Ontario Regulation 171/06 <https://www.ontario.ca/laws/regulation/060171>

3 (3) Subject to subsection (4), **the Authority's executive committee, or one or more employees of the Authority that have been designated by the Authority for the purposes of this section**, may exercise the powers and duties of the Authority under subsections (1) and (2) with respect to the granting of permissions for development in or on the areas described in subsection 2(1). O. Reg 83/13, s. 2.

6 (3) Subject to subsection (4), **the Authority's executive committee, or one or more employees of the Authority that have been designated by the Authority for the purposes of this section**, may exercise the powers and duties of the Authority under subsections (1) and (2) with respect to the granting of permissions for alteration. O. Reg. 83/13, s. 4 (2).

In addition to the above, when the mandatory program and service regulation comes into force January 1, 2022, SCRCA will be further obligated to administer the Section 28 Regulation of the Conservation Authorities Act.

<https://www.ontario.ca/laws/regulation/210686#BK8>

8. An Authority shall provide programs and services to ensure that the Authority carries out its duties, functions and responsibilities to administer and enforce the following:

- 1. Section 28 of the Act*
- 2. The regulations made by the Authority under Section 28 of the Act*
- 3. Section 28.0.1 of the Act*
- 4. Section 30.1 of the Act*

It is important that the implementation of the Regulation remain consistent among the 36 Conservation Authorities. Basic permits or clearances still involve a review of the Conservation Authority mapping, elevations, flood and erosion information, and still require that buildings and structures are flood-proofed or set back from watercourses/banks/bluffs. Ultimately, it is the SCRCA that takes liability for permits issued with regards to Section 28 of the Conservation Authorities Act.

Directors Comments:

Director Mike Stark enquired whether fees are collected from Municipalities for

consultation services and technical comments. Director of Planning and Regulations, Melissa Deisley explained that fees are not collected for this purpose as this service is covered through general levy. Director Mike Stark requests that this be considered as a potential revenue source and be included within the cost recovery analysis that is expected to be brought forward to the February Annual General Meeting.

Director of Planning and Regulations, Melissa Deisley was called to speak on the request to investigate whether Lambton County planning staff could assist with the processing of permits. It was explained that as per the Conservation Authorities Act, only Conservation Authority staff members are authorized to issue permits for works under Ontario Regulation 171/06 and therefore, it cannot be delegated. Directors Mike Stark and Brad Loosley request that staff explore whether the initial processing of simple permit applications can be delegated, with only SCRCA staff providing final approval and to report on the possibility of this at the February Annual General Meeting.

BD-21-131

Stark – Burrell

“That the Board of Directors acknowledges the report dated November 25, 2021 regarding the planning and regulation department process for issuing permits.”

CARRIED

WECI 2021-2022 Projects:

Structure	Project Name	Description of Work	Status
1) Sarnia Shoreline Protection	Shoreline Repair (Helen and Kenwick St) Phase 3A	Carry out Shoreline stabilization for Phase 3A	Completed April 2021
2) Head Street/ Coldstream Dams	Decommissioning Study	Decommissioning study for the Head street and Coldstream dams	RFPs have been forwarded to Consulting Engineering firms

3) Engineering inspection of Authority Structures:

SCRCA has received 3 proposals from consulting engineers that includes:

- 1) Engineering inspection of all authority owned structures
- 2) Operating criteria review for the McKeough Dam

Consulting company	Total cost
True Consulting	\$28,339
ARIK Engineering	\$33,500
Western University	\$28,000

SCRCA staff recommend the project be awarded to True Consulting at a cost of \$28,339 +H.S.T

BD-21-132

Faas – Mackinnon

“That the Board of Directors acknowledges the report dated November 25, 2021 on the updates to the WECI projects across the watershed and further approves the General Manager to award the project to the preferred consultant.”

CARRIED

Correspondence from the Corporation of the Town of Dawn-Euphemia, Dated November 3, 2021 was reviewed. No further comments were received.

BD-21-133

McMillan – Burrell

“That the Board of Directors acknowledges the verbal summary of comments received to date on the 2022 draft budget.”

CARRIED

Municipal Funding Summary	2022 Budget Total CVA Apport.%	2022 Budget CVA Apport. %	Representative	y/n Vote
Municipality				
Adelaide Metcalfe	1.9016%	1.9016%	Betty Ann MacKinnon	y
Brooke-Alvinston	1.7572%	1.7572%	Frank Nemcek	n
Chatham-Kent		6.4912%	Joe Faas	y
Chatham-Kent	12.9823%	6.4912%	Aaron Hall	y
Dawn-Euphemia	2.6763%	2.6763%	Alan Broad	n
Enniskillen	1.9540%	1.9540%	Kevin Marriott	y
Lambton Shores	5.0154%	5.0154%	Lorie Scott	y
Middlesex Centre	2.2538%	2.2538%	Dan MacMillan	y
Newbury	0.1538%	0.1538%	Mark McGill	y
Oil Springs	0.1979%	0.1979%	Kevin Marriott	y
Petrolia	2.5846%	2.5846%	Brad Loosley	n
Plympton-Wyoming	5.5078%	5.5078%	Tim Wilkins	n
Point Edward	2.1578%	2.1578%	Larry Gordon	y
Sarnia		12.4521%	Terry Burrell	y

Sarnia		12.4521%	Mike Stark	y		
Sarnia	37.3562%	12.4521%	Bill Dennis	y		
Southwest Middlesex	1.1704%	1.1704%	Mark McGill	y		
St. Clair		5.6279%	Pat Brown	y		
St. Clair	11.2558%	5.6279%	Steve Miller	y		
Strathroy-Caradoc		4.4015%	Frank Kennes	y		
Strathroy-Caradoc	8.8030%	4.4015%	John Brennan	y		
Warwick	2.2722%	2.2722%	Jerry Westgate	y		
	100%	100%				
					87.474%	Yes
					12.526%	No
Total of CVA Levy Apportionment Present					100.000%	Total
Vote Passed By					87.474%	

BD-21-134

Burrell – Miller

“That the Board of Directors approves the 2022 budget of \$9,596,597 with a non-matching general levy of \$1,217,513 with all member municipalities deemed as benefitting and further that the levy be apportioned using the modified current value assessment of each municipality within the Authority’s area of jurisdiction.”

CARRIED

Recorded Vote

In reference to Motion: BD-21-135

Director’s Name	For	Against
Brennan, John	✓	
Broad, Alan		✓
Brown, Pat	✓	
Burrell, Terry	✓	
Dennis, Bill	✓	
Gordon, Larry	✓	
Hall, Aaron	✓	
Kennes, Frank	✓	
Loosley, Brad		✓
MacKinnon, Betty Ann	✓	

Marriott, Kevin	✓	
McGill, Mark	✓	
McMillan, Dan	✓	
Miller, Steve	✓	
Nemcek, Frank		✓
Scott, Lorie	✓	
Stark, Mike	✓	
Westgate, Jerry	✓	
Wilkins, Tim		✓
Faas, Joe	✓	
TOTALS	16	4

A recorded vote was requested by Director Mike Stark.

BD-21-135

Burrell – Kennes

“That the Board of Directors approves the 2022 budget of \$9,596,597 with a municipal matching general levy of \$161,000 including finalized modified current value assessment values, updates to specific projects and municipal comments received to date.”

CARRIED

The schedule of proposed 2022 fees was reviewed.

Directors Comments:

Directors Mike Stark and Brad Loosley enquired request that the cost recovery analysis identifies the following

- The percentage increase for fees needed to achieve 100% cost recovery
- A comparison of neighbouring Conservation Authorities (CAs)
- The percentage difference between SCRCA fees and those of neighbouring CAs
- Various scenarios with cost recovery at 100%, and 75% etc.

BD-21-136

Mike – Kennes

“That the Board of Directors acknowledges receipt of the 2022 proposed fees and further approves the fee schedule as presented.”

CARRIED

The following documents be scheduled for destruction in accordance with the St. Clair Region Conservation Authority Official Records and Retention Policy (section 25 of the General Administration Manual)

Documents to be destroyed:

- 2014 accounts payables, including government remittances, OMERS remittances, group benefit remittances and property tax remittances.
- 2014 deposits, including camping deposits and invoices
- 2013-2015 vehicle inspection sheets

The current retention policy states that accounts payable and accounts receivable documents are to be retained for 7 years. The current retention policy states that vehicle records are to be retained for 6 years.

BD-21-137

Burrell – Kennes

“That the Board of Directors acknowledges the report dated November 24, 2021 regarding document retention and approves the destruction of the identified documents as per the SCRCA Document Retention Policy.”

CARRIED

The following surplus equipment has no value, and will be disposed of:

Lexmark 543dn Printer

S/N 9468NNZ, surplus

Donated (no value)

Desktop PC C0090

11 years old, 32-bit machine, not compatible

Donated (no value)

Desktop PC C1702

non-functioning

Donated (no value)

Microwave

non-functioning

Electronics disposal

BD-21-138

Kennes – Gordon

“That the Board of Directors acknowledges the report dated November 24, 2021 regarding the disposal of nonessential and surplus equipment and approves the disposal method as outlined.”

CARRIED

Recommendations from Medical Officers of Health

A number of medical officers of health across various public health units have now issued some form of “advice, recommendation, or instruction” on the topic of workplace vaccination policies.

Many of our community partners as well as municipalities throughout the province have implemented such a policy and require attestations from organizations performing work on their properties. Additionally, Middlesex-London Medical Officer and Lambton County’s Acting Medical Officer of Health have strongly recommended that all employers

implement mandatory COVID-19 vaccination policies within their workplaces, subject only to human rights considerations.

Since the start of this pandemic, the health and safety of our employees and the public we serve has been a priority. The SCRCA has followed Public Health guidelines and implemented measures in our workplaces such as wearing masks/face coverings, physical distancing, hand hygiene and increased cleaning practices. However, the COVID-19 virus and its variants continue to present a risk in our community and workplaces.

SCRCA and SCRCA Board Members have a duty and commitment to protect the health and safety of its employees and those it supports.

Further to this policy a Visitor and Contractor vaccine policy will be developed as we move to reopening, returning to the office and face-to-face meetings.

Vaccination Policy – Board Members - Draft – October 21, 2021

PURPOSE

St. Clair Region Conservation Authority (SCRCA) has an obligation to take all necessary precautions to protect the health and safety of its workforce, and recognizes the importance of immunization to reducing the risk of serious infection and transmission of infection among employees and those it supports. To that end, we will strive to do everything we reasonably can to fight COVID-19.

SCRCA expects all Board Members to receive the COVID-19 vaccine.

APPLICATION

This Policy applies to all SCRCA Board Members, attending in-person Meetings.

EFFECTIVE DATE

This Policy is to take effect immediately.

POLICY REQUIREMENTS:

Board Members and Directors

Will be required to be fully vaccinated as a condition of appointment to the Board and provide proof, within 48 hours of the schedule in-person meeting. If not fully vaccinated will not be able to attend in-person meetings and will not be entitled to compensation including per diem and mileage.

In the event that you experience any of the COVID-19 identified symptoms as per Ontario Ministry of Health it is your duty to not attend the meeting. If symptoms develop after the

meeting you must report your COVID-19 test results to the Board Coordinator for contact tracing purposes immediately.

Important notes:

Board Members/Directors who submit false test results will be subject to disciplinary action up to and including removal from the Board.

“full vaccination” means having received the full series of a COVID-19 vaccine or combination of COVID-19 vaccines approved by Health Canada (e.g., two doses of a two-dose vaccine series, or one dose of a single-dose vaccine series); and having received the final dose of the COVID-19 vaccine at least 14 days prior to the meeting/event.

Directors Comments:

Director Terry Burrell brought forth concerns regarding the lack of definition for the term ‘*fully vaccinated*’ and the changing requirements as the Province moves toward the need for COVID-19 vaccination boosters. It is also noted that the document does not address persons who are unable to be vaccinated. Directors and SCRCA staff agree that the COVID-19 Board Vaccination Policy is a living document and can be amended as needed. Questions arose regarding the ability of SCRCA to host hybrid in-person/virtual meetings. Director Terry Burrell requested a friendly amendment to the motion stating that the ability to attend meetings virtually be extended to the end of the current term and that a report be provided by staff on the possibility of hosting hybrid meetings going forward. General Manager, Ken Phillips stated that this will likely be addressed within an administrative-based policy.

BD-21-139

Kennes – Westgate

“That the Board of Directors acknowledges and supports the draft COVID-19 Board Vaccination Policy, as presented and approves implementation of the board policy effective immediately, and directs staff to develop policies for visitors and contractors and further that SCRCA allow Board members to participate electronically for the remainder of the current term and that a report be provided on the possibility of hosting hybrid meetings going forward.”

CARRIED

The summary of proposed changes to the Administration Manual was reviewed.

BD-21-140

Loosley – Gordon

“That the Board of Directors acknowledges the summary of proposed changes to the Administration Manual and further approves the changes as outlined.”

CARRIED

The Highland Glen Conservation Area was purchased by SCRCA in 1976 and 1977 to

provide public access to the Lake Huron shoreline. It comprises approximately 26 acres of predominantly wooded land. Situated on the Lake Huron shoreline, it is located in Plympton-Wyoming, approximately 10km west of the Town of Forest. The Conservation Area contains an access roadway, parking lot, pavilion, and boat ramp with seawall and groyne protection. The boat ramp remains closed at this time due to facility damage and safety concerns.

In October of 2021, the Highland Glen Boat Ramp Committee was formed to evaluate the Authority's options including review of the funding model, review of AECOM's report, and to develop recommendations for the full Board's review.

November 29, 2021 Highland Glen Boat Ramp Committee Meeting:

The Highland Glen Boat Ramp Committee convened at the Highland Glen CA for a site visit followed by a meeting at the Camlachie Fire Hall. The committee reviewed reports on the Authority Conservation Area funding model, the history of the Highland Glen CA, and the AECOM report on the Highland Glen boat ramp.

The Committee passed the following motion, including recommendations for the full Board's review.

Stark – Loosley

"That the Committee recommends to the SCRCA Board of Directors the re-designation of the Highland Glen Conservation Area from a Regional to Local Conservation Area and that the property ownership and maintenance be ceded to the Municipality of Plympton-Wyoming through steps as recommended by Administration using the McEwen property as a model, under the same condition that the lands remain a public domain and further, that no funding, beyond the approved 2022 budget, be provided by the Authority to rehabilitate the boat launch."

CARRIED

Financial Impact:

The Authority would move forward with 2022 budgeted repairs at Highland Glen CA, including beach access stairs (\$10,000), West Breakwater damage repair (\$9,000), and Northeast Breakwater damage repair (\$12,000).

All costs associated with the transition of ownership would be the responsibility of the Town of Plympton-Wyoming.

Directors Comments:

Director Tim Wilkins provided a verbal update on behalf of Plympton-Wyoming council and stated that the township has voted in favour of taking on ownership and maintenance of the Highland Glen Conservation Area.

It was clarified for Directors that SCRCA will be committing a maximum of \$31,000, as per the approved 2022 budget, toward the boat launch repairs.

BD-21-141

Pat - Dennis

“That the Board of Directors change the designation of Highland Glen Conservation Area from a regional Conservation Area to a local/rural Conservation Area for 2022 and beyond.”

CARRIED

BD-21-142

Stark – Loosley

“That the Board of Directors accepts the recommendation of the Highland Glen Committee and directs staff to begin discussions with the Town of Plympton-Wyoming regarding the transition of ownership of the Highland Glen Conservation Area to the Municipality.”

CARRIED

BD-21-143

Loosley – McGill

“Whereas it is important to find a location for Peacekeeper Park, therefore that it be resolved that if Plympton-Wyoming negotiations break down that the Highland Glen Conservation Area be negotiated and leased to the Peacekeeper Park Association, with the usual necessary safety precautions outlined within an agreement.”

WITHDRAWN

A presentation on Peacekeeper Park was given by Sarah Duplisea.

Directors Comments:

Directors expressed thanks to Ms. Duplisea for her presentation of Peacekeeper Park. Clarifications were made regarding the needs of Peacekeeper Park in regards to water access, funding and liability insurance.

Recorded Vote
In reference to Motion: BD-21-144

Director's Name	For	Against
Brennan, John		✓
Broad, Alan		✓
Brown, Pat		✓
Burrell, Terry	✓	
Dennis, Bill	✓	
Gordon, Larry		✓
Hall, Aaron		✓
Kennes, Frank		✓
Loosley, Brad	✓	
MacKinnon, Betty Ann	(Not present at time of vote)	
Marriott, Kevin	✓	
McGill, Mark		✓
McMillan, Dan		✓
Miller, Steve		✓
Nemcek, Frank		✓
Scott, Lorie	✓	
Stark, Mike		✓
Westgate, Jerry		✓
Wilkins, Tim		✓
Faas, Joe		✓
TOTALS	5	14

A recorded vote was requested by Terry Burrell

BD-21-144

Loosley – Burrell

“Whereas the SCRCA staff cannot find a suitable location for the Peacekeeper Park, therefore be it resolved that the staff, along with Ms. Duplisea, visit all of our waterfront locations to see if they can find an area that would be suitable and report back to the board.”

DEFEATED

BD-21-145**Miller – Faas**

“That the Board of Directors acknowledges the presentation on the topic of Peacekeeper Park as presented by Sarah Duplisea, Administrative Assistant/Treasurer of Peacekeeper Park.”

CARRIED

Peacekeeper Park is a not-for-profit organization dedicated to honouring and paying tribute to Canadian peacekeepers and emergency first response personnel through various initiatives including public memorials, public programming, youth camps and youth programming. It attracts many visitors to its site.

Peacekeeper Park most recently operated out of lands owned and operated by the Kettle Creek Conservation Authority and their lease with the Authority has expired. The organization is now looking for alternate lands capable of housing their facilities and amenities and hosting their activities. Specifically, Peacekeeper Park is looking for lands large enough (approximately 20 acres), on or near a body of water, to accommodate, amongst other assets, the following:

- a memorial to the fallen,
- four (4) cabins capable of accommodating twelve (12) campers each,
- staff/volunteer quarters (accommodations),
- a kitchen,
- a dining hall,
- a boardroom
- various outdoor amenities and equipment such as a climbing wall, archery range, and agility/fitness courses.

Upstream McKeough Agricultural Lands

The St. Clair Region Conservation Authority McKeough Upstream lands do not currently meet the criteria the Peacekeeper Park group is looking for. None of the lands have services such as electricity, potable water, or sanitary systems. These lands were acquired due to flooding that occurs during the operation of the W. Darcy McKeough Dam. These lands are either natural or pre-existing agriculture lands. New 5-year agricultural leases were implemented in 2021 for all agricultural properties. This revenue is used to manage, make improvements, and pay fixed expenses for the lands. In some cases, the lands have passive recreation and/or provide hunting opportunities through a permitting process during the various hunting seasons.

Conservation Areas

SCRCA’s Conservation Areas provide recreational opportunities such as hiking,

picnicking, fishing, camping, and beach access to the general public. SCRCA's Conservation Areas do not have the acreage requested for lease by Peacekeeper Park without significantly reducing or eliminating the area available to the general public. Reducing public access to Conservation Areas would not align with SCRCA's core mandate to provide passive recreation opportunities to the public.

Agricultural lands within Conservation Areas are currently leased to agricultural tenants. It would be difficult to service these areas as hydro usage is at capacity at the campgrounds. Agricultural lands are leased for between \$133 and \$200 per acre and provide a much needed revenue stream for the Conservation Areas.

The Peace Keeper Park group recently sent a letter dated October 28, 2021 specifically identifying Highland Glen Conservation Area as a potential property for their new location. Highland Glen CA was acquired to provide public access to Lake Huron, which is limited from Sarnia through the Plympton-Wyoming area. This is a popular picnicking and beach attraction with limited day use space. Reducing or eliminating public access would not align with SCRCA's core mandate to provide passive recreation opportunities to the public.

Highland Glen CA is entirely within SCRCA's regulated area for Lake Huron Shoreline Hazards and Riverine Hazards. Development at this location would be subject to geotechnical engineering review, coastal review, and/or floodplain analysis to ensure development would not impact or be impacted by flooding and erosion hazards on the property. Plympton-Wyoming's current zoning indicates the property is zoned H (hazard). This designation does not permit buildings or structures to be erected on the property.

Strategic Objectives(s):

Goal 2 – Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes.

Management of Authority Owned Lands: Through the completion of Property Management Plans, the Authority continues to manage its lands to balance revenue production and effective management of woodlands, wetlands, and bio-diversity.

Financial Impact:

Staff have not identified a suitable location at this time. As a result, discussions with Peacekeeper Park regarding lease details have not occurred. The financial impacts of a lease agreement are difficult to determine at this time given several variables:

- Who would assume the cost to provide all sufficient services to the property and buildings?
- If the agreement is terminated, who would assume the costs to decommission the services?
- Potential current revenue lost depending on location
- Would there be a revenue stream from the Peacekeeper Park group?

BD-21-146

Broad – Stark

“That the Board of Directors acknowledge the staff report on possible locations to lease land to Peacekeeper Park, and that the SCRCA does not have available lands that meet the requirements provided by Peacekeeper Park.”

CARRIED

Correspondence from the Glencoe and District Historical Society, dated November 13, 2021 was reviewed.

Directors Comments:

Director Frank Nemcek provided a verbal report regarding the A.W. Campbell House Museum. A committee has been formed and a contractor has offered to make repairs to the leaking roof. The committee continues to look into costs and potential grants available to cover the costs. Further updates will be provided in the coming months.

BD-21-147

Dennis – Who

“That the Board of Directors acknowledges receipt of the correspondence dated November 13, 2021 from the Glencoe and District Historical Society.”

CARRIED

BD-21-148

Faas – Burrell

“That the Board of Directors move in-camera at 12:02 p.m. to discuss conservation awards and personnel information with the General Manager, Manager of Communications, Director of Finance, Manager of IT and Administrative Assistant/ Board Coordinator remaining.”

CARRIED

BD-21-149

Wilkins – Dennis

“That the Board of Directors rise and report at 12:17a.m.”

CARRIED

Under New Business

Director Tim Wilkins enquired regarding a previously made request to have SCRCA Planning staff meet with Plympton-Wyoming staff members to provide a tutorial of the website, mapping tools and determining floodlines. General Manager, Ken Phillips stated that an update will be provided at the next meeting.

BD-21-150

Burrell – Brown

“That the meeting be adjourned.”

CARRIED



Lorie Scott
Chair

Ken Phillips
General Manager



Executive Committee Meeting Minutes

Date: February 10, 2022

Time: 10:30 a.m.

Remote

Members Present: John Brennan, Vice-Chair; Terry Burrell, Frank Kennes, Brad Loosley, Betty Ann MacKinnon, Mark McGill, Steve Miller, Mike Stark

Regrets: Lorie Scott, Chair

Staff Present: Donna Blue, Manager of Communications; Erin Carroll, Director of Biology; Chris Durand, Manager of IT/ GIS; Ashley Fletcher, Administrative Assistant/Board Coordinator; Sarah Hume, Payroll/Accounting Clerk; Ken Phillips, General Manager; Tracy Prince, Director of Finance; Girish Sankar, Director of Water Resources; Greg Wilcox, Manager of Lands

Guests: Ashley Didone, Jordan Keuken, MNP LLP

Vice-Chair, John Brennan welcomed everyone to the meeting and gave his remarks. It was requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest. A special welcome was given to guests Ashley Didone and Jordan Keuken of MNP LLP.

EC-22-01

MacKinnon – Loosley

“That the Executive Committee adopts the agenda for the meeting as presented.”

CARRIED

The report on business arising was reviewed.

EC-22-02

Loosley – MacKinnon

“That the Executive Committee acknowledges the updates on business arising from the December 9, 2021 meeting.”

CARRIED

A presentation on the 2021 financial statements was given by Ashley Didone and Jordan Keuken of MNP LLP.

Directors Comments:

It is requested that financial statements be provided in advance of future Executive Committee meetings and that they be held in confidence until made public at the Annual General Meeting.

EC-22-03

Burrell – Miller

“That the Executive Committee acknowledges the report from the Authority’s auditors, MNP Chartered Professional Accounts, LLP and accepts responsibility for the 2021 financial statements and the Statement of Continuity of Reserves and Reserve Funds and year end finances and further approves the year-end adjustments, reserves and reserve adjustments as outlined in the schedule dated December 31, 2021 and recommends that the Board of Directors approves the 2021 Audited Financial Statements.”

CARRIED

The list of November and December, 2021 disbursements were reviewed.

EC-22-04

Burrell – Kennes

“That the Executive Committee approves the November and December, 2021 disbursements, as presented in the amount of \$913,040.81.”

CARRIED

The report on the 2021 municipal general levy was reviewed.

EC-22-05

Miller – Stark

“That the Executive Committee acknowledges that all 2021 municipal general levy has been received.”

CARRIED

The list of 2021 director’s expenses was reviewed.

EC-22-06

MacKinnon – Burrell

“That the Executive Committee acknowledges the Status Summary report on Directors’ expenses from January 1 to December 31, 2021.”

CARRIED

The minutes of the Flood Action Committee meeting, held on January 13, 2022 were reviewed.

EC-22-07

Kennes – Burrell

“That the Executive Committee acknowledges the draft minutes of the Flood Action Committee held on January 13, 2022, held remotely.”

CARRIED

Under New Business

Directors Comments:

A report with recommendations for the accessibility of committee meetings and their minutes is to be brought forth to a future meeting.

EC-22-08

Stark – Loosley

“That the Executive Committee directs staff to open and/or live-stream the meetings of all Authority Committees and further that the minutes of such meetings be published and made accessible to the public.”

WITHDRAWN

General Manager, Ken Phillips informed the Executive Committee of correspondence received regarding the appointment of an additional board member, representing the agricultural sector within the watershed. This position is currently posted on SCRCA social media platforms and the successful candidate will be appointed by the Ministry of Environment, Conservation and Parks (MECP). This particular role on the board of directors will have certain limitations, such as the inability to vote on the budget. Further clarification is being sought from the Ministry.

Director Brad Loosley commented on the successful application to the Federation of Canadian Municipalities, granting SCRCA \$50,000 towards asset management planning activities

EC-22-09

Burrell – Kennes

“That the meeting be adjourned.”

CARRIED

John Brennan
Vice-Chair



Ken Phillips
General Manager

**CONSERVATION ONTARIO COUNCIL MINUTES
December 13, 2021 (Meeting via Zoom)**

Voting Delegates Present:

Chair: Andy Mitchell, Otonabee

Brian Horner, Ausable Bayfield
Alan Revill, Cataraqui Region
Katrina Furlanetto, Cataraqui Region
Chris Darling, Central Lake Ontario
Karen Ras, Credit Valley
Deb Martin-Downs, Credit Valley
Quentin Hanchard, Credit Valley
Catherine Redden, Crowe Valley
Tim Pidduck, Crowe Valley
Linda Laliberte, Ganaraska Region
Chris White, Grand River
Samantha Lawson, Grand River
Scott Greig, Grey Sauble
Tim Lanthier, Grey Sauble
Moya Johnson, Halton
Hassaan Basit, Halton
Lisa Burnside, Hamilton
Andy Letham, Kawartha
Mark Majchrowski, Kawartha
Elizabeth VanHooren, Kettle Creek
Wayne Emmerson, Lake Simcoe Region
Rob Baldwin, Lake Simcoe Region
Tammy Cook, Lakehead Region
Michael Columbus, Long Point Region
Judy Maxwell, Long Point Region

Eric Sandford, Lower Trent
Rhonda Bateman, Lower Trent
Dave Turton, Maitland Valley
Janet Mason, Mississippi Valley
Jeff Atkinson, Mississippi Valley
Bruce Mackenzie, Niagara Peninsula
Carl Jorgensen, Nickel District (Con.Sudbury)
Mariane McLeod, Nottawasaga Valley
Gail Little, Nottawasaga Valley
Doug Hevenor, Nottawasaga Valley
Andy Mitchell, Otonabee Region
Dan Marinigh, Otonabee Region
James Flieler, Quinte Region
Sommer Casgrain-Robertson, Rideau Valley
Jennifer Stephens, Saugeen Valley
Corrina Barrett, Sault Ste Marie Region
George Darouze, South Nation
Angela Coleman, South Nation
Lori Scott, St. Clair Region
Ken Phillips, St. Clair Region
Jennifer Innis, Toronto and Region
John Mackenzie, Toronto and Region
Alan Dale, Upper Thames River
Tracy Annett, Upper Thames River

Guests:

Dusty Underhill, Catfish Creek
Brad McNevin, Quinte
Phil Beard, Maitland Valley
Bill Smirle, South Nation

Members Absent:

Essex Region
Mattagami Region
Lower Thames Valley

CO Staff:

Deborah Balika
Amber Brant
Kristin Bristow
Nicholas Fischer
Bonnie Fox
Kim Gavine
Jane Lewington

Lauren McPherson
Nekeisha Mohammed
Patricia Moleirinho
Leslie Rich
Jo-Anne Rzaeki
Rick Wilson

1. Welcome from the Chair

Chair Mitchell welcomed everyone in attendance.

2. Adoption of the Agenda

**#61/21 Moved by: Alan Dale
Seconded by: Karen Ras**

THAT the Agenda be adopted.

CARRIED

3. Declaration of Conflict of Interest

There was none declared.

4. Approval of the Minutes of the Previous Meeting

**#62/21 Moved by: Karen Ras
Seconded by: Jeff Atkinson**

THAT the minutes from the September 2021 meeting be approved.

CARRIED

5. Business Arising from the Minutes

There was none.

6. Motion to move from Full Council to Committee of the Whole

**#63/21 Moved by: Alan Revill
Seconded by: Carl Jorgensen**

THAT the meeting now move from Full Council to Committee of the Whole.

CARRIED

7. Items for Discussion

a. Advancement of CA Collaboration with Indigenous Communities: Update on Current Projects that include Integrated Watershed Management and enhancing Flood Mapping Capacity

Keri-Anne Charles Norris and Jo-Anne Rzaszki provided an update and presentation that is attached to the minutes.

**#64/21 Moved by: Jeff Atkinson
Seconded by: Eric Sandford**

THAT Conservation Ontario Council receives this report as information and a means of enhancing our understanding of this initiative's importance.

AND THAT in support of Conservation Ontario's 2021-25 Strategic Plan, Conservation Ontario Council continues to support the meaningful pursuit of building Respectful, Reciprocal Relationships with the Indigenous Peoples and Communities within and surrounding the CA watersheds in Ontario.

CARRIED

b. General Manager's Report

Kim Gavine presented the report.

**C.W. #65/21 Moved by: Alan Dale
Seconded by: Hassaan Basit**

THAT Council receives this report as information.

CARRIED

c. 2022 Conservation Ontario Council Meeting Dates

Kim Gavine presented the report.

**C.W. #66/21 Moved by: Mike Columbus
Seconded by: Lisa Burnside**

THAT the 2022 Conservation Ontario Council meeting schedule be adopted.

CARRIED

d. Budget Status Report for the period ending October 31, 2021

Kim Gavine presented the report on the budget status to October 31, 2021.

**C.W. #67/21 Moved by: Bruce Mackenzie
Seconded by: Linda Laliberte**

THAT Council receives this report as information.

CARRIED

e. Proposed Development of Standard Operating Procedures for Provincial Offences Officers

Leslie Rich presented the report.

**C.W. #68/21 Moved by: John Mackenzie
Seconded by: Chris Darling**

THAT Council receives this report as information.

CARRIED

f. Phase 1 Regulations under the Conservation Authorities Act and Update on CO Activities

Bonnie Fox provided an update and presentation which is attached to the minutes.

C.W. #69/21 Moved by: Eric Sandford
Seconded by: Catharine Redden

THAT Council receives this report as information.

CARRIED

g. Update on the Conservation Ontario Governance Accountability and Transparency Initiative

Bonnie Fox presented the report.

C.W. #70/21 Moved by: Andy Letham
Seconded by: John Mackenzie

THAT Council receives this report as information.

CARRIED

h. Update on the Conservation Ontario Client Service and Streamlining Initiative and Proposed 2022 Interim Workplan

Leslie Rich provided an update and presentation which is attached to the minutes.

There was a recommendation from Council that CO staff highlight key files for 2022 with regard to funding at the AGM in April 2022.

C.W. #71/21 Moved by: Scott Greig
Seconded by: Chris Darling

THAT Council endorse the interim 2022 Workplan for the Conservation Ontario Client Service and Streamlining Initiative.

CARRIED

Consent Items:

C.W. #73/21 Moved by: Mike Columbus
Seconded by: Eric Sandford

THAT Council approve the consent agenda and endorse the recommendations accompanying Consent Items 7.i-m and 7.ni-niv.

CARRIED

- i. Conservation Ontario's comments on "Minister's Order for temporary suspension of protection upon the listing of Black Ash under the Endangered Species Act" (ERO#019- 4278) and "Amendments to Ontario Regulation 242/08 (General Regulation – Endangered Species Act, 2007) relating to upcoming changes to the Species at Risk in Ontario List" (ERO#019-4280) THAT Conservation Ontario's comments on "Minister's Order for temporary suspension of protection upon the listing of Black Ash under the Endangered Species Act" (ERO#019-4278) and "Amendments to Ontario Regulation 242/08 (General Regulation – Endangered Species Act) relating to upcoming changes to the Species at Risk in Ontario List" (ERO#019-4280) submitted to the Ministry of the Environment, Conservation and Parks on November 5th, 2021, be endorsed.**

- j. Conservation Ontario’s comments on the “Proposed Additional Delegation of Planning Decisions” (ERO#019-4419)**
THAT a letter be sent to the new Minister Environment and Climate Change Canada (ECCC) at the earliest opportunity of their mandate requesting increased funding for Great Lakes protection.
- k. Conservation Ontario’s comments on “Modernization of the Issuance of Licences to Collect Fish for Scientific Purposes”**
THAT Conservation Ontario’s comments on “Modernization of the Issuance of Licences to Collect Fish for Scientific Purposes” submitted to the Ministry of Northern Development, Mines, Natural Resources and Forestry on November 25, 2021 be endorsed.
- l. Update on Green Infrastructure Ontario Coalition**
THAT CO Council thank Deborah Martin-Downs for her participation as CO representative on the GIO Steering Committee;
AND THAT CO Council endorses Jo-Anne Rzadki (CO) as the new representative for CO on the GIO Steering Committee.
- m. Conservation Ontario Representatives for Lake Ontario and Lake Huron Partnership Management Committees**
THAT Chandra Sharma (Niagara Peninsula Conservation Authority) and Doug Hevenor (Nottawasaga Valley Conservation Authority) be endorsed as Conservation Ontario’s representatives on the Lakewide Partnership Management Committees for Lake Ontario and Lake Huron, respectively.
- n. Program Updates**
 - i. Business Development and Partnerships Program Update
THAT Council receives this report as information.
 - ii. Marketing and Communications Program Update
THAT Council receives this report as information.
 - iii. Drinking Water Source Protection Program Update
THAT Council receives this report as information.
 - iv. Information Management Program Update
THAT Council receives this report as information.

14. Motion to Move from Committee of the Whole to Full Council

#74/21 **Moved by: Karen Ras**
 Seconded by: Bruce Mackenzie

THAT the meeting now move from Committee of the Whole to Full Council

CARRIED

15. Council Business – Council Adoption of Recommendations

#75/21 **Moved by: Mariane McLeod**
 Seconded by: Alan Dale

THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations: C.W. #61/21 to C.W. #74/21.

CARRIED

16. New Business

Angela Coleman asked about the current protocols for remote meetings of CA Boards with respect to Emergency Orders and suggested that CO staff may want to revisit the Administrative By-law Model and provide an update if necessary.

18. Adjourn

**#76/21 Moved by: John Mackenzie
 Seconded by: Hassaan Basit**

THAT the meeting be adjourned.

CARRIED



Employee Acknowledgment Of Code Of Conduct & General Administration Manual

Board Approved General Administration Manual – June 25, 2015

I hereby acknowledge that I have received and read St. Clair Region Conservation Authority Employee Code of Conduct contained in Section 2 of the General Administration Manual and that I am fully aware of its terms. I also agree to read and comply with all policies adopted by St. Clair Region Conservation Authority's.

I understand that compliance with this Code and all policies adopted by St. Clair Region Conservation Authority is a condition of employment. I understand that if I fail to comply with this Code or other published policies of St. Clair Region Conservation Authority's or applicable laws, it will be addressed and I may be subject to disciplinary action, including a warning, revision of responsibilities, suspension, or dismissal.

I understand that St. Clair Region Conservation Authority from time to time may issue policies which also govern employee conduct. I confirm that I will comply with all provisions of the Code of Conduct and adopted policies.

Director Name: _____

Director Signature: _____ Date: _____

February 10, 2022

The 2021 St. Clair Region Conservation Authority Nominating Committee meeting was held remotely on the above date, at 10:00 a.m.

Present: John Brennan, Authority Vice-Chair
Terry Burrell
Aaron Hall
Betty Ann MacKinnon
Tim Wilkins

Regrets: Lorie Scott, Authority Chair

Staff: Ashley Fletcher, Administrative Assistant/Board Coordinator
Chris Durand, Manager of IT/GIS
Ken Phillips, General Manager

NC-22-01

Burrell – MacKinnon

“That John Brennan be chair of the Nominating Committee for 2022.”

CARRIED

NC-22-02

Burrell – MacKinnon

“That the attached 2022 Nominating Committee report be recommended to the 2022 Annual General Meeting of the St. Clair Region Conservation Authority.”

CARRIED

NC-22-03

Hall – Burrell

“That the meeting be adjourned.”

CARRIED



John Brennan
Committee Chair

2022 Nominating Committee Report

Low Water Response Committee

- | | |
|-------------------------|------------------------------|
| 1. Terry Burrell | 2. Aaron Hall |
| 3. Diane Brewer | 4. Steve Miller |
| 5. 2022 Authority Chair | 6. 2022 Authority Vice-Chair |

Executive Committee

- | | |
|------------------------------|-------------------------|
| 1. Terry Burrell | 2. Joe Faas |
| 3. Frank Kennes | 4. Brad Loosley |
| 5. Betty Ann MacKinnon | 6. Steve Miller |
| 7. Mike Stark | 8. 2022 Authority Chair |
| 9. 2022 Authority Vice-Chair | |

Other Authority Committees (membership as per Administration By-Laws)

Flood Action Committee

1. Authority Chair
2. Authority Vice-Chair
3. Joe Faas (Director from Chatham-Kent representing Dresden)
4. Aaron Hall (Director from Chatham-Kent representing Wallaceburg)
5. Steve Miller or Pat Brown (Director from St. Clair Township)

Western Fair Association

- | | |
|-----------------|------------------------|
| 1. Frank Kennes | 2. Betty Ann MacKinnon |
|-----------------|------------------------|

Watershed Management Plan Committee

- | | |
|---------------------------------------|------------------------------------|
| 1. Steve Miller
(Non-point Source) | 2. Terry Burrell
(Point Source) |
|---------------------------------------|------------------------------------|

Planning Policy Procedural Manual and Technical Guidelines Committee

- | | |
|-------------------------|------------------------------|
| 1. John Brennan | 2. Pat Brown |
| 3. Terry Burrell | 4. Betty Ann MacKinnon |
| 5. 2022 Authority Chair | 6. 2022 Authority Vice-Chair |

Highland Glen Boat Launch Committee

- | | |
|--------------------|-------------------------|
| 1. Pat Brown | 2. Joe Faas |
| 3. Frank Kennes | 4. Brad Loosley |
| 5. Mike Stark | 6. Tim Wilkins |
| 7. Authority Chair | 8. Authority Vice-Chair |

Meeting Date: February 24, 2022
Report Date: February 7, 2022
Submitted by: Ken Phillips

Item 15.1

Subject: General Managers Report

Recommendation:

That the Board of Directors receive for information the General Managers report, dated February 7, 2022

Report:

- General Manager and Chair Scott attended the Conservation Ontario Council meeting Dec 13, 2021, via Zoom. CO acknowledged the work of retired SCRCA General Manager Brian MacDougall. The meeting focused on issues pertaining to First Nations/CA relations, changes involving the CA Act and updates from CO staff.
- Attended Conservation Ontario CAO/GM meeting via Zoom on Dec 13, 2021. Meeting centered on transition plans and issues around CA governance and accountability.
- Attended CO Watershed Report Card meeting via Zoom to prepare for submission of latest reports later in 2022. Need for reports to be made more accessible and contain more data per Auditor Generals Recommendations.
- Had a meeting with legal counsel and Town of Warwick staff Jan 5 regarding outstanding parcel of land at Warwick CA.
- Had a discussion Jan 12 with Brooke-Alvinston staff regarding some issues at A.W. Campbell CA. SCRCA staff will work with town staff to come up with possible solutions.
- Attended Flood Action Committee meeting via Zoom Jan 13. Became acquainted with protocols around ice jams.
- Attended sessions on session by CO on Jan 17, Jan 31 and Feb 7 to ensure Inventory work was on schedule and that SCRCA was compatible with other CAs.
- Met with landowner in Chatham-Kent Feb 1 to discuss flooding issues in his property.
- Met with Vince Gagner of BASES Feb 3 to discuss the relationship between the two organizations

Meeting Date: February 24, 2022
Report Date: February 8, 2018
Submitted by: Ken Phillips

Item 15.2

Subject: Inventory of Program and Services - Requirement under Ontario Regulation 687/21

Recommendation:

That the St. Clair Region Conservation Authority's (SCRCA) Inventory of Programs and Services be endorsed; and THAT the Inventory of Programs and Services be circulated to the MECP, Conservation Ontario, all watershed Municipalities and to be posted on the SCRCA website.

Background:

As part of Bill 229, Protect, Support and Recover from COVID-19 Act (Budget Measures), 2020, the Province of Ontario began the process of amending the Conservation Authorities Act (CA Act). The Province subsequently established a framework of regulations under which CAs were to operate going forward.

On October 4, 2021, the Ministry of Environment, Conservation and Parks (MECP) released the Phase 1 regulations to implement amendments to the CA Act. The following regulations were included in the Phase 1 release:

- Ontario Regulation 686/21: Mandatory Programs and Services
- Ontario Regulation 687/21: Transition Plans and Agreements for Programs and Services
- Ontario Regulation 688/21: Rules of Conduct in Conservation Areas.

Ontario Regulation 687/21: Transition Plans and Agreements for Programs and Services, required the SCRCA to create a Transition Plan that outlined the development of an inventory of programs and services divided into Categories 1-3 as well as the process to enter into agreements with participating municipalities to fund Category 2: Municipal Programs and Services.

The SCRCA Board of Directors approved the Authority's Transition Plan at the December 9, 2021 Board meeting and the plan was subsequently submitted to the MECP, watershed Municipalities and provided to the public via the SCRCA website. The next item required under the regulation is to develop an inventory of SCRCA programs and services. The inventory is required to include a list of all programs and services offered by the SCRCA as of February 28, 2022, and those the organization intends to potentially offer in the future. The inventory must include sources of funding, costing and categorization of all programs and services into one of three specific categories:

- Category 1: Mandatory programs and services as identified in Ontario Regulation 686/21. These programs are eligible to be funded through general municipal levy. (e.g. Flood Forecast and Warning)
- Category 2: Municipal programs and services that are provided at the request of the municipality. These programs can be funded through self-generated revenue, government and other agency grants and/or municipal funding under a memorandum of understanding (MOU) or agreement with the municipality. (e.g. Operation of Local Conservation Areas)
- Category 3: Other programs and services that an Authority (Board) determines are advisable. These programs can be funded through self-generated revenue, user fees, government and other agency grants, donations, etc. Any use of municipal funding will require an agreement and would be subject to cost apportioning (e.g. Environmental Education)

The Inventory of Programs and Services must be viewed as a living and evolving document that will change during the transition period. It is anticipated and expected that refinements will be incorporated as the SCRCA proceeds in discussions with municipal partners in structuring MOUs and future budgets. As the regulation requires that the Inventory provide a 5-year historical average of expenses, the expenses do not take into consideration inflationary costs and do not represent 2022 expenses to deliver these programs and services. The Board of Directors is also reminded that funding and funding sources for many of SCRCA's programs vary from year to year.

St. Clair Conservation Authority Inventory of Programs and Services

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Section 28.1 Permit Administration	Reviewing and processing permit applications, associated technical reports, site inspections, communication with applicants, agents, and consultants and legal costs.	1	CA Act	\$270,391	Municipal Levy – 46% Self-Generated – 54%
Municipal Plan Input and Review	Technical information and advice to municipalities on circulated municipal land use planning applications (Official Plan and Zoning By-law Amendments, Subdivisions, Consents, Minor Variances). Input to municipal land-use planning documents (OP, Comprehensive ZB, Secondary plans) related to natural hazards, on behalf of Ministry of Northern Development, Mines, Natural Resources and Forestry (MNMNRF), delegated to CAs in 1983. Input to the review and approval processes under other applicable law, with comments principally related to natural hazards, wetlands, watercourses and Sec. 28 permit requirements.	1	CA Act	\$157,357	Provincial – 12% Municipal Levy – 71% Self-Generated – 17%
Plan Review Not Related to Natural Hazards	Technical information and advice to municipalities on circulated municipal land use planning applications (Official Plan and Zoning By-law Amendments, Subdivisions, Consents, Minor Variances).	2	CA Act	\$16,713.60	Self-Generated - 100%
Flood Forecasting and Warning	Daily data collection and monitoring of weather forecasts, provincial and local water level forecasts, watershed conditions, snow course, ice monitoring, flood event forecasting, flood warning, communications and response and equipment maintenance. Annual meeting with municipal flood emergency coordinator.	1	CA Act	\$127,000	Provincial -33% Municipal Levy –67 %
Flood and Erosion Control Infrastructure Operation and Management	Water and erosion control infrastructure and low flow monitoring. Includes 1 major flood control structure and 12 authority owned structures that are annually inspected, and routine maintenance work completed.	1	CA Act	\$265,000	Provincial –25 %, Municipal Levy –75 %,

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Flood and Erosion Control Infrastructure Major Maintenance/ capital projects	Major maintenance of flood and erosion control structures as required. Projects are dependent on Water and Erosion Control Infrastructure (WECI) funding from the province.	1	CA Act	\$1,500,000	Municipal levy – 50% Self-Generated – 50%
Low water response	Conditions monitoring and analysis. Technical and administrative support to the Water Response Team representing major water users and decision makers, who recommend drought response actions.	1	CA Act	\$6,200	Provincial –50 %, Municipal Levy –50 %
Contaminated Sediment Remediation	Project management activities to support consultant studies to design implementation options to remediate contaminated sediment along three priority areas along St. Clair River.	3	CA Act	\$500,000	Self-Generated – 100%
Information Management	Data collection, mapping, data sets, watershed photography. Development and use of systems to collect and store data and to provide spatial geographical representations of data.	1	CA Act	\$3,100	Self-Generated – 100%
Technical Studies and Policy Review	Studies and projects to inform natural hazards management programs including: floodplain management, watershed hydrology, regulations areas mapping update, flood forecasting system assessment, floodplain policy, Lake Huron shoreline management. These projects often last one to two years and are distributed over time as human resources and funding is available.	1	CA Act	\$70,000	Municipal – 100%
Flood and Erosion Control Infrastructure Operation and Management	Water and erosion control infrastructure and low flow monitoring. Includes 1 major flood control structure and 12 authority owned structures that are annually inspected, and routine maintenance work completed.	1	CA Act	\$265,000	Provincial –25 %, Municipal Levy –75 %,

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Natural Hazards Communications, Outreach and Education	Promoting public awareness of natural hazards including flooding, drought, and erosion. Public events, materials. Social media services. Media relations. Educate elementary school students and the public about the danger of floodwaters.	1	CA Act	\$10,000	Provincial – 50 % Municipal Levy –50 %
Watershed Report Card	Conservation Authorities report on local watershed conditions every five years. The SCRCA watershed is divided into 14 sub watersheds. Measuring increases understanding of the watershed, focuses efforts and tracks progress.	3	CA Act	\$5000	Self-Generated – 100%
Municipal Drain and Fisheries Review	Fisheries and Oceans Canada and other partners provide funding to SCRCA in order to conduct fisheries assessments on their behalf. This includes the municipal drain classification program, which classifies “not rated” drains to help streamline Fisheries Act approvals to the benefit of both Drain Superintendents and landowners. This is a component of CA Act approvals for municipal drainage works, that while specific to drain review and associated hazards, also protects headwater function, habitat and ecosystem health.	3	CA Act	\$12,000	Self-Generated –100 %
Drinking Water Source Protection Program (DWSP)	Source Protection Area/Region, technical support, Source Protections Committee support, Source Protection Authority reports and meetings. Activities required by the Clean Water Act and regulations.	3	CA Act	\$65,000	Provincial – 100%
DWSP Risk Management Official	Carrying out Part IV duties of the Clean Water Act on behalf of municipalities through service agreements.	2	CA Act	\$50,000	Municipal Contracts – 100%
Strategy Development	New Project: Collate/compile existing resource management plans, watershed plans, studies and data. Strategy development, implementation and annual reporting. This is a one-year project which builds on the 2015 Watershed Management Strategy.	1	CA Act	New Program TBD	TBD

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Natural Heritage Systems Implementation Phase	The SCRCA incorporates natural heritage information particularly around wetlands to develop planning and regulatory strategies to mitigate downstream natural hazards.	3	CA Act	New Program TBD	TBD
Lake Huron Regional Initiative	Collaborative project of federal and provincial agencies and Lake Huron Southeast Shore Conservation Authorities to develop watershed plans to address broader-scale water quality issues and natural hazard issues in near-shore areas and contributing watersheds.	3	CA Act	\$88,250	Self-Generated – 100%
Sydenham River Regional Initiative	Sydenham River Phosphorus Management Plan Sydenham River Recovery (e.g., SAR Threats Inventory)	3	CA Act	\$85,000	Self-Generated – 100%
Natural Heritage Systems Implementation Phase	The SCRCA incorporates natural heritage information particularly around wetlands to develop planning and regulatory strategies to mitigate downstream natural hazards.	3	CA Act	New Program TBD	TBD
Lake Huron Regional Initiative	Collaborative project of federal and provincial agencies and Lake Huron Southeast Shore Conservation Authorities to develop watershed plans to address broader-scale water quality issues and natural hazard issues in near-shore areas and contributing watersheds.	3	CA Act	\$88,250	Self-Generated – 100%
Sydenham River Regional Initiative	Sydenham River Phosphorus Management Plan Sydenham River Recovery (e.g., SAR Threats Inventory)	3	CA Act	\$85,000	Self-Generated – 100%
Regional Conservation Areas including AW Campbell, LC Henderson, and Warwick	Management and maintenance of 3 conservation areas which offer both seasonal and overnight camping, day use facilities including trails, pavilion rentals, playgrounds, pools, and canoe or kayak rentals. Program includes risk management, hazard tree management, site security, parking lot and road maintenance, trail maintenance, stewardship and restoration, facilities maintenance, agricultural lease management, customer service tasks, signage, and advertising.	3	CA Act	\$1,203,643	Self-Generated – 99.8 % Grants – 0.2%

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Local Conservation Areas (owned and operated by SCRCA)	Management and maintenance of 6 local conservation areas. Program includes risk management, hazard tree management, parking lot maintenance, trail maintenance, facility maintenance, stewardship and restoration, and signage.	2	CA Act	\$155,812	Levy – 3% Special Levy – 44% Self-Generated – 19% Grant – 34%
Local Conservation Areas (long-term lease to municipality)	Seven local conservation areas leased to local municipality. Largely taxes and insurance costs.	1	CA Act	\$37,380	Special Levy – 58% Self-Generated – 40% Grant – 2%
SCRCA forests and management areas (McKeough Upstream Lands)	Management and maintenance of CA owned lands. Includes forest management, signage, gates, passive recreation, stewardship, agriculture leases, restoration, ecological monitoring, carrying costs such as taxes and insurance.	1	CA Act	\$156,279.10	Self-Generated – 100%
Managed Lands (Lambton County)	Management and maintenance of five properties, four with passive recreation and one managed for wildlife habitat. Program includes risk management, hazard tree management, forest management, parking lot maintenance, trail maintenance, stewardship and restoration, and signage.	3	CA Act	\$30,538	Self-Generated - 100%
Woodlands Conservation By-Law	The county of Lambton has entered into an agreement with the SCRCA to administer the Woodlands Conservation By-Law on their behalf. Site inspections, permitting, approvals, investigations, laying of charges, court appearances	3	CA Act	\$52,500.66	Self-Generated – 100%
Land Management - St. Clair Region Conservation Foundation (SCRCF)	Management and maintenance of SCRCF owned lands. Includes passive recreation, risk management program, hazard tree management, forest management, agriculture leases, signage, trails, parking lots, buildings, roadways, stewardship, restoration, ecological monitoring, carrying costs such as taxes and insurance.	3	CA Act	\$18,353	Self-Generated – 100%

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Inventory of Conservation Authority lands	New Project: The land inventory will include the following information: location as well as date acquired, method and purpose of acquisition, land use, and updates as properties are acquired or disposed of. Year one: Information gathering and document development \$20,000.00. On-going document maintenance \$1,500.00 annually.	1	CA Act	\$ 5,200.00	Self-Generated – 100%
Strategy for CA owned or controlled lands and management plans	New Project: A strategy to guide the management and use of CA-owned or controlled properties including guiding principles, objectives, land use, natural heritage, classifications of lands, mapping, identification of programs and services on the lands, public consultation, publish on website. Year one: strategy development \$35,000. On-going: Creation or update of individual property management plans \$35,000	1	CA Act	\$35,000.00	Self-Generated – 100%
Land Acquisition and Disposition Strategy	New Project: A policy to guide the acquisition and disposition of land in order to fulfil the objects of the Authority. Year one: strategy development \$35,000.00. On-going: bi-annual review \$5,000.00 (website update, mapping exercise, general document review)	1	CA Act	\$8,000.00	Self-Generated – 100%
Inventory of Conservation Authority lands	New Project: The land inventory will include the following information: location as well as date acquired, method and purpose of acquisition, land use, and updates as properties are acquired or disposed of. Year one: Information gathering and document development \$20,000.00. On-going document maintenance \$1,500.00 annually.	1	CA Act	\$ 5,200.00	Self-Generated – 100%
Land Acquisition and Disposition Strategy	New Project: A policy to guide the acquisition and disposition of land in order to fulfil the objects of the Authority. Year one: strategy development \$35,000.00. On-going: bi-annual review \$5,000.00 (website update, mapping exercise, general document review)	1	CA Act	\$8,000.00	Self-Generated – 100%

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Private Land Stewardship Program	Work with property owners to implement Best Management Practices to mitigate flood and erosion hazards, improve and protect water quality, restore floodplains and river valleys, reduce nutrient contamination, restore and enhance wetlands to reduce flooding peaks and augment low flow, management of terrestrial non-native invasive species, protect groundwater, and improve aquatic species at risk habitat. Apply for and manage external funding, promote private	3	CA Act	\$100,700	Self-Generated – 100%
Natural heritage monitoring, plans/strategies.	-Planning and developing programs relating to watershed monitoring including fish, mussels, reptiles, species-at-risk and recovery efforts of the Eastern Spiny Softshell Turtle through the Captive Hatch and Release Program. -Production and publication of academic, scientific and technical reports. -Liaise with partner organizations (DFO, MNMNR, NPO's) on the development of aquatic monitoring programs. Drain research Fox Snake Photo database	3	CA Act	\$200,300	Self-Generated – 100%
Conservation Services, Tree Planting, Forestry, Invasive Species	Forestry services including consultation with property owners, tree planting plan development and extended vegetation control and plantation management. Bioremediation and Phytoremediation site management Woodland stewardship and M.F.T.I.P. services. Invasive species management including phragmites, West Nile Virus.	3	CA Act	\$410,000	Self-Generated – 100%

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Remedial Action Plan Coordination	Collate relevant information and support the preparation of reports outlining the status of Beneficial Use Impairments (BUIs) in the St. Clair River to facilitate re-designation, provide communications for the St. Clair River Area of Concern by attending and/or organizing events to engage the public on the program and by developing public friendly documents, facilitate and support local committees established to guide and implement the Remedial Action Plan, lead Indigenous outreach and consultation on activities, reports, and recommendations pertinent to the St. Clair River Area of Concern program.	3	GLWQA COA	\$115,800	Federal – 50% Provincial – 50%
Corporate Services	Administrative, human resources, operating and capital costs which are not directly related to the delivery of any specific program or service, but are the overhead and support costs of a conservation authority. Includes health and safety program, overseeing programs and policies.	1	CA Act	\$255,975	Self-Generated 100%
Financial Services	Annual budget, accounts payable and receivable, payroll, financial analysis, financial audit, administration of reserves and investments, financial reports for funding agencies, preparing and submitting reports to CRA, benefits program administration.	1	CA Act	\$239,975	Municipal Levy - 60%, Self-Generated – 40%
Legal Expenses	Costs related to agreements/contracts, administrative by-law updates	1	CA Act	\$5,400	Self-Generated - 100%
Governance	Supporting CA Boards, Advisory Committees, Office of CEO/CAO/GM and Senior Management.	1	CA Act	\$9,750	Municipal Levy - 100%,
Communications and Outreach	Informing the public of SCRCA programs and projects through media, open houses, public meetings, website administration, responding to inquiries from the public, crisis communications.	1	CA Act	\$102,000	Municipal Levy – 88% Self-generated – 12%

Program/Service and Subservices	Description	Category (1,2,3)	Category Rationale	5 Year Average Annual Costs	Funding mechanism and percentage of costs
Administration Buildings	Office buildings and workshop used to support SCRCA staff, programs and services. Includes utilities, routine and major maintenance, property taxes. Note: The Average Annual Cost does not include accessibility upgrades needed by January 1, 2025. These costs are estimated to be approximately \$250,000 in total over the next few years.	1	CA Act	\$93,580	Self-Generated – 100%
Information Technology Management/ GIS	Data management, records retention. Development and use of systems to collect and store data and to provide spatial geographical representations of data.	1	CA Act	\$79,324	Self-Generated - 100%
Vehicle and Equipment	A fleet of vehicles and equipment to support the work of the SCRCA, including capital purchases, fuel, licenses, repairs and maintenance. Programs and projects are charged for the use of vehicles and equipment.	1	CA Act	\$161,336	Self-Generated - 100%
School and Community Programs	Curriculum-based education programs for elementary and secondary students. These programs focus on local watersheds, ecosystems, and environmental issues. Programs take place at schools (indoors and outdoors), field trips to conservation areas and community parks and through online learning. Education and outreach programs and community events to assist in achieving the objectives of the conservation authority. These programs are open to people of all ages. Planting of native trees, shrub, TGP in municipalities, schools' yards	3	CA Act	\$198,600	Self-Generated - 100%

Meeting Date: February 24, 2022
Report Date: February 9, 2022
Submitted by: Ashley Fletcher

Item 16.1 (a)

Subject: Business Arising

Regarding BD-21-29

Report on reserves deferred until Asset Management Plan in place

Directors request a report on the benchmark data from the 2017 Conservation Authorities Statistical Survey and comparative analysis of Conservation Authority annual statements, of which have reserves, focusing on the SCRCA's position of fiscal health.

Regarding BD-21-95

Refer to Item 17.5

Directors request that staff reconsider the recommendation from the Tim Dobbie consultant team to have the staff processing planning applications also issue the permit, to increase efficiency and reduce wait times.

- **Regarding BD-21-131**

- Director Mike Stark enquired whether fees are collected from Municipalities for consultation services and technical comments. Director of Planning and Regulations, Melissa Deisley explained that fees are not collected for this purpose as this service is covered through general levy. Director Mike Stark requests that this be considered as a potential revenue source and be included within the cost recovery analysis that is expected to be brought forward to the February Annual General Meeting.

- Directors Mike Stark and Brad Loosley request that staff explore whether the initial processing of simple permit applications can be delegated, with only SCRCA staff providing final approval and to report on the possibility of this at the February Annual General Meeting.

Regarding BD-21-96

Deferred to September, 2022

Directors request that presentations of future draft budgets include the following:

- Actual audited expenditures by department for the last completed fiscal year
- Current year approved budget
- Draft budget for the coming fiscal year

Regarding BD-21-107
Deferred to April, 2022

Directors request that a presentation be made to the Board from the Scotia Wealth Management investment advisor involved in managing our portfolio as well as a review of the SCRCA Investment Policy.

Regarding BD-21-112
Refer to Item 17.6

Directors requests that a policy be drafted for cost recovery over time and presented at the December 9, 2021 meeting

○ **Regarding BD-21-136**

Directors Mike Stark and Brad Loosley enquired request that the cost recovery analysis identifies the following

- The percentage increase for fees needed to achieve 100% cost recovery
- A comparison of neighbouring Conservation Authorities (CAs)
- The percentage difference between SCRCA fees and those of neighbouring CAs
- Various scenarios with cost recovery at 100%, and 75% etc.

Under New Business of the December 9, 2021 Meeting

Ongoing/To be addressed during MOU discussions with member Municipalities

Director Tim Wilkins enquired regarding a previously made request to have SCRCA Planning staff meet with Plympton-Wyoming staff members to provide a tutorial of the website, mapping tools and determining floodlines. General Manager, Ken Phillips stated that an update will be provided at the next meeting.

Regarding EC-22-08
Deferred to April, 2022

A report with recommendations for the accessibility of committee meetings and their minutes is to be brought forth to a future meeting.

Meeting Date: February 24, 2022
Report Date: February 10, 2022
Submitted by: Emily De Cloet and Girish Sankar

Item 16.1 (b)

Subject: Current Watershed Conditions

Recommendation:

Report Highlights:

- Flood potential is low to moderate, with lower water levels on the Sydenham River, moderate snowpack across the region, and ice jam potential on the St. Clair River
- Six and twelve-month precipitation trends are near normal, with short-term amounts below normal due to below-normal snowfall (Table 1)
- Lakes Huron, St. Clair and Erie are down compared to a year ago, however still remain well above their 100-year average (Table 2). Levels are predicted to decline over the coming months (Figure 1).

Watershed Conditions

Flood Threat

Flood potential in the watershed is currently low to moderate owing to lower water levels on the Great Lakes and Sydenham River, with approximately one metre freeboard in Wallaceburg.

Over the course of the next two months, freeze-thaw temperature fluctuations, snowmelt and rain will be the prominent concerns leading to flooding within the watershed. These, combined with strong winds, will also have the potential to create conditions favourable to ice jamming.

Precipitation

Table 1: Precipitation amounts (in millimetres) for local and surrounding stations.

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
Last Quarter								
November	46.4	76.4	71.4	94.5	69.5	91.1	45.6	75.5
December	61	68	61.2	92.4	64.5	88.6	59.6	74.7
January	14.9	50.1	31.6	75.3	33.3	74.2	6	57.6
Averages								
last 3 month totals	122.3	194.5	164.2	262.2	167.3	253.9	111.2	207.8
last 3 month % of normal	62.9%		62.6%		65.9%		53.5%	
regional average	61.2%							
last 6 month totals	462.7	431.6	573.4	504.9	615.3	514.5	432.9	448.6
last 6 month % of normal	107.2%		113.6%		119.6%		96.5%	
regional average	109.2%							
last 12 month totals	794.8	846.8	980.6	945.1	1003.8	987	762.1	918.4
last 12 month % of normal	93.9%		103.8%		101.7%		83.0%	
regional average	95.6%							

- High amounts of rainfall in September and October greatly surpassed normal amounts and continue to leverage the six and twelve-month precipitation trends to normal values
- Lower amounts of rainfall and snow in the last quarter have resulted in well below normal precipitation averages across the region

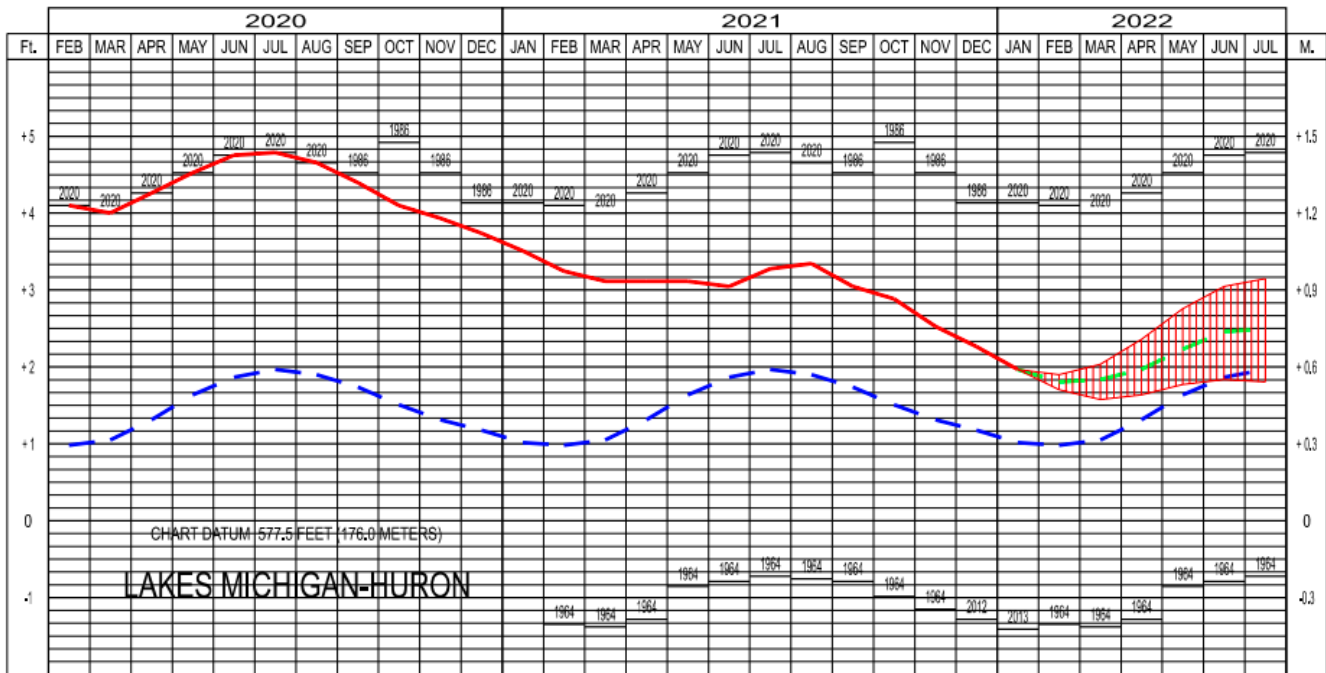
Lake Levels

Table 2: Surrounding lakes water level comparison. Source: U.S. Army Corps of Engineers, 2022.

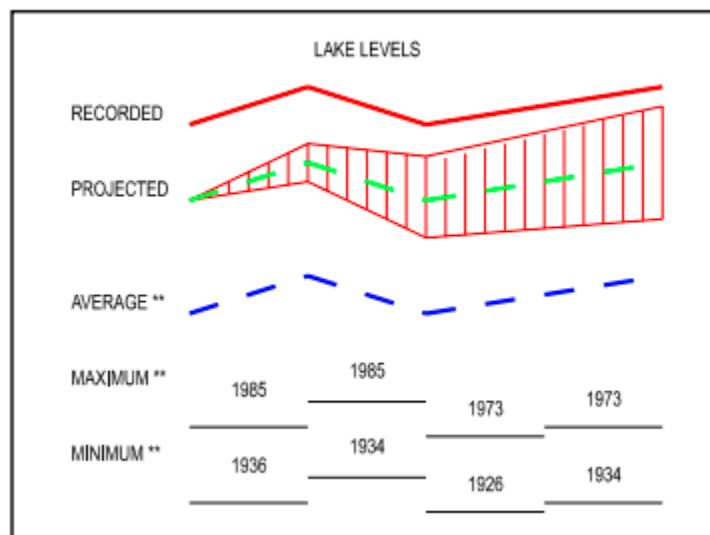
January 2022	Lake Huron	Lake St. Clair	Lake Erie
Mean for Month (Preliminary Data)	176.60	175.32	174.54
Mean for Month Last Year	177.07	175.62	174.69
Change	-0.47	-0.30	-0.15
Mean, for period 1918-2020	176.31	174.86	174.02
Change Compared to Current	0.29	0.46	0.52
Statistics for Period of Record			
Maximum Monthly Mean / Year	177.26	175.80	174.86
	2020	2020	1987
Change Compared to Current	-0.66	-0.48	-0.32
Minimum Monthly Mean / Year	175.57	173.88	173.21
	2013	1936	1935
Change Compared to Current	1.03	1.44	1.33

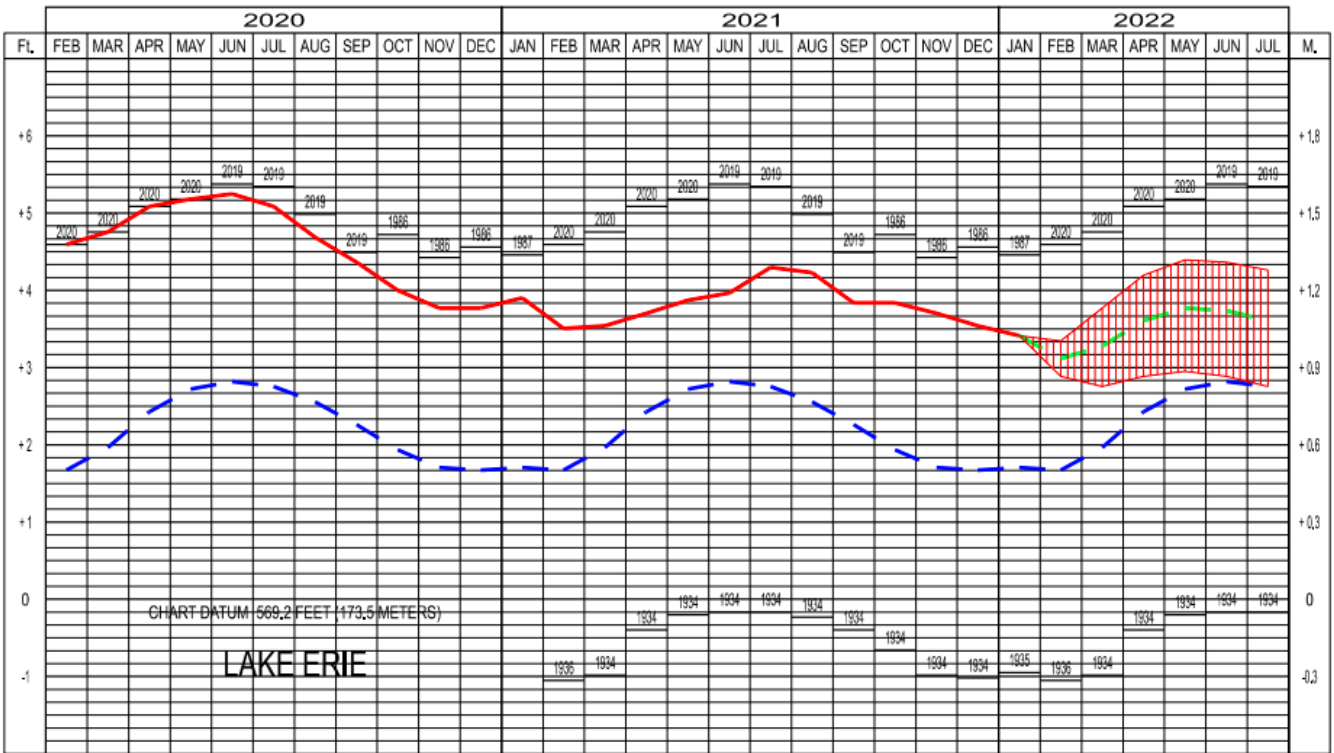
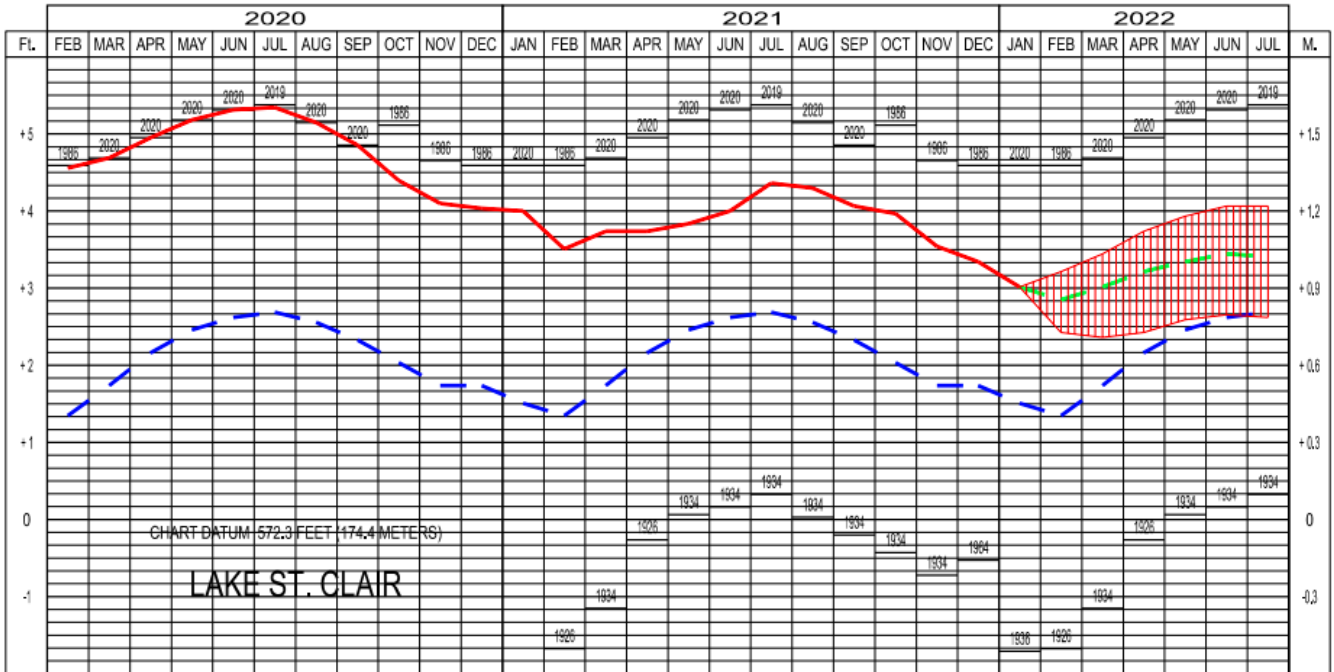
- Compared to January 2021, Lake Huron has seen a drop in water level of 47 cm, Lake St. Clair of 46 cm and Lake Erie of 52 cm
- All lakes remain well above their mean water levels, ranging from 29 cm to 52 cm above average, however continue to be below maximum monthly means, ranging from 32 cm to 66 cm
- Lakes are forecasted to continue dropping towards seasonal average levels in the coming months (Figure 1, below)

Figure 1: Water level forecast. Source: U.S. Army Corps of Engineers, February 2022.



LEGEND





Meeting Date: February 24, 2022
Report Date: February 8, 2022
Submitted by: Girish Sankar

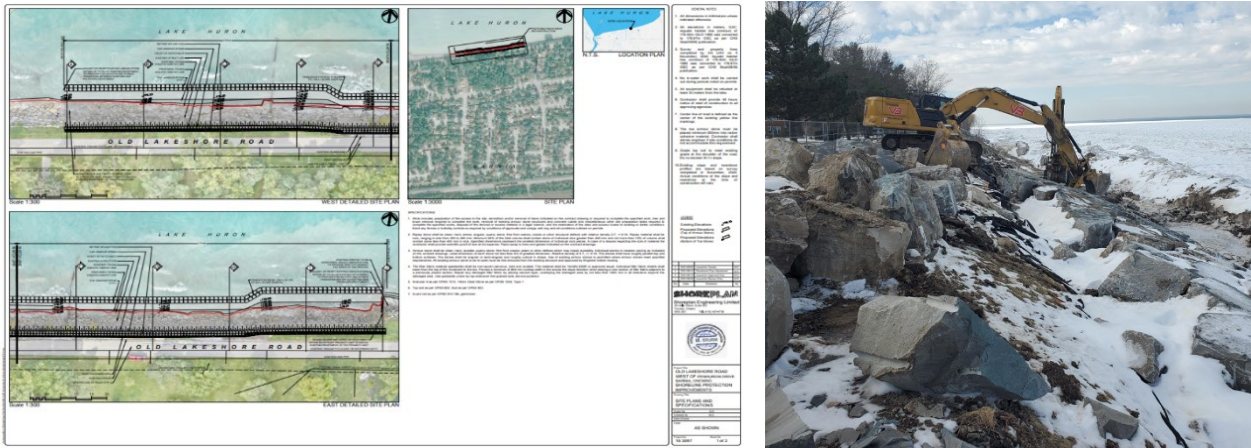
Item 7.1 (c)

Subject: Shoreline Projects

Recommendation:

That the Board of Directors acknowledges the report dated February 8, 2022 on the ongoing shoreline projects across the watershed.

Old Lakeshore Road near Penhuron Drive Shoreline Improvements

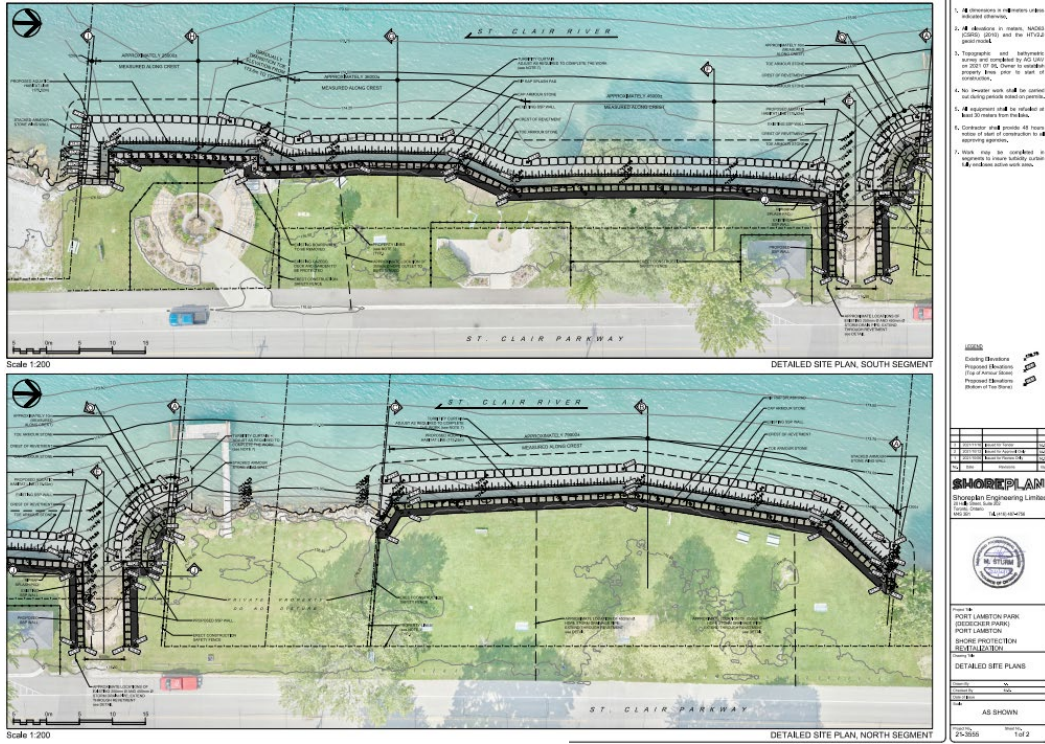


Looking West from Penhuron Avenue – Shoreline construction progress

- Contract was awarded to **Van Bree drainage and Bulldozing**
- All permits for this work have been obtained
- Shoreline work started mid-January
- Expected date of completion – June, 2022

Port Lambton Park Shoreline project

The project site is in Port Lambton along the east shore of the St. Clair River. The site includes a shoreline starting at the north of Queen Street and stretches south a distance of approximately 240 meters. The current shoreline of the site includes varying structures, steel sheet pile wall supported by timber piles, concrete rubble, stacked concrete. The condition of the shoreline is poor and needs restoration.



Port Lambton Park- Shoreline design

- Contract has been awarded to Dicocco Contracting Ltd
- All permits have been obtained
- Construction work started beginning of February, 2022
- Expected date of completion – June, 2022

Meeting Date: February 24, 2022 **Item 16.1 (d)**
Report Date: February 3, 2022
Submitted by: Girish Sankar and Mike Moroney

Subject: Engineering and Design Plan for Management of Contaminated Sediment in the St. Clair River – Work Completed

Recommendation:

That the Board of Directors accept the Final Sediment Management Remedial Design Report for the management of mercury-contaminated sediment in the St. Clair River, prepared by Parsons Inc. and submitted to the St. Clair Region Conservation Authority in December, 2021.

Background:

The St. Clair Region Conservation Authority (SCRCA) has completed its work with Parsons Inc. on the development of an engineering and design plan for managing mercury-contaminated sediment in three priority areas of the St. Clair River.

After assessing the extensive amount of new data that was collected in 2019 and 2020, in conjunction with historical data, the consultant concluded that:

- There have been significant decreases in mercury concentrations in surface sediment compared to historical results due to natural recovery.
- As a result, there are currently no measurable risks to fish presented by mercury in sediment.
- This is supported by the fact that the risk-based goal of an average of 3mg/kg mercury in the surface sediment, to be protective of fish, has already been met in each priority area and at the two buried deposits.
- Re-exposure of the subsurface buried mercury is unlikely.
- An erosion resistant cover is recommended in focused areas within priority areas 1, 2 and 3 to enhance erosion protection and decrease mercury concentrations at the surface.
- The planned remedial actions will achieve the sediment management goals and remedial action objectives.

The SCRCA, with support from Parsons where required, held 8 information sessions to present the results of the field work and the recommended remedial approach. Presentations were made to Aamjiwnaang First Nation, Walpole Island First Nation, regulatory agencies, local industry, local municipalities, the Canadian Remedial Action Plan Implementation Committee, and the Binational Public Advisory Council for the St. Clair River Remedial Action Plan. A Community Information Session was also held for anyone that was interested in participating, including local media. The session was recorded and subsequently posted to SCRCA's web site. The questions and answers from the session were also posted.

Parsons submitted the draft design plan to the SCRCA in August 2021, which was also shared with representatives on the Oversight Committee. All parties involved reviewed the draft plan and provided comments to Parsons for consideration prior to finalizing the plan.

Update:

Additional discussions were held with Parsons on the proposed Water Quality Monitoring Plan to confirm what type of sampling should be conducted during implementation, where it should be conducted, and at what frequency.

Additional discussions were held with Fisheries and Oceans Canada and the Ministry of Environment, Conservation and Parks, so that requirements under the federal Species at Risk Act and provincial Endangered Species Act could be incorporated into the design plan.

Parsons finalized the engineering and design plan and submitted it to the SCRCA in December 2021 for review. The SCRCA and Oversight Committee members reviewed the final plan and confirmed acceptance on January 31, 2022.

A letter has been sent out to stakeholders and local Indigenous communities making them aware of the report having been finalized, and informing them that the report is available on SCRCA's website.

The St. Clair Region Conservation Authority's role in this stage of the project was to focus on the development of the sediment management and remedial design report. Now that the report is finalized, it will support discussions around implementation. The roles and responsibilities of the various parties during the implementation phase have not yet been determined so information on timing is not yet available.

Strategic Objectives(s):

Ensure that our rivers, lakes and streams are properly safeguarded, managed and restored.

Financial Impact:

The project work was completed within the established budget. The cost to prepare the plan was approximately \$1 million. Monthly invoices received from Parsons were reviewed to ensure that costs incurred aligned with the key project deliverables and the contract agreement. Cost recovery occurred on a quarterly basis with costs shared amongst each of the funding partners in accordance with the funding agreements.

Meeting Date: February 24, 2022
Report Date: February 10, 2022
Submitted by: Sarah Hodgkiss, Laura Biancolin

Item 16.1(e)

Subject: Planning Activity Summary

A summary of staff activity related to Municipal Plan Input and Review is presented below. This report covers the period from November 1, 2021 to January 31, 2022.

Municipal Plan Input and Review			
File Reference	Location	Municipality	Municipal File
PL#2020-0068	4965 Walkers Drive	Adelaide-Metcalfe	B05-2020
PL#2022-0013	26180 Napier Road	Adelaide-Metcalfe	
PL#2022-0003	7416 Oil Springs Line	Brooke-Alvinston	B-002/22
PL#2022-0010	6334 & 6336 Petrolia Line	Brooke-Alvinston	B-003/22
PL#2019-075	82 Duke Street	Chatham-Kent	
PL#2021-0011	S of Isaac Street, E of Db Street and N of Camden Street	Chatham-Kent	D-28 DR/28/21/O
PL#2021-0061	5094 Dufferin Ave	Chatham-Kent	B-68/21 A-42/21
PL#2021-0123	102 W Metcalfe Street	Chatham-Kent	
PL#2021-0124	24 L Pinsonneault Street	Chatham-Kent	
PL#2021-0129	1149 Dufferin Avenue, 43 Forhan Street and 47 Forhan Street	Chatham-Kent	B-152/21, B-155/21 and B-160/21
PL#2021-0130	26260 Centre Side Road	Chatham-Kent	B-154/21
PL#2021-0133	S of Sydenham River, W of Murray Street, N of the Railway and E of McNaughton Ave	Chatham-Kent	
PL#2022-0004	10766 Claymore Line	Chatham-Kent	B-133/21
PL#2022-0012	SE corner of Murray St and Base Line	Chatham-Kent	OPA No. 68 B-07/22 A-05/22
PL#2021-0138	1035 Shetland Road	Dawn-Euphemia	
PL#2018-111	W of Country View Drive, S of Joe Street	Enniskillen	38T-07001

PL#2022-0006	5706 Petrolia Line	Enniskillen	
PL#2019-058	3935 Tile Yard Road	Enniskillen	B#002/21
PL#2018-087	W of Cliff Road and Ravine Road, Con W of Lake Road, Pt Lt 74&75	Lambton Shores	
PL#2021-0017	113 Clyde Street	Lambton Shores	
PL#2021-0103	5512 Beach Street	Lambton Shores	
PL#2021-0116	6502 West Parkway Drive	Lambton Shores	
PL#2021-0128	9723 W Parkway Drive	Lambton Shores	
PL#2021-0137	5188 Cedar Point Line	Lambton Shores	OPA 52 ZBA-17-2020 39T-MC2003
PL#2018-042	Part Lot 8, Concession 8	Middlesex Centre	39T-MC0401
PL#2018-119	Timberwalk Trail	Middlesex Centre	ZBA 03 2019 39T- MC1901
PL#2019-008	Timberwalk Trail	Middlesex Centre	OPA 51 ZBA-16-2020 39T-MC2002
PL#2019-080	10283 Ilderton Road	Middlesex Centre	
PL#2020-0077	Ilderton Road and Bowling Green	Middlesex Centre	39T-MC1701
PL#2021-0067	Ilderton Rd and Poplar Hill Rd	Middlesex Centre	
PL#2021-0113	22603-22669 Vanneck Road	Middlesex Centre	
PL#2021-0136	Hyde Park and Ilderton Road	Middlesex Centre	
PL#2021-0028	4055 Oil Heritage Road	Petrolia	
PL#2021-0045	450 Greenfield Street	Petrolia	A-03-21
PL#2022-0009	4472 North Street	Petrolia	
PL#2019-081	5223 Douglas Line	Plympton-Wyoming	52 23/20
PL#2019-102	Fleming Road & Queen Street	Plympton-Wyoming	38T-19004
PL#2020-0043	Lakeshore and Flemming Road	Plympton-Wyoming	38T-08005
PL#2020-0086	3096 Lakeshore Road	Plympton-Wyoming	
PL#2021-0074	4493 London Line	Plympton-Wyoming	SP01
PL#2021-0110	3484 Egremont Road	Plympton-Wyoming	
PL#2021-0117	5995 Confederation Line	Plympton-Wyoming	
PL#2021-0118	3890 Ferne Ave	Plympton-Wyoming	
PL#2021-0134	N of Exmouth Street	Point Edward	
PL#2018-072	1873 London Line	Sarnia	OPA 18 ZBA10-2019 SD2-2019

PL#2018-118	1992 Estella Street	Sarnia	11-2018, 5-2019 SD2-2018, CD1-2018
PL#2019-076	21 Ube Drive	Sarnia	
PL#2020-0015	1597 London Line	Sarnia	
PL#2020-0035	L'heritage Drive, westerly end	Sarnia	OPA#22 ZBA 4-2020-85 of 2002
PL#2020-0083	4957 Kimball Road	Sarnia	SD3-2021
PL#2021-0083	5641 Blackwell Sideroad	Sarnia	
PL#2021-0084	1748-1794 Blackwell Road	Sarnia	
PL#2021-0121	1530 and 1540 Lottie Neely Park Road	Sarnia	
PL#2021-0131	725 Procor Drive	Sarnia	13-2021-85 of 2002
PL#2021-0132	W of Business Park Drive	Sarnia	
PL#2022-0001	6193 Blackwell Side Road	Sarnia	
PL#2022-0005	S of 5349 Mandaumin Road	Sarnia	
PL#2022-0007	2817 Old Lakeshore Road	Sarnia	A05-2022
PL#2022-0008	1244 Exmouth Street	Sarnia	OPA #41 No.1-22-85 of 2002
PL#2021-0082	N of Wellington Steet	Southwest Middlesex	
PL#2020-0062	142 West Ward Line, Port Lambton	St. Clair	B-10-20, B-17-21
PL#2020-0085	403 LaSalle Line	St. Clair	
PL#2021-0037	Lot 27, Con 10	St. Clair	
PL#2021-0060	Lot 35, Con Front, S of Penrise Street	St. Clair	
PL#2021-0085	N of Princess Street	St. Clair	
PL#2021-0112	497, 561 and 571 Moore Line	St. Clair	B/19-21 A-32/21, A-33/21 and A-34/21
PL#2021-0115	1452 Courtright Line	St. Clair	
PL#2021-0127	N of Wellington Street	St. Clair	
PL#2022-0011	Polymoore Drive	St. Clair	
PL#2018-026	Thorn Drive	Strathroy-Caradoc	OPA9 39T-SC1303
PL#2019-068	Queen Street & Glendon Drive	Strathroy-Caradoc	ZBA02-2020 39T-SC2001
PL#2021-0016	Lot 7, Carrie Street	Strathroy-Caradoc	

PL#2021-0054	N of Napperton Drive, Pt Lot 19, Con 4	Strathroy-Caradoc	
PL#2021-0064	137 Frank Street	Strathroy-Caradoc	
PL#2021-0119	505 Carroll Street E	Strathroy-Caradoc	
PL#2021-0120	22707 Topping Road	Strathroy-Caradoc	
PL#2021-0122	131 and 135 Caradoc St N	Strathroy-Caradoc	
PL#2021-0125	9388 Scotchmere Drive	Strathroy-Caradoc	B16-2021
PL#2021-0126	9388 Scotchmere Drive	Strathroy-Caradoc	B17-2021
PL#2020-0012	7806 Confederation Line	Warwick	38T-21001
PL#2021-0057	7140 Egremont Road	Warwick	
PL#2021-0069	308 St. Clair Street	Warwick	
PL#2021-0135	7023 Egremont Road	Warwick	
Total Plan Review Items: 83			

Environmental Assessments

File Reference	Location	Municipality
EA#2020-011	S of Dufferin Avenue along Chenail Ecarte	Chatham-Kent
EA#2021-014	4591 Lambton Line	Dawn-Euphemia
EA#2020-009	Port of Sarnia	Point Edward
EA#2020-004	1100 Scott Road	Sarnia
EA#2021-015	Hwy 40 and London Line	Sarnia
EA#2021-012	St. Clair Parkway and Marshy Creek	St. Clair
EA#2021-013	French Line and Marshy Creek	St. Clair
EA#2021-002	8119 Zion Line	Warwick
EA#2021-011	Various locations	Warwick
Total Environmental Assessments: 9		

Legal Inquiries

File Reference	Location	Municipality
LL#2021-0046	80 Chenal Ecarte	Chatham-Kent
LL#2021-0048	426 Running Creek Drive, Wallaceburg	Chatham-Kent
LL#2021-0047	9712 Centre Side Road, Lambton Shores	Lambton Shores
LL#2021-0050	6016 Lakeshore Road, Lambton Shores	Lambton Shores
LL#2021-0044	22556 Vanneck Road, Ilderton	Middlesex Centre

LL#2022-0001	12626 Ilderton Road	Middlesex Centre
LL#2021-0049	1330 Exmouth Street, Sarnia	Sarnia
LL#2022-0003	321 Queen Street, Sarnia	Sarnia
LL#2021-0045	Tecumseh Road	St. Clair
LL#2021-0043	3230 Napperton Drive, Strathroy	Strathroy-Caradoc
LL#2022-0002	8759 Olde Drive, Mount Brydges	Strathroy-Caradoc
LL#2022-0004	96 Kittridge Avenue East, Strathroy	Strathroy-Caradoc
Total Legal Inquiries: 12		

Meeting Date: February 24, 2022 **Item** 16.1(f)
Report Date: February 10, 2022
Submitted by: Melissa Deisley, Jeff Vlasman, Kelli Smith

Subject: Regulations Activity Summary

A summary of staff activity related to the Conservation Authority's *Development, Interference of Wetlands, and Alterations to Shorelines and Watercourses Regulation* (Ontario Regulation 171/06 under Ontario Regulation 97/04) is presented below. This report covers the period from November 1, 2021 to January 31, 2022

Regulations Permits Issued						
Application #	Location	Municipality	Proposal	Submitted	Issued	Days
R#2021-0158	Brooke Line from Centre Side Road to Kent Bridge Road	Chatham-Kent	Watermain Installation	Dec-03	Dec-06	3
R#2021-0465	29584 Bishop Road, Wallaceburg	Chatham-Kent	Reconstruct Residential Home	Nov-21	Dec-09	18
R#2021-0477	574 Sandra Crs, Wallaceburg	Chatham-Kent	Repair Seawall	Nov-08	Nov-10	2
R#2021-0558	30 John Avenue, Wallaceburg	Chatham-Kent	Permit Inquiry	Nov-23	Jan-24	62
R#2021-0633	Bluewater Line (29109 Mirwin Road) Wallaceburg	Chatham-Kent	Install 2-38mm conduits 2.5M under the Dykeman Drain and Biden Drain on Bluewater Line.	Sep-20	Jan-24	126
R#2021-0634	29617 St. Clair Parkway	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0635	1997 Dufferin Avenue	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0638	5 Crocus Street	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0639	14 Kilbride Avenue	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126

R#2021-0640	157 Whitebread Line	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0641	12 Poplar Street	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0642	21 Maple Street	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0643	29637 Payne Road	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-24	126
R#2021-0644	29599 Kimball Line	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-25	127
R#2021-0645	7379 North River Line	Chatham-Kent	Install 2-38mm conduits	Sep-20	Jan-25	127
R#2021-0708	1119 Dufferin Avenue	Chatham-Kent	Construct 1200 sqft building	Nov-18	Nov-19	1
R#2021-0712	S of Isaac St, E of Db St and N of Camden St	Chatham-Kent	SWM outlet	Dec-15	Dec-15	1
R#2021-0714	8087 Dover Centre Line	Chatham-Kent	Install 2-38mm conduits, 2.5M under the waterbed of the Rankin Creek Drain and Baldoon Drain.	Nov-17	Nov-17	1
R#2021-0716	7522 Marsh Line	Chatham-Kent	Install 2-38mm conduits, 2.5M under the waterbed of the Hyatt & Fryer outlet drain, Rankin creek drain, Collop drain, Collop branch, Hind relief drain and Hind pumping works.	Nov-17	Nov-17	1
R#2021-0732	25961 Baldoon Road	Chatham-Kent	Install 41 m of 1 1/4" plastic service, coming off a 2" plastic main, 420 kPa	Oct-07	Nov-18	42
R#2021-0736	1813 Dufferin Ave, Wallaceburg	Chatham-Kent	Addition to current dwelling on subject property	Nov-04	Dec-10	36

R#2021-0803	68 Mount Pleasant, Wallaceburg	Chatham-Kent	in-ground pool	Dec-03	Dec-10	7
R#2021-0762	Cuthbert Road (Between 1491 and 1439)	Dawn-Euphemia	Replacement of a pipeline segment as well as construction of additional ancillary pipeline infrastructure	Nov-15	Dec-20	35
R#2021-0740	4331 Marthaville Road	Enniskillen	Installation of Conduit, Pedestal and Vault.	Dec-09	Dec-13	4
R#2021-0753	4036 LaSalle Line	Enniskillen	Installation of Conduit, Pedestal and Vault	Dec-09	Dec-13	4
R#2021-0788	5269 Churchill Line, Enniskillen	Enniskillen	Integrity Digs	Dec-10	Dec-10	1
R#2021-0789	5269 Churchill Line, Enniskillen	Enniskillen	Tributary Re-alignment	Dec-10	Dec-10	1
R#2021-0831	4782 Shiloh Line	Enniskillen	wetland creation	Nov-18	Jan-11	54
R#2021-0850	4331 Marthaville Road	Enniskillen	Installation of Conduit, Pedestal and Vault	Jan-05	Jan-21	16
R#2021-0851	4418 Marthaville Road	Enniskillen	Installation of Conduit, Pedestal and Vault Installation of Conduit, Pedestal and Vault	Jan-05	Jan-20	15
R#2021-0852	3836 Petrolia Line	Enniskillen	Installation of Conduit, Pedestal and Vault	Jan-05	Jan-21	16
R#2020-0527	6572 Lakeshore Road, Bosanquet	Lambton Shores	New house	Jan-04	Jan-04	1
R#2021-0570	5428 Oak Avenue, Lambton Shores	Lambton Shores	Shoreline Improvements	Aug-11	Dec-17	128
R#2021-0627	5430 Oak Avenue	Lambton Shores	Install a new steel sheet pile shorewall	Sep-15	Dec-17	93

R#2021-0689	6248 Cedar Drive	Lambton Shores	Replacement of Shoreline Protection	Dec-23	Jan-06	14
R#2021-0690	6244 Cedar Drive	Lambton Shores	Replacement Shore Protection	Dec-23	Jan-06	14
R#2020-0418	4310 Petrolia Line, Petrolia	Petrolia	Tear down/rebuild	Dec-07	Dec-07	1
R#2021-0749	237 Kells Street, Petrolia	Petrolia	Construct new 24' x 24' garage	Nov-15	Jan-19	65
R#2021-0260	3110 Egremont Road, Plympton-Wyoming	Plympton-Wyoming	Shoreline Work	Oct-28	Nov-10	13
R#2021-0464	3684 Windcliff Lane	Plympton-Wyoming	Install seawall	Nov-12	Nov-15	3
R#2021-0699	5366 Fisher Line	Plympton-Wyoming	Accessory Building Addition	Jan-24	Jan-28	4
R#2021-0754	6784 Camlachie Road	Plympton-Wyoming	Installation of Conduit, Pedestal and Vault.	Dec-14	Dec-14	1
R#2021-0844	4889 Shirley Lane	Plympton-Wyoming	Addition	Jan-31	Jan-31	1
R#2021-0785	1285 Sandy Lane, Sarnia	Point Edward	New Shoreline Protection	Dec-22	Dec-22	1
R#2021-0462	2871 Old Lakeshore Road	Sarnia	Construct a seawall	Nov-19	Nov-26	7
R#2021-0757	1730 Lakeshore Road	Sarnia	Install new steel sheet pile shorewall	Nov-15	Jan-07	53
R#2021-0758	2212 LaSalle Line	Sarnia	SCPL Project Reference: HML-SL-11927.34 - Telfer Road East I and II	Nov-15	Nov-30	15
R#2021-0848	764 Tudor Close West	Sarnia	Addition	Jan-05	Jan-10	5
R#2020-0636	343 Kimball Road	St. Clair	Building single family dwelling	Nov-30	Nov-30	1
R#2021-0321	1959 Kerr Line	St. Clair	Culvert Replacement	Nov-17	Nov-17	1
R#2021-0554	84 West River Road, Port Lambton	St. Clair	Inquiry Re: Shed Rebuild	Nov-16	Nov-26	10

R#2021-0731	3162 Tecumseh Road	St. Clair	The 2022 Storage Enhancement Project	Sep-29	Nov-17	49
R#2021-0815	3595 Tecumseh Road, Mooretown	St. Clair	Construct approximately 2.2 km of NPS 24 natural gas pipeline	Dec-13	Dec-13	1
R#2021-0825	4162 St.Clair Parkway	St. Clair	New dwelling	Dec-23	Jan-24	32
R#2021-0847	Bentpath Line (across 1370)	St. Clair	Drilling A-1 observation well for TCV7	Oct-12	Jan-19	99
R#2021-0853	Smith Line (near 1039)	St. Clair	Smith Line Bridge Repairs	Jan-05	Jan-24	19
R#2021-0591	233 Riverview Drive, Strathroy	Strathroy-Caradoc	Replace existing wood deck	Nov-08	Nov-15	7
R#2021-0603	221 Mill Pond Crescent	Strathroy-Caradoc	New Swimming Pool	Oct-20	Nov-08	19
R#2021-0772	Pt Lot 48 and 69, Concession Part 1, 34M-6, Mount Brydges, Timberview Subdivision	Strathroy-Caradoc	SWM Outlet	Oct-12	Nov-19	38
R#2021-0777	22708 Glen Oak Road	Strathroy-Caradoc	PROJECT IS PLACING 50MM HDPE CONDUIT ON MUNICIPAL ROAD ALLOWANCE	Dec-22	Jan-05	14
R#2021-0102	Brown Creek at Confederation Line	Warwick	Extension of walking trails at the Twin Creeks landfill	Sep-07	Nov-17	71
R#2021-0761	First School Road (7211 Hickory Creek Line)	Warwick	Culvert No. 5 Replacement	Nov-10	Dec-10	30
Total Permits Issued: 62		Average Number of Days to Issue for this Period: 40.61				

Regulations Inquiries

FileReference	Municipality	Location
R#2021-0755	Adelaide-Metcalfe	28641 Dolphin Road
R#2021-0817	Adelaide-Metcalfe	6564 Scotchmere Drive
R#2022-0010	Adelaide-Metcalfe	27217 Napier Road, Adelaide-Metcalfe
R#2021-0799	Brooke-Alvinston	Across the road from 8362 Petrolia Line, Brooke
R#2021-0155	Chatham-Kent	29584 Bishop Road, Wallaceburg
R#2021-0162	Chatham-Kent	Booth Road adjacent to Otter Creek Drain
R#2021-0231	Chatham-Kent	60 Pine Drive, Wallaceburg
R#2021-0233	Chatham-Kent	470 Brown Street, Dresden
R#2021-0286	Chatham-Kent	9144 Meadowvale Line
R#2021-0317	Chatham-Kent	212 Thomas Avenue
R#2021-0318	Chatham-Kent	2024-2028 Dufferin Ave
R#2021-0371	Chatham-Kent	555 Nelson Street
R#2021-0379	Chatham-Kent	Dover Centre Line
R#2021-0425	Chatham-Kent	5094 Dufferin Ave
R#2021-0472	Chatham-Kent	11408 Grove Mills Line, Dresden
R#2021-0520	Chatham-Kent	271 Forhan St, Wallaceburg
R#2021-0521	Chatham-Kent	6314 Langstaff Line, Wallaceburg
R#2021-0544	Chatham-Kent	471 Brown Street, Dresden
R#2021-0552	Chatham-Kent	7005 Dufferin Avenue, Wallaceburg
R#2021-0571	Chatham-Kent	8477 Wren Line
R#2021-0705	Chatham-Kent	6520 Base Line, Wallaceburg
R#2021-0721	Chatham-Kent	11255 Eberts Line
R#2021-0727	Chatham-Kent	15120 Zone Centre Line, Bothwell
R#2021-0735	Chatham-Kent	27957 Baldoon Road
R#2021-0765	Chatham-Kent	10256 Base Line, Chatham
R#2021-0774	Chatham-Kent	7005 Dufferin Avenue, Wallaceburg
R#2021-0798	Chatham-Kent	561 Robinson Street, Dresden
R#2021-0806	Chatham-Kent	7821 Mud Creek Line, Wallaceburg
R#2021-0807	Chatham-Kent	25157 Kent Bridge Road
R#2021-0830	Chatham-Kent	5072 Dufferin Avenue
R#2021-0840	Chatham-Kent	8477 Wren Line, Wallaceburg
R#2021-0841	Chatham-Kent	9112 Oldfield Line

R#2021-0456	Dawn-Euphemia	Lot 29, Con 5 Smith Falls Rd, Dawn Euphemia
R#2021-0470	Dawn-Euphemia	Lot severed from 6780 Bentpath Line
R#2021-0672	Dawn-Euphemia	550 Mawlam Road, Dawn-Euphemia
R#2021-0680	Dawn-Euphemia	5602 Bentpath Line, Dawn-Euphemia
R#2021-0813	Dawn-Euphemia	776 Florence Road, Euphemia
R#2021-0832	Dawn-Euphemia	Smith Falls Road (NE of 1464)
R#2021-0834	Dawn-Euphemia	Lot 25, Concession 4, (west of 3889 Bentpath Line), Dawn-Euphemia
R#2022-0057	Dawn-Euphemia	1345 Cairo Road, Euphemia
R#2021-0014	Enniskillen	3196 Black Ash Side Road, Enniskillen
R#2021-0795	Enniskillen	3165 Oakdale Road
R#2021-0805	Enniskillen	4180 Aberfeldy Line, Oil Springs, Enniskillen
R#2021-0822	Enniskillen	3924 Marthaville Rd
R#2019-086	Lambton Shores	9161 Wood Drive
R#2021-0121	Lambton Shores	6278 Spruce St
R#2021-0339	Lambton Shores	5120 Cedar View Drive
R#2021-0340	Lambton Shores	5174 Cole Street
R#2021-0410	Lambton Shores	5174 Cole Street
R#2021-0411	Lambton Shores	5174 Cole Crescent
R#2021-0412	Lambton Shores	5174 Cole Crescent
R#2021-0423	Lambton Shores	Lt 15 Pl 38 (Lake Valley Grove Road)
R#2021-0508	Lambton Shores	PT LOT 7 WEST IPPERWASH Road, Lambton Shores
R#2021-0529	Lambton Shores	6897 Clemens Line, Lambton Shores
R#2021-0537	Lambton Shores	West Ipperwash Road; Legal Desc: CON 19 S PT LOT 7 RP 25R5213;PART 1
R#2021-0541	Lambton Shores	6897 Clemens Line, Ipperwash
R#2021-0556	Lambton Shores	9171 Wood Drive, Lambton Shores
R#2021-0679	Lambton Shores	Lot 73 Freeman St
R#2021-0759	Lambton Shores	Part Lot 7, Concession 19, West Ipperwash Road, Bosanquet
R#2021-0767	Lambton Shores	6466 West Parkway Drive, Ipperwash
R#2021-0800	Lambton Shores	6502 West Parkway Drive
R#2021-0829	Lambton Shores	6734 East Parkway Drive
R#2022-0004	Lambton Shores	5445 Lake Valley Grove Road
R#2022-0043	Lambton Shores	9191 Wood Drive, Lambton Shores

R#2021-0118	Middlesex Centre	10254 Ilderton Road
R#2021-0277	Middlesex Centre	24091 Bear Creek Road
R#2021-0349	Middlesex Centre	10259 Ilderton Rd
R#2021-0780	Middlesex Centre	9815 Gold Creek
R#2021-0781	Middlesex Centre	9815 Gold Creek Drive
R#2021-0782	Middlesex Centre	9815 Gold Creek Drive
R#2021-0783	Middlesex Centre	9815 Gold Creek Drive
R#2022-0025	Middlesex Centre	11219 Hedley Drive
R#2021-0307	Oil Springs	4697 Oil Springs Line
R#2021-0776	Oil Springs	2593 Kelly Road, Oil Springs
R#2021-0849	Oil Springs	4728 Orchard View Drive, Oil Springs
R#2021-0408	Petrolia	4341 Discovery Line, Petrolia
R#2021-0428	Petrolia	4319 Petrolia Line
R#2022-0005	Petrolia	4495 Oil Heritage Road
R#2021-0354	Plympton-Wyoming	Marg Avenue (left of 7937)
R#2020-0161	Plympton-Wyoming	5592 Camlachie Road
R#2021-0190	Plympton-Wyoming	4889 Shirley Lane
R#2021-0211	Plympton-Wyoming	7151 Bonnie Doon Rd
R#2021-0342	Plympton-Wyoming	3424 Egremont Road (Drain 220)
R#2021-0347	Plympton-Wyoming	3692 Beverly Glen
R#2021-0378	Plympton-Wyoming	5575 Camlachie Road
R#2021-0389	Plympton-Wyoming	Lambton Lane (Between 4340 and 4346)
R#2021-0390	Plympton-Wyoming	7165 Bonnie Doon Road
R#2021-0429	Plympton-Wyoming	3190 Dana Street, Camlachie
R#2021-0473	Plympton-Wyoming	4145 Bluepoint Drive, Plympton-Wyoming
R#2021-0491	Plympton-Wyoming	3054 Sandpiper Trail, Camlachie
R#2021-0500	Plympton-Wyoming	4080 Blue Point Drive, Plympton-Wyoming
R#2021-0646	Plympton-Wyoming	b/t 4340 & 4346 Lambton Lane
R#2021-0704	Plympton-Wyoming	4145 Bluepoint Drive, Plympton
R#2021-0737	Plympton-Wyoming	3202 Egremont Road, Camlachie
R#2021-0787	Plympton-Wyoming	3865 Ferne Ave, Camlachie, Plympton-Wyoming
R#2021-0812	Plympton-Wyoming	6906 Maitland St.
R#2021-0823	Plympton-Wyoming	3296 Devonshire Road, Plympton
R#2021-0842	Plympton-Wyoming	Eton Court (Corner of 3222 Egremont Rd)

R#2021-0478	Point Edward	201 Louisa Street, Point Edward
R#2021-0084	Sarnia	2876 Old Lakeshore Road
R#2021-0086	Sarnia	1961 Blackwell Road
R#2021-0101	Sarnia	1715 Blackwell Road
R#2021-0265	Sarnia	1963 Michigan Line, Sarnia
R#2021-0350	Sarnia	507 Woodrowe Ave.
R#2021-0377	Sarnia	1798 Churchill Line
R#2021-0402	Sarnia	2343 Passingham Drive
R#2021-0460	Sarnia	2003 Helen Ave, Bright's Grove
R#2021-0550	Sarnia	1597 London Line, Sarnia
R#2021-0746	Sarnia	1929 Franklin Ave, Sarnia
R#2021-0751	Sarnia	1332 Michigan Ave, Sarnia
R#2021-0786	Sarnia	1352 Lake Chipican Drive, Sarnia
R#2021-0232	Southwest Middlesex	5853 Glendon Drive, Ekfrid
R#2021-0373	Southwest Middlesex	Coltsfoot Drive (beside 1850)
R#2021-0802	Southwest Middlesex	Various Locations
R#2020-0822	St. Clair	2801 St. Clair Parkway
R#2021-0160	St. Clair	411 Beresford Street, Corunna
R#2021-0382	St. Clair	Lot D St. Clair Parkway (Between 3817 and 3811)
R#2021-0393	St. Clair	411 Beresford Street
R#2021-0530	St. Clair	2274 Smith Line, Sombra
R#2021-0713	St. Clair	3472 Waterworks Road
R#2021-0741	St. Clair	4212 St. Clair Parkway, Sombra
R#2021-0784	St. Clair	498 Brigden Road
R#2021-0824	St. Clair	4849 St. Clair Parkway, Sombra
PL#2021-0100	Strathroy-Caradoc	6783 Century Drive
R#2021-0301	Strathroy-Caradoc	267 Deruiter Drive
R#2021-0320	Strathroy-Caradoc	571 Metcalfe Street
R#2021-0343	Strathroy-Caradoc	7163 Glendon Drive, Melbourne
R#2021-0380	Strathroy-Caradoc	399 Metcalfe Street
R#2021-0463	Strathroy-Caradoc	6953 Falconbridge Drive, Melbourne
R#2021-0495	Strathroy-Caradoc	8338 Scotchmere Drive
R#2021-0514	Strathroy-Caradoc	61 Clarence Street, Strathroy
R#2021-0516	Strathroy-Caradoc	135 Front Street E, Strathroy

R#2021-0647	Strathroy-Caradoc	23702 McEvoy Road, Mount Brydges
R#2021-0694	Strathroy-Caradoc	8249 Century Drive, Mount Brydges
R#2021-0738	Strathroy-Caradoc	399 Metcalfe Street E, Strathroy
R#2021-0752	Strathroy-Caradoc	8432 Pauline Crescent, Strathroy
R#2021-0760	Strathroy-Caradoc	225 Mill Pond Crescent, Strathroy
R#2021-0779	Strathroy-Caradoc	8432 Pauline Crescent, Strathroy
R#2021-0801	Strathroy-Caradoc	7275 Falconbridge Road, Melbourne
R#2021-0833	Strathroy-Caradoc	Across from 9032 of Glengyle Drive
R#2021-0839	Strathroy-Caradoc	9204 Glengyle Drive, Caradoc
R#2022-0019	Strathroy-Caradoc	505 Carroll Street East, Strathroy
R#2021-0535	Warwick	7043 Egremont Road
R#2021-0845	Warwick	7192 Confederation Line
R#2022-0003	Warwick	8363 Brick Yard Line, Watford
R#2022-0027	Warwick	6190 George Street, Warwick
Total Regulations Inquiries: 146		

Regulations - DART Completed Files

File Reference	Municipality	Drain / Watercourse
R#2021-0593	Brooke-Alvinston	Kelly Drain
R#2021-0719	Brooke-Alvinston	Orange Drain No. 2
R#2021-0739	Brooke-Alvinston	Totten Drain
R#2021-0763	Brooke-Alvinston	Government Drain No. 1
R#2021-0764	Brooke-Alvinston	Kelly Drain
R#2022-0044	Brooke-Alvinston	Smith Drain
R#2020-0775	Chatham-Kent	Hind Drain & South Branch
R#2022-0007	Chatham-Kent	13th Concession Drain East
R#2022-0008	Chatham-Kent	Baseline West Drain
R#2022-0030	Dawn-Euphemia	Brown Drain
R#202-0747	Middlesex Centre	Zavitz Drain
R#2021-0747	Middlesex Centre	Zavitz Drain
R#2022-0016	Plympton-Wyoming	Plympton Eady Drain
R#2022-0018	Plympton-Wyoming	Canton Drain
R#2022-0032	Plympton-Wyoming	McGail Drain
R#2022-0038	Plympton-Wyoming	Keating Drain

R#2022-0039	Plympton-Wyoming	Byrnes-Sutton Drain
R#2021-0797	Southwest Middlesex	McArthur Drain
R#2021-0826	Southwest Middlesex	Black Branch of Morrough Drain
R#2022-0006	Southwest Middlesex	Sutton Drain
R#2022-0009	Southwest Middlesex	Morrow Drain
R#2022-0031	Southwest Middlesex	McGregor Drain
R#2020-0703	St. Clair	Chowen
R#2020-0796	St. Clair	McDonald Drain No. 2
R#2021-0766	St. Clair	25 Sideroad Drain
R#2022-0020	Strathroy-Caradoc	Campbell Extension Drain
R#2022-0021	Strathroy-Caradoc	Bell Drain
R#2022-0024	Strathroy-Caradoc	Crawford Drain
Total DART Permits Issued: 29		

Regulations Inquiries - Drains

File Reference	Municipality	Drain / Watercourse
R#2019-845	Adelaide-Metcalfe	Browne-Petch
R#2020-0244	Adelaide-Metcalfe	Dodge and Dodge Lightfoot
R#2021-0729	Adelaide-Metcalfe	Toohill Drain
R#2020-0153	Brooke-Alvinston	Johnson Drain & Graham Bourne
R#2021-0818	Brooke-Alvinston	Johnston-Symington Drain
R#2021-0820	Brooke-Alvinston	Johnson Drain
R#2021-0821	Brooke-Alvinston	Bourne Drain
R#2022-0041	Brooke-Alvinston	Smith Drain
R#2020-0654	Chatham-Kent	Gordon Drain
R#2021-0387	Chatham-Kent	Crowell Creek Drain South Branch
R#2021-0606	Chatham-Kent	Northcott Drain
R#2021-0636	Chatham-Kent	Irving Drain
R#2021-0660	Chatham-Kent	DeBot Drain
R#2021-0702	Chatham-Kent	McDonald Drain
R#2021-0703	Chatham-Kent	Leeson Drain
R#2021-0748	Chatham-Kent	Upper Huff Drain
R#2021-0750	Chatham-Kent	Stephen Henson
R#2021-0768	Chatham-Kent	Collop Drain
R#2021-0769	Chatham-Kent	Coveny Drain

R#2021-0770	Chatham-Kent	McKenzie pump
R#2021-0814	Chatham-Kent	Dankey Creek Drain
R#2021-0819	Chatham-Kent	Best Drain
R#2021-0542	Dawn-Euphemia	Wilkins Drain
R#2020-0539	Enniskillen	Plympton Hunter Drain
R#2020-0540	Enniskillen	Bradley Drain
R#2021-0282	Enniskillen	4th Concession Drain
R#2021-0809	Enniskillen	Perry Drain
R#2021-0846	Enniskillen	German Drain and Perkins Drain
R#2019-534	Middlesex Centre	Bear Creek Branch 6
R#2021-0728	Middlesex Centre	Taylor Drain Branch No. 1
R#2021-0579	Plympton-Wyoming	Passingham Ferguson Drain
R#2021-0586	Plympton-Wyoming	Waterside Estates Cut-off Drain
R#2021-0808	Plympton-Wyoming	Mandaumin Drain
R#2021-0810	Plympton-Wyoming	Whiting Drain
R#2021-0811	Plympton-Wyoming	Egremont Road at O'Brien New Drain
R#2022-0012	Plympton-Wyoming	Canton Drain
R#2022-0013	Plympton-Wyoming	Queen Street TBD
R#2019-752	Sarnia	Woods Creek Drain
R#2021-0345	Sarnia	Goodison Drain
R#2021-0725	Sarnia	Woods Creek Drain
R#2021-0730	Sarnia	Cut-Off Drain
R#2021-0742	Sarnia	Cut-Off Drain outlet
R#2022-0023	Sarnia	Goldie Lewis Drain
R#2022-0036	Sarnia	New Drain
R#2020-0281	Southwest Middlesex	Kavelaar Drain
R#2021-0724	Southwest Middlesex	Kavlaar Drain
R#2021-0793	Southwest Middlesex	Camplin Drain
R#2019-655	St. Clair	McGillivray Drain
R#2020-0145	St. Clair	Churcher Drain
R#2021-0733	St. Clair	Government Drain No. 3 Branches 1-3
R#2021-0773	St. Clair	McGillivray Drain
R#2022-0033	St. Clair	Miller-Moffat Drain
R#2021-0145	Strathroy-Caradoc	Slegers-Melbourne Road Drain

R#2022-0001	Strathroy-Caradoc	Strathroy Crossings
R#2022-0002	Strathroy-Caradoc	Ballantine-Hillen Drain
R#2021-0775	Warwick	Dare Drain
R#2022-0028	Warwick	Woolvett Drain
R#2022-0029	Warwick	Brown-Jarriott Drain

Total Regulations Inquiries Regarding Drains: 58

Meeting Date: February 24, 2022 **Item 16.1 (g)**
Report Date: February 3, 2022
Submitted by: Emily Febrey, Stewardship Communications Technician,
 Erin Carroll, Director of Biology
 Jessica VanZwol, Healthy Watersheds Specialist

Subject: Healthy Watershed Program and Biology Department update

Recommendation:

That the Board acknowledges the report dated February 3, 2022 on Healthy Watersheds Program and Biology Department Update

Background:

To encourage uptake and implementation of best management practices (BMPs) and stewardship amongst farmers and rural landowners within our watershed, SCRCA provides relevant information regarding the building of soil health, conservation, and water quality through workshops, conferences, newsletters and social media. To ensure we share good quality information to landowners, we have established various partnerships within the agricultural and research communities.

These are some ways we collate relevant information to disseminate to farmers and landowners in our watershed:

- We worked with Dr. Laura Van Eerd of University of Guelph, Ridgetown Campus to create a student project to create infographics for SCRCA social media that highlight aquatic species at risk and how on-land stewardship actions by landowners in our watershed could help protect them. These infographics were shared on Facebook and Instagram. Some of Dr. Van Eerd’s students are from our watershed and are familiar with the Sydenham River (funded through Fisheries and Oceans Canada, DFO).
- January 11 - 21 - SCRCA Biologists gave a talk “Protecting Aquatic Species at Risk in Ontario: A Day in the Life of a Conservation Biologist” to 7,187 students attending livestreaming events where SCRCA staff spoke about day-to-day life about studying aquatic species at risk in the Sydenham River.
- January 26 - Jessica Van Zwol, Healthy Watershed Specialist and Emily Febrey, Stewardship Communications Technician coordinated a virtual Soil Health Conference,



Snuffbox Mussel
(Epioblasma triquetra)
 Species at risk status: Endangered

The Snuffbox is a freshwater mussel 2 inches in size

Larva attach to a host fish where they gather nutrients until becoming juvenile mussels

The Snuffbox mussel likes clean, shallow fast moving water

Smithsonian Institution, National Museum of Natural History, Department of Invertebrate Zoology, some rights reserved (CC BY-NC-SA)

In Ontario the Snuffbox can be found only in the East Sydenham river, and Ausable river

Threats

- The Snuffbox requires clean water, runoff from agriculture causes excess silt in the watershed
- Invasive fish species such as the Goby threaten the natural host fish species and eat juvenile mussels
- Invasive Zebra mussels have threatened natural habitat, and can latch on and suffocate a Snuffbox

What can be done?

- Landowners can maintain buffers between fields and streams to prevent runoff.
- Sydenham River Action Plan and Ausable River ecosystem recovery strategy were established to protect habitat, monitor and increase awareness

Created by Alesia Moore Environmental Management Student at University of Guelph Ridgetown Campus in partnership with the St. Clair Region Conservation Authority. For more info SCRCA website www.scrca.on.ca

that featured 18 speakers who were farmers from our watershed (and beyond), Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) staff, Conservation Authority staff, Certified Crop Advisors, and other soil experts. This event saw over 130 registrants (101 participants the day of) and was geared to SCRCA farmers and how we can work together to build healthier soils through BMPs and knowledge sharing. Through a participant survey, staff were able to gather data on how well the conference was received; 93% of respondents stated that they were equipped with new knowledge and ideas to incorporate into their farming. One participant even stated: "I was overwhelmed at the amount of knowledge there is on soil health. Excellent conference". This event was shared widely on social media, by word of mouth and an array of publications. The Soil Health Conference was funded in part by OMAFRA and DFO. All ten (10) sessions can be found on the SCRCA YouTube here: https://youtube.com/playlist?list=PLfbrRj3-5WI17uvlvIWro_9Zui3v68vPd. The videos were uploaded January 31 and already have been viewed 200 times.

- January 27 - Craig Paterson, Conservation Biologist gave a talk to the Issues and Advancements in Fish and Wildlife Course at Fleming College. At the lecture he outlined career path, job opportunities and all aquatic SAR monitoring and research conducted at SCRCA. These types of presentations help attract top-level job candidates to SCRCA's various contract positions.
- December 7 & 8, 2021, Craig Paterson gave a presentation "Summary of St. Clair Region Conservation Authority Sampling of Freshwater Mussel Populations in the Sydenham River" at The Canadian Freshwater Mollusc Research Meeting. He highlighted the findings of the 2021 summer mussel monitoring program and beyond. About 150 specialists attended his talk from across Canada. This presentation put research work research conducted by SCRCA on stage for peer input by the nation's top mussel researchers.
- October 28, 2021 - Craig Paterson gave a talk "Desperation not Conservation: A Conservation Authority's Attempt to Save One of Canada's Most Endangered Freshwater Turtles" for the Ontario chapter of the Wildlife Society membership, outlining SCRCA's Captive Hatch and Release program for the endangered Eastern Spiny Softshell Turtle. Monthly webinar series. This type of networking and sharing among peers allows SCRCA to continue to improve and evolve programs.

Staff continue to work on projects that aim to improve the health of the watershed by engaging the local community and experts in identifying and addressing environmental issues. These projects include:

- Sydenham Watershed Phosphorus Management Plan being undertaken with financial support from Environment and Climate Change Canada as well as the Ontario Ministry of the Environment, Conservation, and Parks Great Lakes Program
- Sydenham River Aquatic Species at Risk Threat Inventory being undertaken with funding from the DFO Habitat Stewardship Program for Aquatic Species at Risk.

Funding Applications:

The Biology department is self-funded from a number of grants and contracts with Provincial, Federal and municipal governments. Recent grant applications include:

- DFO Habitat Stewardship Program for Aquatic Species at Risk – submitted December, 2021 - Requested \$42,500 for 2022-2023 to support the development of the Sydenham River Aquatic Species at Risk Threat Inventory
- Nature Canada Winter Youth Grant– submitted December 2021, secured 50% support for a Stewardship Communications Technician for January-March, 2022
- ECCC EcoAction - submitted January, 2022 - Requested \$100,000 over 2022-2024 to support on the ground phosphorus reduction projects and outreach programs
- ECCC Habitat Stewardship Program for Species at Risk – 2022-2023 – submitted Jan 22, 2022 – Requested \$95,000 over three years towards SCRCA’s Captive Hatch and Release Program for Spiny Softshells.
- Ontario Ministry of Labour, Training and Skills Development, Skills Development Fund - Round 2 (Fall 2021) February, 2022 - Asked for \$178,000 for to hire 3 aquatic interns for 12 months each.
- MECP Great Lakes Local Action Fund – grant application, in progress submission, deadline March 11, 2022. Looking for provincial funding support for Spotted Gar habitat at the Keith McLean property in Rondeau.

Grant Updates

- Ontario Nature (through MECP Species at Risk Stewardship Program) - submitted January 2021, notified December 2021 that SCRCA will receive \$15,000 in support of Spiny Softshell turtle outreach and education activities for April 2021 to March 2022. Among other things, this funding will go towards development of mini-documentary, virtual SAR education programming and social media posts. SCRCA should receive contribution agreement shortly.
- EcoCanada submitted February, 2022 - asked for support for a Watershed Monitoring Technician. EcoCanada pays up to 80% for up to a year. This funding request was denied.
- MECP COA (HLH)- submitted June 2021. \$60,000 - support for the Healthy Lake Huron Program in Lambton Shores for April 2022-March 2023. We are awaiting a contribution agreement for signature.
- MECP Ontario Community Environment Fund – submitted June 2021 – Requested \$80,800 for September 2021- October 2022 to support our Healthy Watersheds Program, landowner stewardship project implementation and a bank stabilization project at Warwick Conservation Area. We have been told an announcement should be made soon.
- MECP COA –submitted July 2021. \$115,000 – support for the Sydenham River Phosphorus Management Plan for April 2021-March 2023. We are awaiting a contribution agreement for signature.
- Wildlife Habitat Canada – submitted October, 2021, requesting \$45,000 for Restoring Wetlands and improving wetland awareness in the St. Clair Region project for the 2022-2023 fiscal year. We were informed February 2022 that this project was denied.
- DFO Canada Nature Fund of Aquatic Species at Risk, submitted October 2021. Requested: \$1.5M for Ecosystem Approach for Recovery of Species at Risk in the St. Clair Watershed in Canada (with a focus on the Sydenham River). This application was not funded. This grant was to cover stewardship, education and outreach and aquatic monitoring programs. Although salaries and wages are eligible costs in this program, we

were advised that our application was turned down because our request for this category was too high.

- DFO Canada Nature Fund of Aquatic Species at Risk, submitted November 2021. Requested \$172,000 from 2022 to 2026 for the construction of Spotted Gar habitat at the Keith Mclean Property in Rondeau. We have heard that this project will only partially be supported. Presently, it is unknown what percent of the overall ask SCRCA will receive.

Strategic Objective(s):

The Biology and Healthy Watershed Programs fulfil Goals 2 and 3 of the St. Clair Region Conservation Authority strategic objectives; Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes and provide recreation and education opportunities for the public to enjoy and learn from our natural environment. The objective is being achieved through the strategic action; Develop new tools to promote stewardship practices and evaluate the effectiveness of Best Management Practices and Focus on Programs to Reduce Phosphorous Loading into the Great Lakes.

Meeting Date: February 24, 2022
Report Date: February 10, 2022
Submitted by: Craig Paterson

Item 16.1 (h)

Subject: Results from the 2021 Captive Hatch and Release Program

Recommendation:

That the Board of Directors acknowledges the report on the results from the Captive Hatch and Release program conducted by SCRCA Biology in 2021

Background:

As of 2018, all eight turtle species that call Ontario home are designated as species at risk, including the well-known Painted Turtle. All face declines driven by human activities. Many are facing imminent extinction without the intervention of conservation efforts like SCRCA's Captive Hatch and Release Program. The program was founded in 2016 following 22 years of research and monitoring by several organizations including SCRCA to determine population sizes and nesting locations. Efforts are targeted towards Canada's most aquatic turtle, the endangered Eastern Spiny Softshell. It is estimated only 1000 individuals remain in our rivers, lakes and streams.

Requirements for Success:

From early June to July, turtle nesting locations that are at risk of predation or destruction within the watershed are monitored by SCRCA biologists, who also investigate sightings reported by local residents. This requires a seven day a week commitment and collaboration with the Upper Thames Region Conservation Authority and Salthaven Wildlife Rehabilitation and Education Center to effectively monitor, locate, excavate and incubate turtle eggs. During August and September, turtle eggs begin to hatch. Hatchlings are collected daily and biology staff return each hatchling to the collection site for release.

2021 Results:

2021 marked the 6th year of SCRCA's Captive Hatch and Release program for turtles at risk and the most successful year on record. An incredible 2188 turtle hatchlings were released. Although the program focuses on the endangered Eastern Spiny Softshell Turtle, eggs from five native turtle species at risk were rescued and the hatchlings were released including 1,187 Spiny Softshell, 590 special concern Northern Map Turtle, 343 special concern Snapping Turtle, 56 special concern Midland Painted Turtle, and 12 threatened Blanding's Turtle.

To amplify the significance of the 2021 results, in 2016 only 67 Softshell hatchlings were located and released.

Financial Impact:

Although the results from this program often provide a 'feel good story', capturing the hearts and imagination of local residents of all ages, its existence is not absolute. Funding for this program is obtained through self generated revenue and external grant proposals, resulting in a lack of funding consistency and continued year-to-year risk assessments on the future of the program. It is imperative this work be conducted each and every year.

Even though the success of the program has dramatically increased, the consistency of funding has not.



Meeting Date: February 24, 2022 **Item 16.1 (i)**
Report Date: February 7, 2022
Submitted by: Melissa Levi and Myra Spiller

Subject: Conservation Education Progress Report

Recommendation:

That the Board of Directors acknowledges the Conservation Education Progress Report dated February 7, 2022.

Strategic Objectives(s):

Goal 3 – Provide recreation and education opportunities for the public to enjoy and learn from our natural environment.

Fall Education Program Summary

COVID-19 continues to impact Conservation Education. While some aspects of St. Clair Conservation's Education traditional programs have resumed, other aspects of Conservation Education continue to adapt and evolve. We are thrilled to be able to share our successes.

Traditional Field Trips at L.C. Henderson Conservation Area: Some schools/school boards announced that field trips were once again permitted beginning September of 2021. St Clair staff responded quickly to accommodate this change; hosting a total of 775 students (from seven of SCRCA's member municipalities). Changes to the number of classes/schools attending the site per day, program locations, and sanitization practices were implemented to minimize potential participant/staff exposure to COVID-19.

Nature In Your Neighbourhood: St Clair continues to offer schoolyard programming for schools that remain unable to visit the Conservation Area. This program choice was delivered to 929 students (favoured by two of SCRCA's member Municipalities). French language schools continue to access Nature in Your Neighbourhood programs, with over 200 French language students benefiting in the fall of 2022.

Live-Stream with a Naturalist: This program format continues to be in high demand. A total of 493 students participated this fall – the program was particularly popular among our French language participants with both local and 'out of watershed' schools.

Aquatic Species at Risk Webinars - Funded by Canada Nature Fund January 10 – January 19th, 2022

During the provincially mandated return to at-home virtual learning in early January 2022, St. Clair Education staff acted quickly to assist teachers and students. In an attempt to engage as many at-home learners as possible, a new 'webinar-style' live-stream Aquatic Species at Risk program was created. St. Clair's Biology team partnered with Education staff to add their expertise to the webinars. Two teachers from local school boards (Lambton Kent District School Board and Conseil Scolaire Catholique Providence) volunteered to moderate the sessions. The feedback from teachers was exceptional. Over the course of just 8 days, the SCRCA connected with 7,187 students (in both French and English, Kindergarten to Gr 12) from across the watershed (and the province).

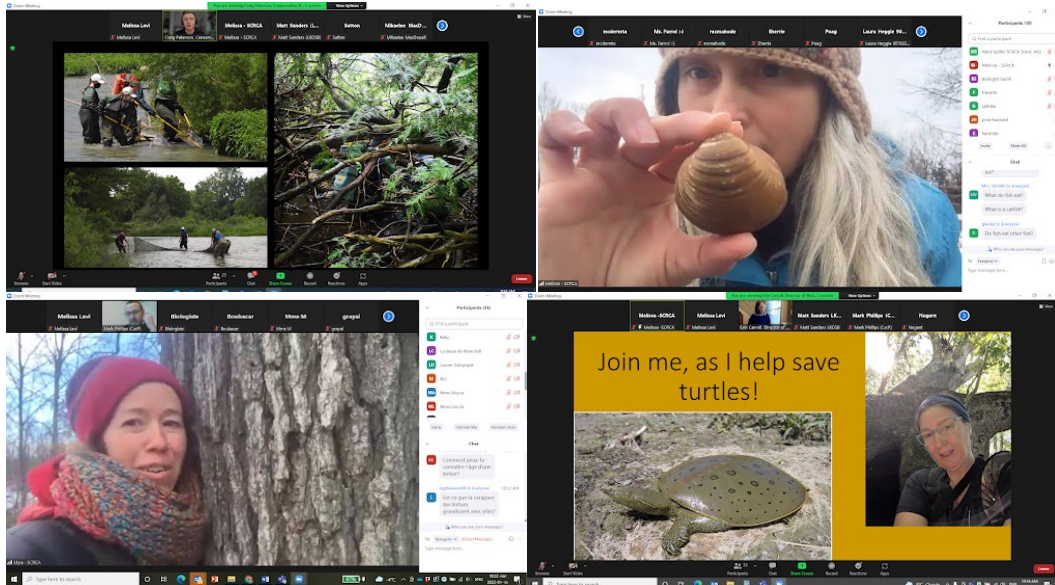
Teacher Feedback for Aquatic Species at Risk Webinars:

“INCREDIBLE, as always, Melissa and team. I'm always singing your praises to anyone who will listen and you never disappoint.” – Matt S.

“Thanks so much. All teachers appreciate having other options while being stuck online, but in addition to that, you always teach us so much. Your ability to teach is really top notch. Seeing you outside was a nice change of scenery too. My students were active and really enjoyed it. Many stayed on till the very end, even though we ended (class) a little before that. Keep up the great work.” – Adam M.

“So that was incredible! Well done! The kids and I loved it. It was nice to be able to interact with the kids while you walked and taught. And now we want to know all about fish and turtles! Thank you for the time and effort. It means a lot. :)” – Jean B

Screenshots captured during the 'live' Aquatic Species at Risk Webinars:



Winter Education Programs

St. Clair Conservation continues to offer programming in-person outdoors and virtually in the classroom. Free Sponsored programs continue to be a good option for the winter months. St Clair is fully booked for all sponsored programs that are currently offered. For a full list of our current programs check www.scrca.on.ca/govirtual.

Phosphorus 101: Sponsored by Friends of the St. Clair River and EcoAction Canada, this program introduces students between Grades 8-12 to the issue of phosphorus loading into our watershed and Lake Erie. The live-stream version of the program was fully booked within a few days of its launch; approximately 400 students will participate in 2022.

Watershed 101: Friends of the St. Clair River continue to sponsor this live-stream program which focuses on the interconnectivity between land and water. Students in Grades 6-8 will 'tour' the conservation area, learning about watershed management and how 'what happens upstream impacts downstream'. This program is fully booked for 2022 with approximately 425 students expected to participate.

Spring Water Awareness Schoolyard Program: Plains-Midstream Canada continues to sponsor this program. Staff are developing a 'Schoolyard' version for delivery in April. Students will learn how fast, cold, flood water creates 'dangerous water' through a series of activities and games on their schoolyard. The program is fully booked for 2022; approximately 800 students will participate. Due to the exceptional response from teachers, a waiting list has been created.

Bluewater Association for Safety, Environment and Sustainability (BASES)

Programming: Program development is well underway for the "What's in the Water" (FDK) and "Lights, Energy, Action!" (Grade 1) programs, which will be delivered in a hybrid format. Teachers and students will receive all the materials for a hands-on experience in the classroom, which will be led virtually by an SCRCA Educator. Pilot tests were highly successful and received excellent feedback. Over 20 teachers (~450 students) have already expressed interest in booking the program.

Maple Syrup Program: This fee-based program is being offered in two formats for March, 2022. Students can participate via 'Live-Stream with a Naturalist' or in-person for a traditional field trip at the A.W. Campbell Conservation Area. Both options are nearly fully booked, with approximately 350 students participating over a two-week period.

Webinar Programs – New 2022

St. Clair Education is now offering fee-based webinars to our local school boards. As per direction from the SCRCA Board of Directors, the fee for these webinars is \$500.00 for a 1-hour webinar. Lambton Kent District School Board has booked 12 webinars for the winter/spring 2022 season.

Kettle and Stony Point First Nation – Canadian Nature Fund, Year 3

St. Clair Staff continue to work closely with the Principal, Ojibwee Language program, and Hillside teachers to assist with the development and delivery of the land-based education initiative this school year (September, 2021 - June, 2022). Staff have been visiting the school weekly to take 'bushwalks' with each grade in the school (Kindergarten-Gr 8). Outdoor Education 'bushwalks' involve a walking field trip to a local woodlot to participate in various Conservation Education programs.

Special Events 2022

A.W. Campbell Maple Syrup Festival

Date: Saturday, March 19 to Sunday, March 20, 2022

Time: 10 am to 3 pm

Location: A.W. Campbell Conservation Area



Sydenham River Canoe and Kayak Race

TO BE CONFIRMED

Date: Sunday, May 1, 2022

Start Location: Mossie Line at Sydenham River

End Location: Shetland Conservation Area



Denning's Memorial Walk to Remember

Date: Saturday, June 18, 2022

Time: To Be Confirmed

Location(s): To be Confirmed, Strathroy

Ipperwash Beach Shoreline Clean-up

TO BE CONFIRMED

Date: Saturday, September 10, 2022 (Tentative)

Time: 9 am to 11 am

Location: Centre Ipperwash Beach Boat Launch



A Geocaching Adventure

Date: Sunday, September 11, 2022

Time: 9 am

Location: Lorne C. Henderson Conservation Area

Foundation Memorial Forest Dedication

Date - Sunday, September 25, 2022

Time: 2 pm

Location: Lorne C. Henderson Conservation Area



For details on events, visit www.scrca.on.ca



Meeting Date: February 24, 2022
Report Date: January 24, 2022
Submitted by: Greg Wilcox

Item 17.1 (a)

Subject: Conservation Area Day Use Regulations, Overnight Camping Rules and Regulations, and Overnight Camping Reservation Policy

Recommendation:

That the Board of Directors approves the Conservation Areas Policies and Regulations for “Day Use and Facilities”, “Overnight Camping”, and “Overnight Camping Reservations and Information” and permit staff to implement minor updates in future years.

Background:

A number of policies govern camping and day use of SCRCA’s Conservation Areas. Policies have been developed/updated to communicate SCRCA’s rules and regulations to the public. Attached to this report are the following updated Conservation Areas Policies:

- Day Use and Facilities
- Overnight Camping
- Overnight Camping Reservations and Information

Day Use and Facilities

The “Day Use and Facilities” Policies and Regulations document is newly developed. This document aligns day use policies with camping policies wherever possible. This document will be made available to the public on-line. The content of this document aligns with current operations; no significant changes have been made to the Authorities Day Use rules.

Overnight Camping

The “Overnight Camping” Policies and Regulations document has been updated to align with the seasonal camping policy that was updated in 2021. The only significant change is that golf carts will only be permitted for seasonal campers. The collection of liability insurance documentation, signed golf cart rules, and applicable fees is too difficult for transient campers.

Overnight Camping Reservations and Information

Regulation	Change from Previous
Minimum stay on Holiday weekends	Now includes Canada when the holiday falls on a Friday, Saturday, Sunday, or Monday
Cancellation within 24 hrs of reservation qualify for partial refund (excluding reservation fee, cancellation fee, and 1 night’s camping fee)	Partial refund was provided (excluded reservation fee and cancellation fee)
Explanation of AW Campbell CA group camping reservations	Was not previously included in reservation policy



Conservation Area Policies & Regulations Day Use & Facilities

205 Mill Pond Crescent, Strathroy, ON, N7G3P9

www.scrca.on.ca

Updated: February 24, 2022

Conservation Area Activities

- All federal, provincial, and municipal laws apply while on SCRCA properties. Contravention of these laws may result in fines and/or eviction.
- No excessive noise or disturbance permitted at any time.
- Possession or consumption of alcohol in the Day Use area is prohibited.
- Smoking of cannabis is permitted only in open spaces, like trails and parking lots. Smoking of cannabis is not permitted in enclosed public spaces, washrooms, shelter areas, or within 20m of a playground or sporting area.
- Cultivation of cannabis is prohibited.
- The possession or use of drones for personal or recreational use is prohibited.
- Camping is permitted only on designated campsites with a valid permit (AW Campbell, LC Henderson, and Warwick CA's)
- Power boats and personal watercraft (e.g., jet ski, seadoo, etc.) are not permitted within Conservation Area ponds/reservoirs
- Fires are permitted only on designated campsites with a valid camping permit (AW Campbell, LC Henderson, and Warwick CA's).
- Domestic animals must be under the control of its owner at all times including being on a leash 2m or shorter in length. Owners must clean up after their pets.
- Horseback riding is not permitted.
- The possession or use of a slingshot, air rifle, firearms or archery equipment is strictly prohibited. Use or possession of the above may result in charges under the law and/or immediate eviction.

Permits and Vehicles

- At AW Campbell, LC Henderson, and Warwick CAs, applicable day use fees must be paid for entry.

- All CA visitors are to park in designated parking areas.
- Conservation Area Day Use hours are:
 - November 1 to March 31 – 7am-7pm
 - April 1 to October 31 – 6am-9pm
 Conservation Area hours may be restricted as necessary.
- Off-road vehicles (e.g. ATVs, Snowmobiles, etc.) are not permitted within any of the SCRCA's conservation areas. The use of E-bikes is permitted on conservation area roadways only. All other power-assisted, low speed vehicles are not permitted with the exception of single rider assistive devices.
- Events or gatherings wishing to use SCRCA Conservation Areas must obtain permission from the Authority and provide proof of liability insurance.

Environment and Conservation

- Collecting, cutting, removing, or destroying any plant, tree, or other living object is strictly prohibited.

Facility Reservations

- Pavilions at AW Campbell, LC Henderson, and Warwick CA may be reserved during the camping season (contact campground staff for details). Fees apply. Pavilions at Wawanosh CA and Coldstream Ca may be reserved and fees apply (contact SCRCA's Manager of Conservation Areas). Reservations are required for all organized gatherings. In addition to rental fees, proof of insurance is required for any gathering/event. If a pavilion is not reserved, day use visitors may use a pavilion on a first come, first served basis at no cost.

NOTE: Provincial Regulations are made under the Conservation Authorities Act and are available online at:

[R.R.O. 1990, Reg. 131: CONSERVATION AREAS - ST. CLAIR REGION \(ontario.ca\)](http://www.ontario.ca)

[O. Reg. 688/21: RULES OF CONDUCT IN CONSERVATION AREAS \(ontario.ca\)](http://www.ontario.ca)



Conservation Area Policies & Regulations Overnight Camping – REVISED- COVID-19, DEC 10, 2021

205 Mill Pond Crescent, Strathroy, ON, N7G3P9

www.scrca.on.ca

A.W. Campbell
Conservation Area
8477 Shiloh Line, Alvinston
(519) 847-5357
campbell@scrca.on.ca

L.C. Henderson
Conservation Area
3653 Petrolia Line, Petrolia
(519) 882-2280
henderson@scrca.on.ca

Warwick
Conservation Area
6101 Warwick Village Rd,
Warwick
(519) 849-6770
warwick@scrca.on.ca

Note: All Conservation Area (CA) rules and regulations are subject to revision without notice at the discretion of the Superintendent. Any questions regarding policies and regulations should be directed to park staff.

REVISIONS:

Covid -19 continues to be a very fluid situation and SCRCA policies and regulations for overnight camping may change throughout the season. Staff will ensure that changes are communicated electronically as necessary. Revisions that have been made as of the date above are identified in *red italics*, to help campers quickly identify changes. Any questions about the policies and regulations should be directed electronically to park staff

General

- All federal, provincial and municipal laws apply while on SCRCA properties. Contravention of these laws may result in fines and or eviction.
- Any alterations, additions or modifications to CA property must be approved by the Superintendent/Designate. Excavations are not permitted.
- SCRCA is not responsible for any lost, stolen, or damaged property.
- Campsite reservations are site specific and are made through stclair.goingtocamp.com.

Conservation Area Activities

- No excessive noise or disturbance permitted at any time. Quiet hours are from 11:00 p.m. to 8:00 a.m. No audio devices, musical instruments, etc. during quiet hours. Generators are prohibited.
- The possession or use of drones for personal or recreational use is strictly prohibited.
- The possession or use of a slingshot, air rifle, firearms or archery equipment is strictly prohibited. Use or possession of the above may result in charges under the law and/or immediate eviction.
- ATV's are not permitted within any of the SCRCA's conservation areas. The use of E-bikes is permitted on conservation area roadways only. All other power-assisted, low speed vehicles are not permitted with the exception of single rider assistive devices.

Alcohol/cannabis bans prohibit the possession or consumption of alcohol and cannabis anywhere within the property including registered campsites.

Alcohol/cannabis ban in effect Victoria Day weekend from Friday at noon, until Monday at noon.

- Outside of a ban, consumption of alcohol is permitted on registered campsites only. Transporting alcohol off your campsite is not permitted.
- Outside of a ban, consumption of cannabis is permitted on registered campsites and in open spaces, like trails and parking lots. Smoking of cannabis is not permitted in enclosed public spaces, washrooms, shelter areas, within 20m of a playground or sporting area (such as horseshoe pits, volleyball courts, etc.), in a canoe/kayak, in a golf cart, or within pool enclosures.
- Cultivation of cannabis is prohibited within all SCRCA Conservation Areas.
- All visitors are to park in designated parking areas. Visitors must vacate the property by 11 p.m. nightly.
- All day use and overnight visitors are subject to the fees that govern the use of the conservation area. Campground and day use hours may be restricted at the discretion of the Campground Superintendent.
- No person shall possess or ignite fireworks.
- Pet owners must comply with all provincial legislation and local animal control bylaws. Pets are prohibited in washrooms, showers, buildings,

or pool enclosures unless they are designated service animals. No more than two pets are permitted on a single campsite. All pets are to be on a leash that does not exceed 2 meters (6 feet) at all times. Owners must clean up after their pets. No pets shall be left unattended or permitted to disturb others. Pet owners must ensure their pet does not make excessive noise. Aggressive/inappropriate behavior of a pet will result in immediate removal of the pet from the CA.

16. Pools: Parents/guardians are responsible for the supervision of their children. Swimmers will be required to follow SCRCA's Public Swimming Admittance Procedure which may require the completion of a swim test. No glass or food allowed in the swimming pool area. Everyone within the pool enclosure must follow the posted rules and the instructions of the lifeguard.

Permits & Vehicles

17. Campsite permit holders must be at least 18 years of age and be the primary occupant of the site.
18. Permit holders must ensure that all individuals occupying the site do not interfere with quiet, peaceful use and enjoyment of conservation authority lands by other campers and CA visitors.
19. Overnight campsite permits authorizes four adults or one family unit (two adults, and any unmarried children, under age 18) to occupy the campsite. A maximum of six overnight campers including occupants and visitors are permitted on any site at once.
20. Posted speed limits must be observed. Vehicles must be operated in a way that respects the Highway Traffic Act as well as the Conservation Authorities Act while within park boundaries. Passengers are not permitted to ride in the bed of a truck.
21. Two vehicles are permitted on an individual site at any time.
22. Only seasonal campers are permitted to use golf carts due to challenges collecting proof of liability insurance, and the associated fees.

Campsite Equipment

23. A permit allows three pieces of sheltered equipment and two vehicles on an individual campsite at one time. Only one piece of sheltered equipment can be a tent trailer, house trailer or self-propelled camping unit.
24. All trailers must be professionally manufactured by a trailer manufacturing company for the purpose of camping. All trailers must have permanent wheel carriage.

25. Trailer size is limited to 40 feet long and 8.5 feet wide (based on manufacturer's specifications) and must comply with individual site restrictions.
26. All sites must be aesthetically pleasing and kept in a neat and clean condition at the discretion of the Superintendent/ Designate.
27. Removal of items on the site may be requested at any time due to maintenance and/or safety concerns.
28. Swimming pools, wading pools, hot tubs, outdoor spas, large recreational equipment (e.g. trampolines, personal playground equipment) are not permitted.
29. Removal of items on the site may be requested at any time due to maintenance and/or safety concerns.

Waste Disposal

30. Trash must be bagged and deposited in the waste bins provided.
31. Recycling bins are provided at the conservation area. Please use them responsibly – following usage guidelines provided.
32. Furniture, appliances, barbeques, construction material, and hazardous items must not be disposed of within the conservation area.

Environment & Conservation

33. Collecting, cutting, removing, or destroying any plant, tree, or other living object is strictly prohibited. Do not strip bark, use nails or attach wires to trees or shrubs.
34. To help limit the spread of invasive species and disease, all firewood must be purchased locally. SCRCA has firewood available for sale by the bundle in each campground.
35. All firewood must be cut prior to entering the campground. Up to one face cord of firewood may be stacked neatly and stored on the campsite or in a shed. No skids, pallets or construction materials are permitted. Collecting firewood and the use of chainsaws within SCRCA's property is prohibited.
36. In the event of a fire ban, all site occupants are expected to comply with the order of the Fire Chief or Fire Marshall. Campfires must NEVER be left unattended and flames should not reach more than 2 feet off the ground.

Other specific Covid-19 Related Requirements

37. *In order to prevent the spread of Covid-19, all campers must adhere to social distancing directions, group size limitations, and other Provincial Orders. If you are feeling unwell, you are asked to refrain from visiting the campground.*
38. *If campers have a comment, compliments, or complaint, they are asked to either call the park*

by phone or email staff, to reduce the risk of spreading Covid-19.

39. Available park facilities may change throughout the season to comply with public health

recommendations and to reduce the risk of spreading Covid-19.



2022 Conservation Area Policies & Regulations Overnight Camping Reservations and Information

205 Mill Pond Crescent, Strathroy, ON, N7G3P9

www.scrca.on.ca

A.W. Campbell
Conservation Area
8477 Shiloh Line, Alvinston
(519) 847-5357
campbell@scrca.on.ca

L.C. Henderson
Conservation Area
3653 Petrolia Line, Petrolia
(519) 882-2280
henderson@scrca.on.ca

Warwick
Conservation Area
6101 Warwick Village Rd,
Warwick
(519) 849-6770
warwick@scrca.on.ca

Reservations

- Reservations can be made on-line only at stclair.goingtocamp.com beginning the second Monday in January at 8 am each season.
 - **Campground reservations will be delayed until March 21, 2022 due to uncertainty of capacity restrictions from Covid-19**
- **Due to Covid-19, campsite availability may change, causing the cancellation of some reservations**
- Reservations can be made directly through each campground (by phone) starting March 15 each season in addition to on-line.
 - **Campground reservations will be delayed until March 21, 2022 due to uncertainty of capacity restrictions from Covid-19**
- All campsite reservations are site specific.
- All campsite reservations must be paid in full at the time of booking.
- All campsite reservations are subject to a \$14.00 reservation fee.
- A 3 night reservation that includes either a Friday and Saturday, or a Saturday and Sunday, is required for the following holiday weekends:
 - Victoria Day long weekend
 - Canada Day long weekend when July 1 falls on a Friday, Saturday, Sunday, or Monday
 - Civic long weekend
 - Labour Day long weekend
- You must be 18 years of age or older to hold a camping permit. The permit holder must occupy the campsite.
- Overnight campsite permits authorizes four adults or one family unit (two adults, and any unmarried children, under age 18) to occupy the campsite. A maximum of six overnight campers including occupants and visitors are permitted on any site at once.
- Reservations are held until 12:00 pm (noon) of the day after your scheduled arrival date.
- Check in time is after 2:00 pm.

- Check out time is before 12:00 pm (noon).
- There are no refunds for a shortened stay or inclement weather.

Changes and Cancellations

- Changes or cancellations can be completed on-line or by contacting the campground directly, after March 15. Please have your booking number ready.
- The following fee(s) will be charged:
 - \$6.00 for each change
 - \$20.00 for each cancellation
- Changes are not permitted after 12:00 (noon), 24 hours prior to the scheduled arrival date.
- Cancellations made before 12:00 pm (noon), 24 hours prior to the scheduled arrival date, qualify for a full refund (excluding reservation and cancellation fees).
- Cancellations after 12:00 pm (noon), 24 hours prior to the scheduled arrival date, qualify for a partial refund (excluding reservation fee, cancellation fee, and 1 night's camping fee)

Group Camping Reservations (A.W. Campbell Conservation Area Only)

- Group camping reservations are offered at A.W. Campbell Conservation Area in designated areas only ****may not be available due to Covid-19 restrictions**
- Group Camping Reservations can be made on-line beginning the second Monday in January at 8 am each season.
- Group Camping Reservations can be made directly through A.W. Campbell campground (by phone) starting March 15 each season.
- Group Camping area 'A' contains four serviced (hydro and water) connections. To reserve the group area you will be charged for a minimum of three sites and will have the option to occupy the fourth site (additional fees apply). Those outside your group will not be able to reserve the fourth site, if unused.

- Group Camping area 'B' contains six serviced (hydro and water) connections. To reserve the group area you will be charged for a minimum of four sites and will have the option to occupy the fifth and/or sixth site (additional fees apply). Those outside your group will not be able to reserve the fifth or sixth site, if unused.
- Group Camping area 'C' contains six **hydro only** connections. To reserve the group area you will be charged for a minimum of three sites and will have the option to occupy the fourth, fifth, and/or sixth site (additional fees apply). Those outside your group will not be able to reserve the fourth, fifth or sixth site, if unused.
- Each site within a group camp area requires a unique campsite occupant.
- Standard reservation, cancellation, and change fees apply to each campsite reserved within a group camp area.

Visitors

- All visitors to the campground must purchase a daily vehicle pass and park in designated areas (applies to those visiting registered campsite occupants).
- Visitors are admitted from 8:00 am to 9:00 pm daily. Hours may be restricted at other times at the discretion of the Superintendent/Designate.
- Visitors must vacate the property by 11:00 pm nightly.

Please refer to www.scrca.on.ca

Meeting Date: February 24, 2022
Report Date: February 7, 2022
Submitted by: Greg Wilcox

Item 17.2

Subject: SCRCA Receives Funding From Ontario Trillium Foundation

Recommendation:

That the Board of Directors acknowledge this report dated February 7, 2022 on the funding received from the Ontario Trillium Foundation.

Background:

The Ontario Trillium Foundation (OTF) accepted applications for funding in the fall of 2021 for their Community Building Fund – Capital Stream program. This funding program is intended to help organizations repair, renovate, or retrofit existing sport and recreation facilities to help strengthen communities.

SCRCA submitted an application to extend the life of facilities and improve accessibility of recreational trails at four Conservation Areas. OTF has approved \$246,500 in funding to complete the four trail upgrades.

Project Description

1. Coldstream CA Boardwalk
The Coldstream boardwalk takes hikers through a Provincially Significant Wetland and along the headwaters of the Sydenham River. This project will rebuild approximately 200m of aging boardwalk to extend the life of the trail system and improve accessibility. The new boardwalk will be wider, have gradual slopes, and include edge protection. The existing boardwalk has aging lumber that contains significant rot, and requires regular repairs to remain operational. The total boardwalk is approximately 365m long; 165m was replaced in 2021.
2. Clark Wright CA Boardwalk
The Clark Wright CA is a 50-acre rural property with 3km of trail through reforested hardwood and pine plantations. The trail system contains 44 ten-foot sections of boardwalk in numerous wet areas of the property. This project will rebuild all 44 sections of aging boardwalk to extend the life of the trail system and improve accessibility. The new boardwalk will be wider, have gradual slopes, and include edge protection. The existing boardwalk has aging lumber that contains significant rot, and requires regular repairs to remain operational.

3. Strathroy CA Trail

The Strathroy Conservation Area offers 3km of trails through beautiful floodplain forest including Provincially Significant Wetlands, and the Sydenham River. This trail system connects community trails on either side of the property and is used by many as a travel corridor through town. This project will upgrade an existing narrow chip and dust trail loop that varies in width to a minimum 2m wide chip and dust trail surface, improving accessibility for users. The upgraded trail section will be 1050m long.

4. Wawanosh Wetlands CA Trail

Wawanosh Wetlands Conservation Area trails are approximately 3km long and take visitors along a Provincially Significant Wetland providing opportunities for wildlife viewing. The trail also travels along a young forest plantation and is a popular spot for hikers, birders, cyclers, and dog walkers. This project will upgrade 1225m of existing grass/bare soil trail to 2m wide chip and dust. The upgraded trail route is very level and will make an excellent location for improved accessibility.

Financial Impact:

This OTF funding will cover the anticipated costs of the four recreational trail upgrades.

Meeting Date: February 24, 2022
Report Date: February 4, 2022
Submitted by: Greg Wilcox

Item 17.3

Subject: Coldstream Conservation Area Update

Recommendation:

That the Board of Directors acknowledges this update on the Coldstream Conservation Area, dated February 4, 2022, and further authorizes the decommissioning of three pit and vault washrooms and authorize the use of the Coldstream Conservation Area reserve funds for parking lot upgrades and washroom decommissioning.

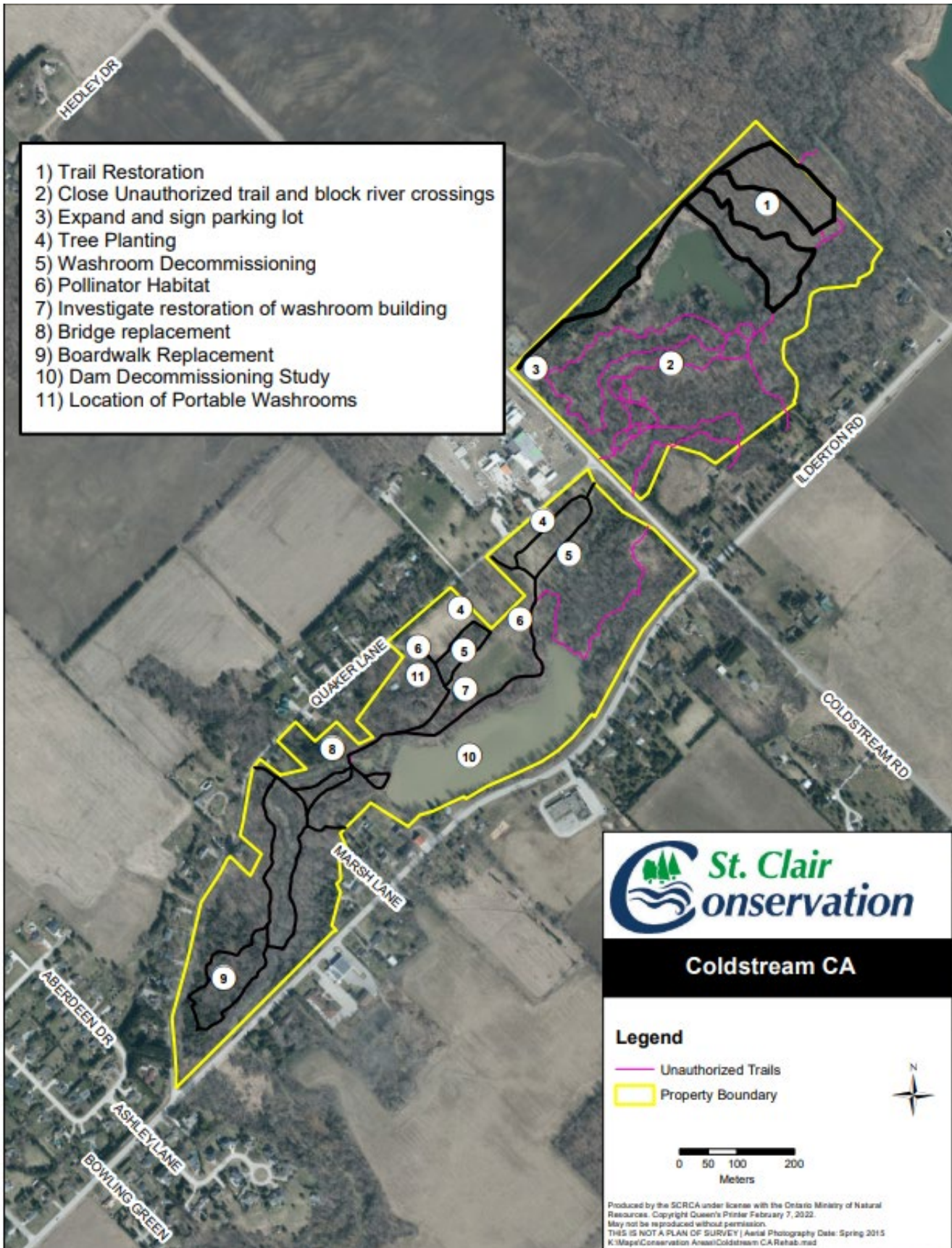
Background:

The Coldstream Conservation Area was acquired through multiple property purchases during the 1960's and 70's. The property includes day use facilities, the Sydenham River, a dam/reservoir, woodlot, and wetland. There is an existing trail at the south end of the Conservation Area taking you through a cedar swamp, a rare experience in Southwestern Ontario. The cedar swamp is designated a Provincially Significant Wetland. The park also contains facilities including washrooms, a soccer field, playground, volleyball court, and a pavilion. The reservoir located on the property is used for fishing, paddling, and wildlife viewing.

The Municipality of Middlesex Centre (formerly the Township of Lobo) entered into a lease agreement to manage/maintain Coldstream CA in 1997. At this time, the Envirofriends of Coldstream (a local community group) entered into an agreement with the Municipality to operate Coldstream Conservation Area. The most recent lease agreement was for 2012-2021. The Municipality chose not to renew the lease agreement and the Authority resumed management and maintenance of the Conservation Area on January 1, 2022.

Coldstream Conservation Area Update:

The uses of the Conservation Area have changed over the last 25 years. Camping is no longer offered, bacteria levels in the reservoir haven't allowed for swimming in decades, and soccer fields are rarely used (one was abandoned a number of years ago). The Conservation Area is very popular for hiking, dog walking, nature viewing, and picnicing. Staff recommendations are mapped and described below for updates to the CA and rehabilitation of the areas of the property no longer in use.



1. Trail restoration north of Coldstream Rd.
 - This area is not currently identified with on site signage as part of the Conservation Area
 - Low usage has led to significant off-road vehicle use and damage
 - Provincially Significant Wetland and rare/sensitive plants are present in this area
 - Desire from the community for trail access
 - Improved trails/signage and increased use is a good opportunity to deter off-road vehicle use
 - Funding secured through Canada Nature Fund to restore trails, add signage, and block off-road vehicle river crossings

2. Close some trail sections and block off-road vehicle river crossings
 - Use logs and other methods to deter use of closed trails
 - Add signage identifying the authorized trails network and the closed trail sections
 - Funding secured through Canada Nature Fund

3. Expand parking lot and add signage to identify the property as part of the Conservation Area
 - Will encourage authorized use of the trail system
 - Will contribute to reducing off-road vehicle use and river crossing
 - Small parking lot exists (2 cars), could be expanded to park 5-6
 - **Not currently funded, application submitted to Nature London, Coldstream reserve could fund a portion of this upgrade**

4. Tree planting in the old campground area and half of abandoned soccer field
 - Municipal and Authority staff inspected the campground area and agreed to discontinue this activity in 2019
 - The area does not contain enough campsites to be staffed and be financially self-sufficient
 - A trail loop will be maintained and the remaining area will be planted with trees
 - The abandoned soccer field has not been mowed/maintained in many years, naturalization is a great option for this area
 - Funding secured through the Canada Nature Smart Fund to plant trees

5. Washroom Decommissioning
 - Decommission 3 pit and vault privies (2 located in old campground area and 1 located by soccer fields)
 - Old infrastructure is in poor condition
 - No hydro or water to these buildings
 - Not required with camping discontinued and lack of use of the soccer fields
 - One washroom is within 15m of Sydenham River, there is potential for contamination leaching to the river
 - All 3 of these facilities are within 500m of the main washroom building
 - Decommissioning has been included in a Biology Department funding application submitted to EcoAction Grant

- **Coldstream reserve could fund a portion of this work**



Above images are of the two washrooms in the old campground area. Below images are of the washroom adjacent to the soccer field.



6. Pollinator Habitat Creation

- Municipal staff have expressed interest in pollinator habitat creation at the Coldstream CA
- Two locations have been identified for pollinator habitat (small area between maintained soccer field and old campground, and a portion of the retired soccer field next to the Quaker Lane parking lot)
- Funding secured through the Canada Nature Smart Fund

7. Investigate opportunities for restoration of the main washroom building

- This building contains men's and women's washrooms, showers, and an old concession/kitchen area

- The building has not operated during COVID-19 and Municipal staff have advised that some plumbing issues are present
 - Staff need to investigate the plumbing issues and the condition of the building to determine costs to rehabilitate
 - Building will remain closed for 2022
- 8. Replacement of a bridge connecting both sides of the Conservation Area**
- The bridge replacement was proposed by the Envirofriends of Coldstream a number of years ago
 - They have fundraised for multiple years to raise more than \$51,000 towards a new bridge
 - The Poplar Hill Lions Club has committed to \$50,000 in funding towards the bridge replacement
 - A contractor has been secured and work is anticipated to occur in spring or early summer 2022
- 9. Boardwalk Replacement**
- This 1200 foot raised boardwalk trail through a cedar swamp is very popular for property visitors
 - This boardwalk is nearing end of life and requires regular repairs and tread replacement
 - Funding was secured through the Great Lakes Local Action Fund (Ontario) in 2021 to replace 550', this was completed with staff and volunteer labour
 - This will improve the safety of the property for trail users
 - Funding has been secured to replace the remaining 650' of boardwalk in 2022 through Ontario Trillium Foundation funding
- 10. Dam Decommissioning Study**
- Studies are being completed on both the Strathroy and Coldstream dams to assess the potential for removal
 - Studies will be completed in 2022
 - Funding secured through the provincial WECl program, the St. Clair Conservation Foundation, and both Municipalities
- 11. Portable washrooms to be Located in Quaker Lane parking lot in 2022**
- The pit and vault privies are no longer in a condition suitable for use
 - The main washroom building needs investigation into plumbing issues and costs to rehabilitate
 - Portable washrooms will be located in the main parking lot for the 2022 season
 - Included in 2022 special levy budget

Financial Impact:

Property Upgrade	Funding Secured or Proposed	Funding Source
1&2 – Trail Rehabilitation, Closures, and Signs	\$13,000 Secured	Canada Nature Fund (DFO)
3 – Parking Lot Expansion	\$5000 Proposed \$5000 Proposed	Nature London Eco Grant Coldstream CA Reserve
4&6 – Tree Planting and Pollinator Habitat in old Campground and Abandoned Soccer Field	\$8700 Secured	Canada Nature Smart (ECCC)
5 – Washroom Decommissioning	\$6,375 Proposed \$2,876.33 Proposed	EcoAction (Federal) Coldstream CA Reserve
7 – Investigate Plumbing Issues and Rehabilitation Costs of Washroom Building	Staff Time	SCRCA
8 – New Bridge	\$51,000 Secured \$50,000 Secured	Envirofriends of Coldstream Poplar Hill Lions
9 – Boardwalk Replacement	\$36,500 Secured and Work Complete (2021) \$83,175 Secured	Great Lakes Local Action Fund (Ontario) Ontario Trillium Foundation
10 – Dam Decommissioning Study	\$105,000 Secured	WECl, SCRCF, Middlesex-Centre, Strathroy-Caradoc
11 – Portable Washrooms	~\$130/month each (seasonal)	Special Levy, Middlesex-Centre

The Coldstream CA has a reserve account totalling \$7,876.33 that is restricted for use to improve water quality. This reserve was acquired through penalties paid for a spill at a property upstream of the Conservation Area.

The decommissioning of pit and vault privies that are in close proximity to the river would ensure that leachate does not migrate to the river adversely influencing water quality.

The parking lot expansion north of Coldstream Rd. is intended to increase public use of the trails. With increased use of this portion of the Conservation Area, staff hope that off-road vehicle use will be deterred. Off-road vehicles are regularly crossing the river at three locations on this property and could potentially leak gas/oil into the river. Additionally, off-road vehicles driving through the river increase erosion and sediment transport, which adversely effects water quality.

Staff propose the use of these reserve funds to match grant funding to complete the two projects described above.

Meeting Date: February 24, 2022
Report Date: February 9, 2022
Submitted by: Greg Wilcox

Item 17.4 (a)

Subject: Campbell House Update

Recommendation:

That the Board of Directors acknowledges this report, dated February 9, 2022 on the status of the Campbell House Museum and further that staff be directed to postpone any action relating to the building indefinitely until staff investigations are complete and direction is provided by the Board of Directors.

Background:

During the 1970's the Campbell House Museum typically operated a few days per week from May to September. Operating costs were funded through Ontario's Historical and Museums Branch. At some point in time during the 1980s, the Museum hours of operation changed and it only opened one weekend each year during the Maple Syrup festival. It continued to operate in this fashion until 2001. In 2001, the Museum was broken into and a number of artifacts were stolen. The Museum has not operated since 2001.

In September of 2021, the Board of Directors approved a staff recommendation to remove the building due to safety concerns. Following this approval, a group of community members expressed their disapproval with the removal of the building. The Municipality of Brooke-Alvinston sent correspondence requesting the Authority reconsider the decision. At the Authority's November Board of Director's meeting, the original motion was amended to read:

BD-21-120

Nemcek – Burrell

"That the following previously adopted motion be amended to now read that the Board of Directors acknowledges the report dated July 14, 2021 on the removal/tear down of the Campbell House Museum from the A.W Campbell Conservation Area and that staff be directed to postpone any action relating to the building until May 1, 2022 in order to allow the community to fundraise and for staff to investigate further options and further that any repairs or restorations to the A.W. Campbell House Museum be done so at no cost to the St. Clair Region Conservation Authority."

CARRIED

Update:

- On December 15, 2021, the Authority received correspondence from the Municipality of Brooke-Alvinston that by-law number 17 from 1991 designates the building as being of historical value or interest under the Ontario Heritage Act. (By-law attached)
- The local community group interested in saving the building has contracted a roofer to complete repairs and stop weather from infiltrating the building with funds raised. The roofer has visited the site and provided appropriate documentation to proceed with the work. Weather and scheduling has delayed this repair.
- On January 18, 2022, staff attended the “Friends of Campbell Park” Zoom meeting where the immediate and future goals of the group were discussed. The group scheduled their next meeting for February 2nd to finalize mission and goals to be provided to the Board of Directors.
- On January 24, 2022, staff had a phone meeting with legal counsel to discuss obligations for a building designated under the Ontario Heritage Act as well as options available to the Authority.
- On February 2, 2022, staff received the “Friends of Campbell Park” Mission and Vision statement. (attached)
- On February 9, 2022, Authority staff met on site with building department staff from Lambton County to inspect the building. County staff will provide information on requirements for opening the building to the public and on property standards that would apply to the building.
- The “Friends of Campbell Park” have arranged for a site visit by Thor Dingman (a preservation works consultant) to inspect the building and provide an opinion on the condition of the building and estimates for rehabilitation. This visit will take place in late February or March.

Next Steps:

- Receive and review reports from Lambton County and Thor Dingman on the required upgrades
- Estimate costs for different levels of rehabilitation
- Continue discussions with community group
- Determine how different building uses would be categorized under the Conservation Authorities Act (Category 1, 2, or 3) and how funding would be secured
- Evaluate all options for this building
- Provide information to the Board of Directors in a future report with recommendations

Financial Impact:

To date, approximately \$485 has been spent to have a storage bin delivered to site for removal of building contents. Following the amendment to the Board motion, the bin was returned. Contents remain in the building at this time.

CORPORATION OF THE TOWNSHIP OF BROOKE

BY-LAW NUMBER 17 OF 1991

A By-law to designate the property known municipally as Lot 23, Concession 6 as being of Historical value or interest.

WHEREAS section 29 of The Ontario Heritage Act, 1974 authorizes the Council of a municipality to enact by-laws to designate real property, including all buildings and structures thereon, to be of architectural or historic value or interest; and

WHEREAS the Council of the Corporation of the Township of Brooke has caused to be served on the owners of the lands and premises known as A. W. Campbell Conservation Area at Lot 23, Concession 6 and upon the Ontario Heritage Foundation, notice of intention to so designate the aforesaid real property and has caused such notice of intention to be published in the same newspaper having general circulation in the municipality once for each of three consecutive weeks; and

WHEREAS the reason for designation is set out in Schedule 'B' hereto; and

WHEREAS no notice of objection to the proposed designation has been served on the clerk of the municipality;

THEREFORE the Council of the Corporation of the Township of Brooke enacts as follows:

- 1) There is designated as being of historical value or interest the real property known as A. W. Campbell Conservation Area at Lot 23, Concession 6.
- 2) The municipal solicitor is hereby authorized to cause a copy of this by-law to be registered against the property described in Schedule 'A' hereto in the proper land registry office.
- 3) The Clerk is hereby authorized to cause a copy of this By-law to be served on the owner of the aforesaid property and on the Ontario Heritage Foundation and to cause notice of the passing of this by-law to be published in the same newspaper having general circulation in the municipality once for each of three consecutive weeks.

READ A FIRST AND SECOND TIME this 23rd day of May, 1991.

READ A THIRD TIME AND FINALLY PASSED this 23rd day of May, 1991.



Ross M Lean
REEVE

Gloria Bedford
CLERK

CORPORATION OF THE TOWNSHIP OF BROOKE

BY-LAW NUMBER 17 OF 1991

SCHEDULE 'A'

PROPERTY DESIGNATED

All and singular that certain parcel of land and premises situate, lying and being in the Township of Brooke, County of Lambton, Province of Ontario and being composed of all lot twenty-three (23) in the Sixth Concession of the said Township of Brooke according to deed registered as instrument number 237250.

CORPORATION OF THE TOWNSHIP OF BROOKE

BY-LAW NUMBER 17 OF 1991

SCHEDULE 'B'

PROPERTY DESIGNATED

LOT 23, CONCESSION 6

A.W. CAMPBELL HOUSE MUSEUM

REASON FOR DESIGNATION

The A.W. Campbell House located at the St. Clair Region Conservation Authority's A.W. Campbell Conservation Area, is recommended for designation for historical reasons. This pioneer farmhouse was built in 1867 (Canada's year of Confederation) by Neil W. Campbell, the father of A.W. (Archie) Campbell. The original character of the home has been maintained and represents frame home construction typical of this rural area at that time.

A.W. Campbell was born in this home in 1888. Mr. Campbell, an ardent conservationist, was anxious to preserve this rural setting for the recreation and enjoyment for future generations.

Upon his death in 1965, the right to purchase the 308 acre property was willed to the Sydenham Valley Conservation Authority with certain conditions attached. It was his thought that the house would be maintained, as well as the park-like surroundings for the use of the general public.

Since the property was taken over by the Conservation Authority in 1966, this house has been used as a museum, complete with period furnishing of the Campbell's and other local citizens.

During the past five years, the condition of the floors has worsened, resulting in the closing of the house for public viewing. Structural work is necessary on the floor supports and floorboards to prevent further deterioration to the building and to restore safety conditions. In addition, the outside walls are experiencing severe dry rot and the roof requires repair to eliminate persistent leaking problems.

February 2, 2022

FRIENDS OF CAMPBELL PARK

Mission Statement:

The mission of the Friends of Campbell Park is to preserve, protect and promote the A. W. Campbell House, a provincial historically designated farmhouse, as well as the history, culture, and environment of A. W. Campbell Conservation Area for the benefit of the greater community and future generations.

Immediate Goals (up to one year out)

1. Ensure the motion to demolish the A. W. Campbell House is rescinded by the St. Clair Regional Conservation Authority (SCRCA) Board of Directors and is no threat for the foreseeable future.
2. Formalize working relationships with SCRCA staff and board as well as the Municipal Councils of Brooke-Alvinston and Southwest Middlesex. Maintain a regular presence with these entities to lobby for their involvement in and financial commitment to the A. W. Campbell House and its maintenance and restoration.
3. Arrange for a standard heritage designation plaque on the A. W. Campbell House and/or blue provincial historical interpretive sign.
4. Secure the building envelope (roof, walls, windows etc.); minimize any further deterioration of the A.W. Campbell House including but not limited to repairing the cedar shake roof, securing all points of entry, securely attaching the loose siding, any necessary foundation repair.
5. Arrange for a site visit and report by ACO Preservation Works consultant, Thor Dingman, to provide observations and advice regarding:
 - Structural analysis
 - Condition assessment
 - Architectural merit
 - Advice for restoration
 - Recommendations for future use
6. Determine the cost of restoring the A.W. Campbell House through all recommended incremental stages of use up to and including restoration as a functional building for public access.
7. Take a careful inventory of what is presently inside the house
8. Promote the image and history of the house through social media, power point presentations, and exterior signage.
9. Determine a preliminary fundraising plan, based on estimations and feasibility of restoring the A. W. Campbell House.

Medium-Term Goals (1 – 5 years out)

1. Reach consensus on and prioritize desired uses of A. W. Campbell House and attach cost including compliance with building code standards to each.
2. Develop a capital plan and budget for:
 - a) Structural repairs and exterior renovations of A.W. Campbell House;
 - b) Cleaning/renovation of interior rooms; restoring finishings and furnishings;
 - c) Hardscaping/landscaping immediate surrounding grounds (gardens, trails, picnic shelter), including moving the current camp sites adjacent to the house/shelter
3. Develop an operational plan and budget, including annual maintenance, staffing (volunteers)
4. Decide desirability/benefits of applying for incorporation as non-profit charitable organization.
5. Develop and initiate fundraising plan, including applying for any available grants.
6. Implement plans as funding becomes available.

7. Erect a large informational board adjacent to the A. W. Campbell House for the perusal of visitors outside hours the building is open to the public.
8. Expand comprehensive development plan to restore trail network and year-round use of A. W. Campbell Conservation Area.

5-Year Vision:

1. The A. W. Campbell House has been restored to its original design and is accessible to the public:
 - as a community museum;
 - as a venue for exhibitions and presentations by local historians, environmentalists, artists and crafts-people;
 - for other mutually agreed uses.
2. The Friends of Campbell Park is a well-established group of volunteers with a stable revenue stream, working in harmony with the SCRCA, the local municipalities and the local community to maintain and host events at the A. W. Campbell house and surrounding grounds.
3. A vision for the long-term use of the building and surrounding grounds has been developed and is being implemented.
4. A plan has been developed and is being implemented for restoring the trail network throughout the park and ensuring respectful use by the public.
5. A comprehensive plan is in the works for year-round use of A. W. Campbell Conservation Area.

10-Year Vision:

1. The A. W. Campbell House is now a cultural and historical focal point of the community...a place you associate with the area.
2. A. W. Campbell Conservation Area serves as a model for cultural and natural conservation, which it leverages for implementing broader improvements to the park.
3. The Friends of Campbell Park continue to effectively fundraise for the preservation of the A.W. Campbell House, park trails. and other park improvements and programs.

Our Goals Will Be Accomplished Through:

1. Establishing good working relationships and partnerships with the SCRCA, local municipal councils, the broader community, and users of the A. W. Campbell Conservation Area.
2. Encouraging open dialogue among all community members while respecting a diversity of viewpoints and skills.
3. Developing a shared vision and an implementation plan with short- medium- and long-term goals and revisiting them regularly as circumstances evolve.
4. Ongoing, good communication with the broader community: continuing to raise awareness of the uniqueness of A. W. Campbell House in the community through events and social media; keeping people engaged so the project remains publicly top of mind when we need volunteers.
5. Fundraising and applying for grants.

Meeting Date: February 24, 2022 **Item 17.5**
Report Date: February 10, 2022
Submitted by: Melissa Deisley, Director of Planning and Regulations

Subject: SCRCA Permitting Process – County/Municipal Involvement

Recommendation:

That the Board of Directors acknowledges the receipt of this report.

Background:

This report is written to address the following Business Arising Request from the Board of Directors:

Regarding BD-21-131

Request that staff explore whether the initial processing of simple permit applications can be delegated, with only SCRCA staff providing final approval and to report on the possibility of this at the February Annual General Meeting.

Staff have reviewed this possibility and provide the following information to the Board of Directors:

- As per Ontario Regulation 171/06, subsection 3(3) and 6(3), **the executive committee or one or more employees of the Authority that have been designated by the Authority** for the purposes of this section, may exercise the powers and duties of the Authority under subsections (1) and (2) with respect to the granting of permissions for development in or on the areas described in subsection 2(1) O. Reg 83/13, s. 2, or under subsections (1) and (2) with respect to granting permission for alteration. O. Reg. 83/13, s. 4(2).
 - Therefore, this role cannot be delegated to the Municipal/County staff;
- SCRCA staff are trained and specialized to review applications made under Ontario Regulation 171/06. There is specialized training offered by Conservation Ontario to CA staff which teaches the legal repercussions around issuing permits;
- “Simple” permits/clearances still require review of SCRCA specific floodplain and erosion hazard, and wetland mapping, flood elevation information, past files, and design details.
- CA staff would still need to review the file (even if the Municipality/County pre-screened the file) as there is liability to the Conservation Authority when issuing permits. Having the Municipalities/Counties review prior to SCRCA staff reviewing would create redundancy, duplication and confusion for the landowner;

- Having the CA review and issue permits maintains consistency across the SCRCA watershed and all 17 member Municipalities, as well as other CAs across the Province and neighbouring CAs;
- The current process with Lambton County is working well.
 - Lambton County screens the property for the landowner to determine if it is regulated;
 - Lambton County notifies the landowner within 48 hours, if the property is regulated by the Conservation Authority;
 - Lambton County emails any submitted documents such as site plans, construction drawings etc. to the CA for review;
 - Lambton County continues to work on the file and issues the final permit once the CA permit is received;
 - CA starts a file and notifies landowner what additional information is required;
 - Going forward into 2022/2023, Lambton County has outlined that they are working on a new software system and digitizing old files that will allow all pertinent documents to be shared with the CA immediately through the software (rather than emailing back and forth), and will allow for a more efficient review process.
- Since early 2020, the SCRCA Planning and Regulations department has lost several experienced members of the team. As we work to re-build the department back up to pre-2020 numbers, there has been an increase in files and applications. With the hiring of the Planning and Regulations Clerk this month, department staffing will be back at pre-2020 levels. As per the recommendations in the Tim Dobbie Consulting Ltd. report, the addition of two permanent full-time staff members will be transitioned in over the next two years, as funding becomes available, to keep up with increased development in the watershed.
- What Municipalities/Counties can do to help out SCRCA to decrease timelines:
 - Screen the property to determine if it is regulated by the Conservation Authority. SCRCA's regulated area mapping is shared with the Municipalities and Counties on an annual basis, and is also available at www.camaps.ca;
 - Notify landowners as soon as possible that their property is regulated and that they will need a permit and/or clearance from the Conservation Authority;
 - Email any plans including construction drawings received to planning@scrca.on.ca
 - Direct landowners to fill out an application form, found on our website: <https://www.scrca.on.ca/wp-content/uploads/2018/11/FORMR1-SCRCA-Application-Form1.pdf>
 - Pages 3 and 4 of the application outline general requirements that should be submitted with the application form.
- In the coming year, SCRCA will be preparing and implementing Memorandums of Understanding (MOU) agreements with the Municipalities and Counties for all planning and regulations services. These agreements will ensure that appropriate expectations, roles and timelines are addressed.

Meeting Date: February 24, 2022
Report Date: February 16, 2022
Submitted by: Ken Phillips

Item 17.6

Subject: Planning and Regulations Fee Review

Recommendation:

That the Board of Directors acknowledge the report dated February 16, 2022 on the Planning and Regulations Fee Review and further direct staff to carry out the recommendations listed within the report to assist with cost recovery efforts for Planning and Regulations operations

Background:

At the November 4, 2021 Board of Director meeting, a request was made of staff to provide an analysis of the current fee schedule and determine what is required for the organization to recoup 100% of the costs associated with work carried out under Section 28 of the Conservation Authorities Act (CA Act), and in providing technical review and clearance services for planning, infrastructure, and other development related activities.

In keeping with the Ministry of Northern Development, Mines, Natural Resources and Forestry's (MNR's) guidelines for the collection of fees under Section 21 of the CA Act, the St. Clair Region Conservation Authority (SCRCA) collects user fees for regulatory permits and plan review services, including responses to real estate and public inquiries.

In 2021, SCRCA staff provided the Board of Directors with an updated fee structure for 2022 to offset the costs of hiring additional program staff that were recommended in the Tim Dobbie Consulting report. The report recommended the hiring of an additional 3 staff to increase the capacity of the Planning and Regulation Department. The Board of Directors approved a recommendation to increase staffing over a two-year period, 2022 and 2023, as well as approved increases to the general levy and the 2022 Fee Schedule. As a result, fees were increased between 10% and 20% depending on the category.

The Board of Directors subsequently requested that staff examine the possibility of collecting fees associated with the Planning and Regulations programs that would see the SCRCA collect 100% of the cost of operations associated with planning and regulations activities. The goal would be to target 'development paying for development' ('user pay principle') in keeping with industry standards.

In preparation of the report, SCRCA staff compared fee schedules with local conservation authorities (Lower Thames, Essex, Ausable-Bayfield, Upper Thames, and Kettle) as well as two from conservation authorities that had recently undertaken fee reviews (Sudbury-Nickel and Credit Valley). Staff also reviewed a September 19, 2019 report that was provided to the

Board of Directors that included an examination of SCRCA fees for 2020 and the ability of the SCRCA to achieve a 60/40 cost recovery model. For clarity, the 60/40 cost recovery model (60% fee generated, 40% levy supported costs) is widely acknowledged as the maximum amount any conservation authority can achieve without compromising public willingness to seek out permits. All of the conservation authorities in major development areas (Toronto and Region, Credit, Central Lake Ontario and Halton) have implemented the 60/40 model. UTRCA and Sudbury adopted a 50/50 model.

The report submitted to the SCRCA Board of Directors in 2019 noted that:

Looking at cost recovery models...and taking one example (for example the 60/40 user fee to levy and provincial grant ratio model), and taking 2020 Planning and Regulations Budget projections, user fee revenue would need to be increased by over 60% in order to achieve the 60% user fee cost recovery model for 2020....While a 10% increase in fees this year will not achieve long-term goals for a specific cost recovery model goal in 2020, SCRCA staff feel that at this time it is the maximum increase acceptable to consider to remain consistent with the current fee policy above, and to ensure continued progress to work towards a cost recovery plan. Looking at the numbers, one option to achieve a cost recovery model (for example 60/40) could be to continue to phase fee increases over a 6-year period with 10% increase each year.

Fees have been increased accordingly in 2019, 2020 and 2021. An additional increase was added for 2022 in order to reduce impact on the general levy.

Current Situation:

In the past 3 years the SCRCA has seen an increase in applications and revenue generation.

Year*	Number of Fees Collected	Total Fees Collected
2019	753	\$232,677
2020	803	\$236,929
2021	896	\$250,450

*A 3-year outlook is provided as the SCRCA updated its tracking system to provide better accuracy in 2019

What is notable is that the while number of applications is steadily increasing, and fees have been increased, there has not been a significant corresponding increase in revenue. The reason for this can be found when examining the 2021 applications for which the SCRCA collected a fee.

In 2021, the SCRCA collected fees totalling \$250,450 from 896 submissions for work under Section 28 of the CA Act and in providing technical review and clearance services for planning, infrastructure and other development related activities.

Type of Submission	Number of Fees Collected	Percentage of Fee Type	Total Fees Collected	Percentage of Fees
Processing Fees	345	38.51%	\$41,630	16.62%
Permits	285	31.81%	\$112,790	45.03%
Drains/DART	90	10.05%	\$33,205	13.26%
Legal/Property Inquiries	84	9.38%	\$17,480	6.98%
Planning (Hazard)	53	5.92%	\$14,975	5.98%
Planning (Natural Heritage)	22	2.46%	\$25,300	10.10%
Planning (Inquiry)	16	1.79%	\$4,300	0.02%
Environmental Assessment	1	0.01%	\$370	0.002%

As shown, the bulk of the work currently conducted by Planning and Regulations staff is concentrated in Permitting. The fees for the services are minor, most falling in the \$120-\$215 range. When taking into consideration fees, affordability for the applicant must be accounted for and the aforementioned range was deemed to be reasonable. If the fees become too onerous, many will forgo the application process and potentially undertake work in contravention of the CA Act. This in turn leads to an increase in enforcement activity (fees cannot be charged for investigations) and legal costs which are rarely recouped by the organization. For reference, staff investigated 27 potential permitting violations in 2021.

In a fee comparison with other CAs, what must be remembered is that each CA is reflective of the area and conditions where it is based. Credit Valley Conservation (CVC) fees are provided to demonstrate the scale at which fees must be set in order to achieve a 60% cost recovery in an intense development environment. The CVC is a high growth area in comparison with SCRCA. Conversely, Kettle Creek Conservation Authority (KCCA), has far fewer resources and pressures than the SCRCA and its fee schedule is reflective of that. A chart showing the various fee category for each CA has been provided (see attached schedule). Fees for Lambton County were also provided for applicable categories.

A select number of fee categories have been broken out for comparison. These fee categories are the most prevalent in SCRCA staff workflow. 2022 fees compare as follows:

Fee Category	SCRCA Fees	Average of Comparator CA Fees	% Of Average Fee
Processing Fees	\$140	\$180	77.8%
Routine Permits	\$240	\$179.70	133%
Small Scale Permit	\$470	\$470	100%
Medium Scale Permit	\$730	\$938	77.8%
Large Scale Permit	\$1,235	\$1,590.42 (w/o CVC) \$4,496 (with CVC)	77.6% 27.5%
Legal Inquiries	\$220	\$205	107%
Minor Drainage	\$65	\$152.50	42.6%
Standard Drainage	\$380	\$645	58.9%
Major Drainage	\$1,010	\$1,030	98%
Minor Variance Heritage	\$365	\$403	90.5%
Minor Variance Hazard	\$220	\$294	74.8%

As shown above, the fees currently charged by the SCRCA vary greatly from the comparator CA average depending on type. The SCRCA can make increases in some areas and this was acknowledged in the 2019 Staff Report and fee increase strategy.

Cost Recovery Scenarios:

In 2022, the budget for the Planning and Regulations is approved at \$833,009 with a supporting levy of \$494,576 and a provincial transfer of \$19,000. The remaining \$319,433 is to be provided through fees. Therefore, in 2022, the SCRCA is budgeted to recover 38% of its costs. The Board of Directors requested that staff examine fees that would accomplish 100%, 75%, 60% and 50% cost recovery for Planning and Regulations. Based on the approved 2022 budget, the SCRCA would need to increase fees by the following amounts:

- 100% Cost Recovery - Increase 2022 Fees by 261%
- 75% Cost Recovery - Increase 2022 Fees by 196%
- 60% Cost Recovery - Increase 2022 Fees by 156%
- 50% Cost Recovery - Increase 2022 Fees by 130%

To illustrate what these increases would translate to in specific fees, please see the chart below. (CR refers to Cost Recovery)

Fee Category	2022 Fee	100% CR	75% CR	60% CR	50% CR
Processing Fee	\$140	\$365.40	\$274.40	\$218.40	\$182
Routine Permits	\$240	\$626.40	\$470.40	\$374.40	\$312
Small Scale Permit	\$470	\$1,226.70	\$921.20	\$733.20	\$611
Medium Scale Permit	\$730	\$1,905.30	\$1,430.80	\$1,138.80	\$949
Legal Inquiries	\$220	\$574.20	\$431.20	\$343.20	\$286
Minor Drainage	\$65	\$169.65	\$127.40	\$101.40	\$84.50
Standard Drainage	\$380	\$991.80	\$744.80	\$592.80	\$494
Major Drainage	\$1,010	\$2,636.10	\$1,979.60	\$1,575.60	\$1,313
Minor Variance Heritage	\$365	\$952.65	\$715.40	\$569.40	\$474.50
Minor Variance Hazard	\$220	\$574.20	\$431.20	\$343.20	\$286

Future Opportunities:

For the 2023 fee schedule, staff propose the following recommendations for consideration:

- For fees that are refunded, retain a 20% administration cost.
- In negotiating the MOUs with municipal partners, SCRCA needs to discuss potential for fees for submissions beyond those accommodated in the general levy.
- Examine more fully the possibility of GIS services being utilized as a fee service.
- Beginning in 2023, institute a minimum inflationary or COLA increase annually. This will help to keep fees from becoming stagnant and falling behind operation costs.
- Focus on getting the SCRCA fees up to a minimum 50/50 formula by 2026.

2022 Planning & Regulations Fee Review Comparison											
	SCRCA 2022	UTRCA 2022	ERCA 2022	LTVCA 2022	ABCA 2022	KCCA 2022	CVCA 2022	SNDCA 2022	Lamton County 2022		
Administrative Fees											
Processing Fees	\$140	\$210	\$150 - \$200	\$200	\$150-\$220	\$75	\$375	\$40	\$70		
Legal Inquiries	\$220	N/A	\$203.40	\$200	\$150	N/A	\$375	\$100			
Site Inspection/Meeting Attendance	\$255	N/A	N/A	N/A	\$65	N/A	\$289	\$400			
Technical Report Review											
Terms of Reference	\$435	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Engineering Study/Technical Report											
Standard	\$460	N/A	\$150 (not requiring site visit) - \$875	\$200	\$275	N/A	\$2,733	\$150			
Major	\$840	N/A				\$73.45/hr	N/A	\$5,388	\$275		
Environmental Impact Study/Development Assessment Report											
Minor	\$1,060	\$525 - \$1130	\$500 - \$1025		\$375	N/A	\$5,920	\$100			
Standard	\$1,980					\$375	N/A	\$11,355	\$150		
Major	\$5,020					\$550	N/A	\$17,289	\$275		
Mitigation/Monitoring Report	\$795				N/A	N/A	N/A	N/A			
Hydrogeological Assessment	\$1,585	\$1,130	N/A		\$550	N/A	\$1,787	\$100-\$275			
Stormwater Management Plans											
Preliminary Concept	\$400	\$1,130	\$2000 - \$5000		\$1,000	N/A	N/A	N/A			
Detail Design	\$770					\$1,000	N/A	N/A	N/A		
Additional Review of Revised Report	25% Surcharge	\$525 + TBD Technical Review	\$250			N/A	N/A	50% of Initial Fee			
Planning Service Fees											
Pre-consultation/Property Enquiry	\$280	\$0 - \$210 (verbal vs written)	N/A	N/A		\$75	N/A	\$100			
Natural Hazards											
Minor Variance	\$220	\$210 - \$790	\$200	\$150	\$150	N/A	\$469	N/A			
Severance	\$305	\$290 - \$790	\$300	N/A	\$200	N/A	\$1,204-\$3,573	N/A			
Site Plan Approval	\$325	\$525	\$200	\$250	\$55 per lot	N/A	\$1,037-\$14,321	\$600			
Major	\$765	\$2,310			\$500		N/A	\$8,451-\$35,788	N/A		
Zoning By-Law Amendment	\$325	\$290	\$275	N/A	\$150	N/A	\$1,028-\$2,381	\$345			
Major	\$505	\$790	\$400	N/A		N/A	\$5,201				
Official Plan Amendment	\$325	\$290	\$275	N/A	\$200	N/A	\$1,028-\$2,381	\$495			
Major	\$510	\$790	\$400	N/A		N/A	\$5,201				
Natural Heritage											
Minor Variance	\$365	\$290 - \$790	\$200	N/A	N/A	N/A	\$469	N/A			
Severance (per lot created)	\$550	\$290 - \$790	\$300	N/A	N/A	N/A	\$1,204-\$3,573	N/A			
Site Plan Approval	\$495	\$525	\$200	N/A	N/A	N/A	\$1,037-\$14,321	N/A			
Major	\$1,000	\$2,310			N/A	N/A	N/A	\$8,451-\$35,788	N/A		
Zoning By-Law Amendment	\$575	\$0 - \$290	\$275	N/A		N/A	\$1,028-\$2,381	N/A	\$400		
Major	\$1,000	\$790	\$400	N/A	\$150	N/A	\$5,201	N/A			
Official Plan Amendment	\$575	\$290	\$275	N/A	\$200	N/A	\$1,028-\$2,381	N/A	\$600		
Major	\$1,000	\$790	\$400	N/A		N/A	\$5,201	N/A			
Draft Plan of Subdivision/Condominium											
>20 Units	\$1,600	\$160/lot Max of \$10,000	\$2000 base fee plus \$300 per additional lot up to Max \$5000	\$350/ lot	\$2,500	\$225/lot	\$7,146		\$3,000		
21-50 Units	\$3,270					no max	\$3,750		\$14,321	\$2,200	\$4,000
>51 Units	\$4,360						\$5,000		\$35,788		\$6,000
Additional Natural Heritage Fee											
<20 units	\$720	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
21-50 unites	\$1,440	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
>51 Units	\$2,160	N/A	N/A	N/A	N/A	N/A	N/A	N/A			

	SCRCA 2022	UTRCA 2022	ERCA 2022	LTVCA 2022	ABCA 2022	KCCA 2022	CVCA 2022	SNDCA 2022	Lamton County 2022
Clearance of Conditions (per)	\$320	N/A	\$150	N/A	N/A	N/A	N/A	\$35	
Redline Revision	25% of Initial Fee	N/A	N/A	\$75	N/A	N/A	50% of Initial fee	\$445	50% of Initial Fee
Ontario Regulations 171/06 Fees									
Property Inquiry	\$280	\$210	\$203.40	\$200	N/A	N/A	\$375	\$100-\$400	
Application Fees									
Routine Permit	\$240	\$210	\$200	\$150	\$175	\$110	\$263	\$150	
Minor Permit A (Small scale)	\$470	\$525 - \$790	\$250 - \$500	\$150-\$200	\$700	\$400	\$537	\$450	
Minor Permit B (Medium scale)	\$730	\$790 - \$1260	\$800 - \$1000	\$250-\$300	\$1,000	\$600	\$2,066	\$700	
Major Permit (Larger scale)	\$1,235	\$2310 - \$5775	\$1,400	\$400-\$500	\$1,250	\$1,200	\$18,360-\$25,500	\$1,200	
Drainage Act Review									
DART Review									
Minor (project value under \$500)	\$65	\$210	\$200	\$100	\$100	N/A	N/A	N/A	
Standard	\$380	\$790	\$500	N/A		N/A	N/A	N/A	
Major - Wetland	\$1,010	\$1,260	\$800	N/A		N/A	N/A	N/A	
Engineer's Report Review	\$510	\$790	N/A	\$150 or \$500		N/A	N/A	N/A	
Other Fees									
Aggregate Resource Act Review	\$3,355	\$5775 - \$10,500	N/A	N/A	N/A	N/A	\$7,146-\$71,461	N/A	
Environmental Assessment Act									
Standard	\$3,355	N/A	\$1,500	N/A	N/A	N/A	\$5,920	N/A	
Major	\$8,385	N/A		N/A	N/A	N/A	\$11,355	N/A	
Commercial Renewable Energy Projects	Double	N/A	N/A	N/A	Double fee	N/A	N/A	N/A	
Golf Course Development/Realignment	\$1,010	\$5,775	N/A	N/A	N/A	N/A	\$18,153	N/A	
Hearing Request	\$805	\$210	N/A	\$400	\$1,000	N/A	N/A	50% of Initial Fee	
Application Revisions and Permit Revisions/Extensions	\$135	\$105	\$150	\$75	\$75	N/A	50% of Initial fee	50% of Initial Fee	
Applications for Work Proceeded without Authorization	Double	Double	Double	Double	Double	1.5x	Double or Triple	N/A	

Meeting Date: February 24, 2022
Report Date: February 8, 2022
Submitted by: Girish Sankar

Item 17.7

Subject: Water & Erosion Control Infrastructure (WECI) Projects 2022-2023

Recommendation:

That the Board of Directors acknowledges the report dated February 8, 2022 on Water and Erosion Control Infrastructure Projects and approves the projects submitted for funding in 2022-2023, and further will assist staff in obtaining matching funds, where required, to support these projects upon confirmation of funding approval.

Background:

- 2022-2023 Projects will be submitted on February 11, 2022
- All applications will be reviewed by a committee, made up of Provincial and Conservation Authority staff representatives, in late March or early April, and will be ranked in comparison to all submitted projects from across the Province
- If funding is confirmed for this program, a list of approved projects may be available in May, 2022
- A list of WECI projects submitted for 2022-2023 is outlined below

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Requested (\$)
Sarnia Shoreline Protection	Shoreline Repair (Pine St to Penhuron Avenue)	Carry out construction of shoreline protection as per the design	\$600,000	\$300,000
Port Lambton Park	Port Lambton Park Shoreline Restoration	Construction of Shoreline restoration at Port Lambton Park	\$400,000	\$200,000
W. Darcy McKeough Dam	Dam Instrumentation	Implement real time structural health monitoring instrumentation at the McKeough Dam.	\$30,000	\$15,000
W. Darcy McKeough Floodway	Channel floor repair	Perform Channel repairs on the McKeough Floodway as identified in the Engineering reports.	\$40,000	\$20,000

Meeting Date: February 10, 2022 Additional Item 1
Report Date: January 28, 2022
Submitted by: Ashley Fletcher
Subject: 2022 Tentative Schedule of Meetings

Board of Director and Executive Committee meetings are held at the Administration Office at 10:00 a.m., with the exception of the February annual general meeting (rotating locations within the watershed) and the June meeting which follows the Project Tour.

This is a tentative schedule and circumstances may necessitate changes. Accordingly, these dates should be confirmed with the Administration Office prior to the meeting date.

Board of Directors Meetings:

- February 24 (4th Thursday) - Annual General Meeting (Held Remotely)
- April 21 (3rd Thursday)
- June 23 (4th Thursday)
- September 15 (3rd Thursday)
- November 10 (2nd Thursday)
- December 8 (2nd Thursday)

Committee Meetings:

Executive Committee

- At the call of the chair.
- February 10 (2nd Thursday) – Audit Review & Recommendation

Flood Action Committee – Wallaceburg Municipal Centre

- January 13 (2nd Thursday) and at the call of the Chair

Low Water Response

- May 19 (3rd Thursday) and at the call of the Chair

Nominating Committee

- At the call of the chair.
- Prior to the February 10 Executive Committee Meeting

Sunset Committees (dates TBD):

- Planning Procedural and Technical Guidelines Committee
- Watershed Management Plan Committee
- Highland Glen Boat Ramp Committee

2022 Members Appointed to the St. Clair Region Conservation Authority

Municipality	Term	Director	Address	Telephone	E-mail
Adelaide Metcalfe	1	Betty Ann MacKinnon	2340 Egremont Dr Strathroy, ON N7G 3H6	519 287 2699	bmackinnon@adelaidemetcalfe.on.ca
Brooke-Alvinston	1	Frank Nemcek	2973 Ebenezer Rd, R.R. #1 Alvinston, ON N0N 1A0	519 847 5591	fnemcek@brktel.on.ca
Chatham-Kent	1	Joe Faas	4488 St. Clair Parkway Port Lambton, ON N0P 2B0	519 436 3208	joe.faas@chatham-kent.ca
	1	Aaron Hall	68 Blake Street Wallaceburg, ON N8A 2S2	519 436 3229	aaron.hall@chatham-kent.ca
Dawn-Euphemia	1	Alan Broad	1252 Shetland Rd, R.R. #2 Florence, ON N0P 1R0	519 784 0373	mayor@dawneuphemia.on.ca
Enniskillen/ Oil Springs	1	Kevin Marriott	5383 Shiloh Line, R.R. #1 Petrolia, ON N0N 1R0	519 844 2307	viperkev@hotmail.com
Lambton Shores	1	Lorie Scott	7321 Leighton Dr Port Franks, ON N0M 2L0	519 243 3005	lscott@lambtonshores.ca
Middlesex Centre	1	Dan McMillan	10365 Ilderton Rd, R.R. #2 Ilderton, ON N0M 2A0	519 666 1549	Dan.mcmillan46@gmail.com
Petrolia	1	Brad Loosley	411 Greenfield St Petrolia, ON N0N 1R0	519 882 2073	bloosley@petrolia.ca
Plympton-Wyoming	1	Tim Wilkins	6407 Oil Heritage Rd P.O. 683 Wyoming, ON NON 1T0	519 331 1260	twilkins@plympton-wyoming.ca
Point Edward	1	Larry Gordon	9 Village Green Crt Point Edward, ON N7V 4J3	519 336 8581	lgordon@villageofpointedward.com

2022 Members Appointed to the St. Clair Region Conservation Authority

Municipality	Term	Director	Address	Telephone	E-mail
Sarnia	1	Bill Dennis	1013 Mike Weir Drive Bright's Grove, ON N0N 1C0	519 330 0835	bill.dennis@sarnia.ca
	1	Terry Burrell	954 Champlain Rd Sarnia, ON N7V 2G2	519 336 5545	terry.burrell@sarnia.ca
	1	Mike Stark	206-175 Wellington St Sarnia, ON N7T 7X5	519 542 2054	Mike.Stark@sarnia.ca
Southwest Middlesex / Newbury	1	Diane Brewer	5 Durham St. P.O Box 16 Newbury, ON N0L 1Z0	519-693-4914	twobrews@hotmail.com
St. Clair	1	Pat Brown	576 Riverside Dr Corunna, ON N0N 1G0	519 862 2050	pbrown@stclairtownship.ca
	1	Steve Miller	4238 St. Clair Parkway, P.O 231 Port Lambton, ON N0P 2H0	519 677 5676	smiller@twp.stclair.on.ca
Strathroy-Caradoc	1	John Brennan	52 Frank St Strathroy, ON N7G 2R4	519 205 2311	jbrennan@strathroy-caradoc.ca
	1	Frank Kennes	291 Pinetree Lane Strathroy, ON N7G 4H8	519 878 1783	fkennes@strathroy-caradoc.ca
Warwick	1	Jerry Westgate	35 Warwick Street P.O 364 Watford, ON N0M 2S0	519 331 2519	jjwestg801@execulink.com

If you would prefer that an alternate mailing address, phone or e-mail be used please inform Ashley Fletcher, Administrative Assistant/ Board Coordinator:

205 MillPond Cres Strathroy, ON N7G 3G9	519 245 3710 x 200	Afletcher@scrca.on.ca
--	-----------------------	--



A Message from Our Chair

As in 2020, the last year has required the St. Clair Region Conservation Authority (SCRCA) to quickly and efficiently adapt to the ever-changing restrictions associated with the COVID-19 pandemic. Our Board of Directors continued to guide and govern Authority operations virtually and our staff served our watershed communities and member municipalities through the use of innovative technology, enhanced health and safety procedures, and altered programming.

Challenges aside, 2021 was another successful year for the SCRCA. Our Conservation Areas continued to experience increased traffic, and camping was in high demand. The interest in tree planting projects was at an all-time high, and our biologists rescued and released a record number of turtle eggs and hatchlings as part of their Captive Hatch and Release Program. Shoreline protection projects continued to move forward along the Lake Huron shoreline to protect critical municipal infrastructure from flooding and erosion. And as COVID-19 restrictions lifted, our staff were able to hold several in-person events throughout the fall months – a welcomed opportunity to reconnect and reengage with our local communities.

The year 2021 also marked the SCRCA's 60th Anniversary. Although our celebrations were hampered by the pandemic, we were able to celebrate the Authority's history through our social media platforms and with a small event on National Tree Day to commemorate two significant milestones – the planting of over 4 million trees and the creation of 100 hectares of wetland throughout the St. Clair Region.

I would like to thank our staff and Board of Directors for their dedication during these challenging times and our partners for their unwavering support. We look forward to continuing our work together towards a healthy and sustainable natural environment in the St. Clair Region.



Lorie Scott
Chair, Board of Directors
St. Clair Region Conservation Authority

Board of Directors

The SCRCA is governed by a Board of Directors appointed by the 17 member municipalities we serve.

Township of Adelaide Metcalfe

Betty Ann MacKinnon

Municipality of Brooke-Alvinston

Frank Nemcek

Municipality of Chatham-Kent

Joe Faas
Aaron Hall

Township of Dawn-Euphemia

Alan Broad

Township of Enniskillen/ Village of Oil Springs

Kevin Marriott

Municipality of Lambton Shores

Lorie Scott

Municipality of Middlesex Centre

Dan McMillan

Town of Petrolia

Brad Loosley

Town of Plympton-Wyoming

Tim Wilkins

Village of Point Edward

Larry Gordon

City of Sarnia

Terry Burrell
Bill Dennis
Mike Stark

Municipality of Southwest Middlesex/Village of Newbury

Mark McGill

Township of St. Clair

Pat Brown
Steve Miller

Municipality of Strathroy-Caradoc

John Brennan
Frank Kennes

Township of Warwick

Jerry Westgate

About Us

The St. Clair Region Conservation Authority (SCRCA) is one of Ontario's 36 Conservation Authorities (CA) responsible for the conservation, restoration, and management of natural resources within its watershed. The St. Clair Region includes the Sydenham River watershed and smaller watersheds that drain directly into southern Lake Huron, the St. Clair River, and northeastern Lake St. Clair.

Our programs aim to 1) reduce the risk of life and property from flooding and erosion; 2) improve water quality; 3) promote habitat creation and stewardship; 4) provide outdoor recreation opportunities; 5) increase environmental awareness and literacy; and 6) monitor and protect our most vulnerable species. We achieve this in cooperation and partnership with our member municipalities, government agencies, Indigenous communities, community groups, local landowners, and businesses.

SCRCA Mission

The St. Clair Region Conservation Authority has as its mission, to provide leadership through coordination of watershed planning, implementation of resource management programs, and promotion of conservation awareness, in cooperation with others.

SCRCA by the Numbers

4,130 km²

14 subwatersheds

**65 km of
Lake Huron shoreline**

81% agricultural landuse

9th largest CA by area

2 counties

1 regional municipality

147,082 residents



◀ A Look Back (Early 1980s)

On January 12, 1961, the St. Clair Region Conservation Authority was founded. The Authority was originally known as the Sydenham Valley Conservation Authority until the 1970s when the watershed expanded to include those that drained into the St. Clair River, southern Lake Huron and northern Lake St. Clair. The St. Clair Region watershed expanded again in 2005 with the addition of watersheds located in Lambton Shores.



Water Resources

Our water resources team oversees the SCRCA flood forecasting and warning program, and the maintenance and operation of flood control structures, including the W. Darcy McKeough Floodway. We work closely with local municipalities to protect public infrastructure through shoreline protection works. Our team also administers the Drinking Water Source Protection program for the St. Clair Region which protects municipal sources of drinking water from contamination. Lastly, our water resources department monitors and reports on Great Lakes water levels and conducts groundwater sampling on behalf of the Ministry of the Environment, Conservation, and Parks.

Erosion Control Projects

The SCRCA works closely with shoreline municipalities to protect critical infrastructure from erosion caused by high water levels and extreme waves triggered by strong storm events. In 2021, \$400,000 in funding was secured through the provincial Water & Erosion Control Infrastructure Fund, in addition to multi-year funding provided by the federal Disaster Mitigation and Adaptation Fund to support shoreline protection projects along the Lake Huron (Helen to Kenwick - Phase 3A and Pine St. to Penhuron Avenue) and St. Clair River shorelines (Port Lambton Park Shoreline Restoration).



Shoreline Protection Construction

Groundwater Monitoring

In an effort to better understand Ontario's groundwater resources, the Ministry of the Environment, Conservation, and Parks implemented the Provincial Groundwater Monitoring Network to monitor water quality and quantity in local wells. The Network is a cooperative effort of the Conservation Authorities in Ontario, on behalf of the Ministry. The SCRCA monitors nine groundwater wells for water levels and eight groundwater wells for water quality as part of this program. The data gathered are reported in the Authority's Watershed Report Card, released every five years.

Flood Operations

Flooding is a natural process and while the Authority has done much to reduce the risk to life and property, some flooding in developed and undeveloped areas is still inevitable. As such, the SCRCA operates a flood warning program designed to warn municipalities of flood conditions. Through a network of 11 stream gauges, five snow sampling sites, ice monitoring, and meteorological data, our staff monitor ice and streamflow conditions, and issue bulletins should a flood be imminent.

The five types of bulletins the SCRCA issues include:

1. **Normal Conditions** – no flood conditions exist
2. **Shoreline Conditions Statement**
 - Water Safety – watercourses could post a danger due to high water levels, wave action, and erosion – flooding not expected
 - Flood Outlook – early notice of the potential for flooding along shorelines
3. **Watershed Conditions Statement**
 - Water Safety – watercourses could post a danger due to fast flows and unstable banks – flooding not expected
 - Flood Outlook – early notice of the potential for flooding
4. **Flood Watch** – potential for flooding in some municipalities
5. **Flood Warning** – flooding is imminent or occurring

The Authority also monitors watershed conditions using Low Water Indicators to determine whether we are in a drought. Under drought conditions, the Authority meets with the Low Water Response Committee to issue a Level I, II, or III Low Water Condition. In 2021, a Level I Low Water Condition was issued in May.

Drinking Water Source Protection

Residents living in the SCRCA watershed are protected from significant drinking water threats through the administration of the Thames-Sydenham and Region Source Water Protection Plan. The SCRCA houses a Risk Management Official/Inspector who works with local communities, industries, and municipalities to ensure risks to drinking water are identified and mitigated. All initially identified significant threats that were identified in 2014 have been mitigated through negotiated Risk Management Plans. Annual inspections continue in the Lambton and Chatham-Kent region for existing managed threats with ongoing review and screening for any potential new threats.

A Look Back (1979) ▶

The W. Darcy McKeough Floodway was built to protect the community of Wallaceburg from severe flooding. Completed in 1984, construction took approximately 6 years and cost \$30 million. The floodway consists of a dam embankment, vertical water control gates, and a 7 km diversion channel. When in operation, the dam control gates close and divert 37% of the North Branch of the Sydenham River down the diversion channel to the St. Clair River. The floodway has been operated ten times during its history.

139

2021 Flood Bulletins

Shoreline Conditions

Water Safety - 5

Flood Outlook - 0

Watershed Conditions

Water Safety - 4

Flood Outlook - 5

Flood Watch - 18

Flood Warning - 3





Planning and Regulations

As a watershed management agency acting under the *Conservation Authorities Act*, the SCRCA is responsible for ensuring that development is directed outside of areas prone to flooding and erosion. Under *Ontario Regulation 171/06, "Development, Interference with Wetlands and Alterations to Shorelines and Watercourses"*, staff review permit applications for development within these areas to ensure that the proposed development will not result in future risk to lives or property. In addition, the SCRCA assists our member municipalities with review of development applications under the *Planning Act* to ensure that development adheres to the natural hazard and natural heritage policies identified in the Provincial Policy Statement.

SCRCA Development Application Process Review

Development has been steadily increasing across many of the watershed's municipalities over the last several years. Comparing 2017 statistics to 2021, the number of *Planning Act* applications processed by SCRCA staff have increased by 200%, and permits under *Ontario Regulation 171/06* have increased by 124%.

In September 2020, SCRCA's Board of Directors retained Tim Dobbie Consulting to undertake a service delivery review of the Authority's Planning and Regulations Department to review efficiencies and provide recommendations to improve application processing times and customer service relations. After a series of interviews with SCRCA staff, board members, municipal staff, developers, builders, and other Conservation Authorities, recommendations were presented and approved by the Board of Directors at a special meeting in August 2021.

The report recommended that additional staff are required to keep up with the increased level of development within the watershed, with funding mechanisms established to support the additional staff. In addition, the report supported the use of additional technologies to further enhance service delivery.

Technologies, including web-based document management software, a detailed file management database, video networking software, and remote access to files, have allowed staff to continue to provide service to residents and developers throughout the COVID-19 pandemic. In late 2021, an online payment system was launched to facilitate easier and faster payment of fees.

Department staff continue to work on best practices with other Conservation Authorities, and undertake training to ensure efficiency and accuracy in our day-to-day operations. Three of our department staff are now certified as Regulations Officers under the *Conservation Authorities Act*. In 2022, we will continue to work towards establishing Memorandums of Understanding (MOUs) with our partner municipalities, as per the updates to the *Conservation Authorities Act*, to further streamline development review.

Planning Activity 2021

Inquiries	174
Active Files	206
Application Types (Note: Active files may have multiple applications)	314
Minor Variances	26
Severances	67
Site Plan	37
Subdivision/Condominium	62
Zoning By-law	85
Official Plan	38
Files with Natural Heritage	29%

Regulations Activity 2021

Legal Inquiries	48
Permits Issued under Ontario Regulation 171/06	244
Inquiries under Ontario Regulation 171/06	414
Compliance/Enforcement Matters under Ontario Regulation 171/06	27
Hearings	0

Drainage Act and Section 28 Regulations Team (DART) Protocol Activity 2021

Total Drainage Projects Reviewed	106
Standard Compliance Requirements (SCRs) Issued	86



Freshwater Mussels

Biological Monitoring

The Sydenham River, located within the St. Clair Region, is recognized provincially, nationally, and even internationally for its biodiversity. SCRCA biologists work with government agencies and non-profit organizations to monitor populations of local aquatic and terrestrial species (including Species at Risk) throughout the Sydenham River watershed and the smaller watersheds that make up the St. Clair Region. Staff also collect important data (e.g., water quality, benthic invertebrates) to assess the health of local habitats and overall watershed health. This data is used by both the SCRCA and our partners to help guide policy development, prioritize research efforts, and implement rehabilitation and protection measures.

Water Quality Monitoring

Every year, the SCRCA monitors local water quality through the chemical analysis of surface water samples collected from 22 sites throughout the watershed and the collection and identification of bottom-dwelling biological indicators (benthic invertebrates) from 14 sites. In 2021, over 144 surface water samples were collected and analyzed for nutrients, *E. coli*, and metals between the months of May and November, in addition to 30 benthic invertebrate samples. Water quality data is shared with partner agencies and organizations and reported on in our Watershed Report Card, released every five years.



Benthic Invertebrate Sampling



Dobsonfly Larvae

◁ Benthic invertebrates are bottom-dwelling animals found in the sediment of lakes and rivers, including insects, worms, and crustaceans. Each type of benthic invertebrate has a pollution tolerance, which can help biologists learn about the health of a watercourse (Pictured left: Dobsonfly larvae — an indicator of good water quality).

Fish Monitoring

The Sydenham River is home to at least 82 of the 129 native freshwater fish species found in Ontario – all of which are threatened by habitat loss, pollution, and invasive species. The SCRCA monitors fish communities in local watercourses to obtain important information on species distribution to help guide policy development and research efforts. The 2021 fish monitoring season saw the collection, identification, and release of 3,759 fish from 25 sites.

2021 Fish Monitoring Highlights

46 different fish species

1 invasive species (Round Goby)

3 Species at Risk (Grass Pickerel, Northern Sunfish, Blackstripe Topminnow)

Captive Hatch and Release Turtle Program

The St. Clair Region watershed is home to six or eight different species of turtle found in Ontario – all of which are considered Species at Risk. The SCRCA's Captive Hatch and Release program aims to increase turtle hatchling survivorship by eliminating threats to turtle eggs posed by nest predation, shoreline development, and human activities. Efforts focus on the collection and incubation of eggs laid by the Eastern Spiny Softshell turtle – an endangered species facing imminent extinction. The 2021 program saw the rescue of a record-breaking number of turtle eggs. In total, 2,451 eggs were collected from at-risk nests throughout the watershed and 2,188 turtle hatchlings were released back into the wild.

2021 Turtle Species

1,187 Eastern Spiny Softshell Turtles

343 Snapping Turtles

590 Northern Map Turtles

56 Midland Painted Turtles

12 Blandings Turtles

Freshwater Mussel Monitoring

No other river in Canada has greater freshwater mussel diversity than the Sydenham River. Thirty-four of the 41 mussel species native to Ontario have been historically found in the North and/or East Branch of the Sydenham River. To further close knowledge gaps on the distribution and diversity of freshwater mussels, the SCRCA under the direction of the Department of Fisheries and Oceans Canada and with financial support from the Canada Nature Fund for Aquatic Species at Risk, partnered with the University of Windsor's Healthy Headwaters Lab to survey 2.5 kilometres of the East branch of the Sydenham River. Over the course of the study, 1,436 individual mussels were recorded, representing 22 different species.

498 mussels recorded during the 2021 study were Species at Risk, representing 8 species (Kidneyshell, Mapleleaf, Northern Riffleshell, Purple Wartback, Rainbow, Rayed Bean, Round Pigtoe and Snuffbox).

Snake Monitoring

Human persecution, road mortality, and habitat loss are major threats to Ontario's 15 snake species. The SCRCA installs and monitors artificial nesting boxes to provide protection and promote the successful reproduction of local snakes, including the endangered Eastern Foxsnake. In 2021, 36 Eastern Foxsnake eggs successfully hatched from two of the ten artificial nesting structures monitored throughout the St. Clair Region.

Blanding's Turtle





Stewardship and Forestry

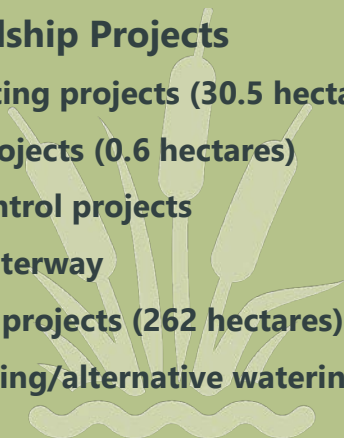
The SCRCA promotes and supports activities that will create healthy watersheds and improve local water quality and soil health. Conservation Authority staff achieve this by providing educational opportunities, technical advice, and financial assistance to local landowners interested in establishing Best Management Practices (BMPs) and stewardship projects on their properties, such as tree planting and wetland creation. The SCRCA also offers several forestry services to promote sustainable woodlot practices including the development of woodlot management plans and certifying woodlands under the Managed Forest Tax Incentive Program (MFTIP).

Environmental Stewardship

Environmental stewardship projects are completed annually throughout the St. Clair Region watershed to improve and protect rural water quality and soil health. SCRCA staff actively seek grants to provide funding to support the efforts of local landowners. In 2021, \$293,500 in grant funding was secured to support 42 projects, with participating landowners contributing an additional \$102,000.

2021 Stewardship Projects

- 26 tree planting projects (30.5 hectares)**
- 3 wetland projects (0.6 hectares)**
- 5 erosion control projects**
- 1 grassed waterway**
- 5 cover crop projects (262 hectares)**
- 1 creek crossing/alternative watering source project**
- 1 septic system upgrade**



Wetland Creation



Tree Planting

The demand was high for seedling and large-stock trees in 2021, with 79,000 seedlings and 1,433 large-stock trees planted throughout the St. Clair Region watershed. A total of 65,000 tree seedlings were planted by SCRCA staff on 29 properties. Large-stock trees and the remaining 14,000 seedlings trees were provided to 83 local landowners and 4 municipalities for plantations, windbreaks, and roadside plantings, among others.

Tree Seed Collection

Every fall, SCRCA staff collect seeds from native trees throughout the watershed. These seeds grow into trees that will be used in future afforestation projects in the SCRCA region to ensure the trees produced are genetically adapted to our local growing conditions. In 2021, 3,700 litres of seed were collected from native tree species including white, bur and red oak; shagbark hickory; and sugar maple. Trees sourced from the seeds collected in 2021 will be used for 2023 and 2024 afforestation projects.



Tree Planting

National Tree Day 2021

As part of the SCRCA's 60th Anniversary celebrations, two significant milestones were acknowledged on National Tree Day – the planting of over 4 million trees and the creation of over 100 hectares of wetland throughout the watershed. To honour this achievement, a small event was held at a local landowner's property where Authority Chair and staff reflected on the success of our tree planting and stewardship efforts and unveiled a commemorative sign. The success of these programs is due in large part to the many funding partners who have supported the SCRCA over the past 60 years.



◀ A Look Back (1974)

In the beginning, the SCRCA tree planting program focused on restoring forests and habitat in the newly established Conservation Areas and helping landowners establish windbreaks on erosion-prone lands. Many of these trees were planted by volunteers, including local students and Boy Scouts. In 1980, the SCRCA expanded its tree planting services to local landowners with the bulk of plantings done by experienced tree planting crews.



Conservation Areas

Research has shown that spending time in nature has many positive effects on both mental and physical health. The SCRCA owns and maintains 15 Conservation Areas that span a total of 620 hectares throughout the watershed. Visitors can enjoy numerous recreational activities that include hiking along one of our over 40 km of trails, camping at our three regional campgrounds, fishing, and bird watching. In addition, the SCRCA manages seven natural areas for Lambton County.

Restrictions associated with the COVID-19 pandemic continued to alter the operations of the SCRCA's three regional campgrounds. Transient camping was once again limited to 50% capacity and health and safety measures implemented in 2020 continued throughout the 2021 season. SCRCA staff organized safe and family-friendly activities to engage campers including photo contests, scavenger hunts, and a family fishing derby. The SCRCA campgrounds brought in over \$1.28M in gross revenue in 2021.



New Coldstream Boardwalk

Coldstream Boardwalk Upgrades

Thanks to the hard work and dedication of volunteers from the Envirofriends of Coldstream, the SCRCA replaced 550 feet of raised boardwalk at the Coldstream Conservation Area. Funded by the Great Lakes Local Action Fund, the new boardwalks allow for greater safety and trail accessibility – they are wider, have gradual slope changes, and were installed with edge protection. Staff continue to seek funding opportunities to replace the remaining 650 feet.

A Look Back (1980) ▶

The Lorne C. Henderson Conservation Area was named after former Lambton MPP, and Enniskillen resident, Lorne Henderson, who held office between 1967 and 1985. The property was purchased by the SCRCA in 1973 but officially opened in 1980 with Lorne Henderson and Ontario Premier William G. Davis in attendance. Today, the Conservation Area is home to 155 campsites, 5 km of hiking trails, and the SCRCA's Conservation Education centre.



Special Projects

Healthy Lake Huron

To improve water quality and promote clean beaches along the southeast shores of Lake Huron, the Healthy Lake Huron (HLH) program was launched in 2011. Since then, the SCRCA has partnered with all levels of government, local health units, other Conservation Authorities (CAs), and community groups to retain nutrients on land and reduce the risk of harmful algal blooms between Sarnia and Tobermory. In 2021, the HLH team continued to run a social media campaign called #PieceofthePuzzle to connect communities with the lake and highlight the role we play in keeping Lake Huron healthy. In cooperation with other Lake Huron CAs, and through funding provided by the Ministry of Agriculture, Food and Rural Affairs, SCRCA GIS staff created an erosion potential mapping tool to help understand the risk of soil erosion and subsequent impacts to water quality. This tool will help identify priority areas for stewardship.

Sydenham River Watershed Phosphorus Management Plan

Through funding provided by Environment and Climate Change Canada and the Ministry of the Environment, Conservation and Parks, the SCRCA has been coordinating the development of a phosphorus management plan for the Sydenham River to reduce the loading of this nutrient to waterways, which contributes to degraded local water quality and algal blooms in Lake Erie. The objective of this program is to work with local stakeholders to identify sources of phosphorus, determine best-value solutions, and develop an outreach strategy.

Sydenham River Aquatic Species at Risk Threat Inventory

Through funding from the Habitat Stewardship Program for Aquatic Species at Risk, the SCRCA is completing a Threat Inventory for aquatic species at risk in the Sydenham River. The Sydenham River supports a wide diversity of plants and animals, has been identified as one of 13 freshwater Key Biodiversity Areas in Canada, and contains critical habitat that is important to the persistence of globally threatened species. For this project, the SCRCA will be synthesizing data on local threats to the aquatic environment that can be used to direct stewardship and recovery efforts.

St. Clair River Area of Concern

The St. Clair River was identified as an Area of Concern (AOC) in 1987 due to a lengthy history of urban and industrial development. For over 30 years, the local community, Indigenous Peoples, and government have been working together to improve local water quality and aquatic habitat to remove the river from the list of Great Lakes AOCs. Guided by the 2017-2022 Work Plan, a seventh Beneficial Use Impairment was redesignated in June 2021 to not impaired. In addition, the Engineering and Design Plan for managing mercury-contaminated sediment at three priority areas was completed. The goal of this project was to design a plan to address the sediments while promoting local risk reduction and limiting downstream transport of contaminated sediment. Project oversight was provided by representatives from Environment and Climate Change Canada, the Ministry of the Environment, Conservation and Parks, Dow Canada, and the St. Clair Region Conservation Authority.

Lambton County Phragmites Partnership and West Nile Control Program

Through funding provided by Lambton County, the SCRCA has assumed the coordinator role for the Lambton County Phragmites Partnership to increase local awareness of the threat of invasive Phragmites and support the implementation of eradication measures to reduce its spread. The SCRCA was also contracted by Lambton Public Health to treat catch basins as part of the West Nile Control Program. In 2021, 17,000 catch basins were treated three times during the summer with a larval growth regulator to prevent mosquito larvae from developing into adult insects throughout the County of Lambton and in a separate agreement, catch basins owned by Aamjiwnaang First Nation.



Education and Outreach

Education is an important part of shaping tomorrow's environmental leaders and teaching communities about local conservation efforts. Our conservation education program offers a variety of hands-on, curriculum-based, indoor, and outdoor programs geared towards both elementary and secondary school students. Local media outlets and social media are utilized to enhance and expand conservation awareness throughout the St. Clair Region watershed and beyond. Additionally, staff organize and attend local events to introduce communities to the SCRCA, what we do, and how we can assist them in becoming more environmentally minded in their everyday lives.

Conservation Education

The COVID-19 pandemic continued to alter the way our conservation educators were able to connect with students in 2021. The suite of virtual and school-yard programs developed in response to the pandemic in 2020 continued to be popular and in high demand by teachers, parents, and students throughout the watershed. New in 2021 was the development of webinar-style conservation education programming that saw hundreds of students engaged at the same time.



Live-stream with a Naturalist

2021 Conservation Education by the Numbers

- 929 students**
Nature in Your Neighbourhood
- 2,571 students**
Live-stream with a Naturalist
- 1,808 students**
Webinar-style Programs
- 755 students**
Field trips to Lorne C. Henderson Conservation Area
- 1,838 students**
Sponsored Programs

Great Lakes Virtual Field Trip

In collaboration with other Conservation Authorities, Indigenous communities, and environmental organizations, the SCRCA education team created an online Virtual Field trip to engage students on the ecosystem services provided by the waters of the Huron-Erie Corridor and local threats facing their future.

Funded by the Ministry of the Environment, Conservation, and Parks, the resource takes viewers on a trip through the Huron-Erie Corridor from the southern shores of Lake Huron to Lake Erie, with stops at the St. Clair River, Bkejwanong/Walpole Island, Lake St. Clair, and the Detroit River. Participants Learn, Care, Protect, and Connect with water through insights from Indigenous Water Protectors, community activists, and inspirational individuals. The Huron-Erie Corridor Great Lakes Virtual Field Trip was accessed more than 748 times in 2021 at <https://bit.ly/GLHuron-ErieCorridor>.

Communications

Social Media



2,246 Followers
273 Posts



409 Tweets
232 Retweets
807 Followers
4,987 Engagements (clicks, retweets, replies, follows, and likes)

Media Relations

16 media releases
625 news article mentions

Website

182,000 website views
NEW Species at Risk in the Sydenham River website (www.sydenhamriver.on.ca)



SCRCA Events 2021

Crops & Conservation - Bio-strips
Virtual Webinar

Special Presentation - Dr. Dianne Saxe
Virtual Webinar

Ipperwash Beach Shoreline Clean-up
Lambton Shores

Coldstream Fish Day
Coldstream Conservation Area
Middlesex Centre

Coldstream Boardwalk Replacement
Volunteer Event
Coldstream Conservation Area
Middlesex Centre

A Geocaching Adventure
Lorne C. Henderson Conservation Area
Petrolia

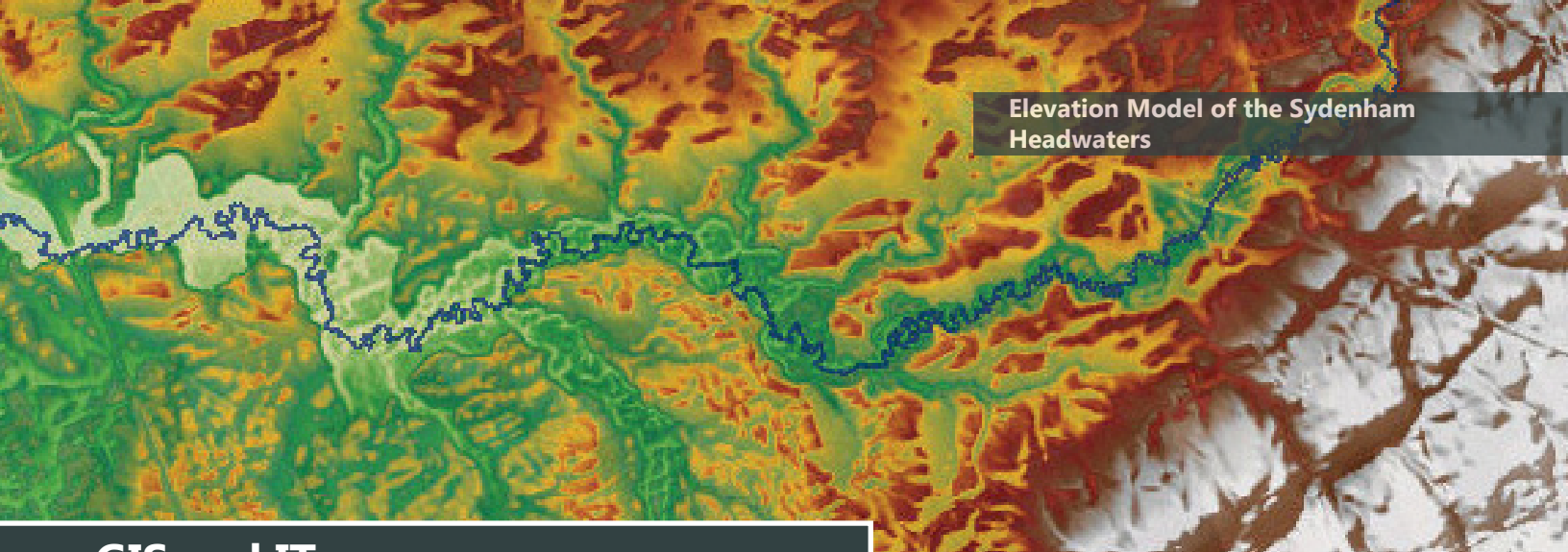
National Tree Day
Komoka

Bridgeview Community Planting Event
Bridgeview Conservation Area
Petrolia

Strathroy Rotary Trail Guided Hikes
Strathroy

◀ A Look Back (1985)

Conservation Education programs were established in 1967 at the former Sydenham Valley Outdoor Education School located at the A.W. Campbell Conservation Area. In its first year, 1,400 students participated in outdoor education. Today, over 10,000 students are engaged annually through both in-school programs and field trips to local Conservation Areas.



Elevation Model of the Sydenham Headwaters

GIS and IT

Our Geographic Information System (GIS) and Information Technology (IT) experts provide essential support services to all SCRCAs departments and programs. In addition to maintaining important technological infrastructure (i.e., computers, servers), our GIS and IT staff create, update, and manipulate geographic data into a form that other departments and programs can easily comprehend and utilize. Our GIS/IT staff also research and investigate new and exciting technologies to improve efficiencies within the Authority.

2021 GIS and IT Highlights

GIS Project Highlights

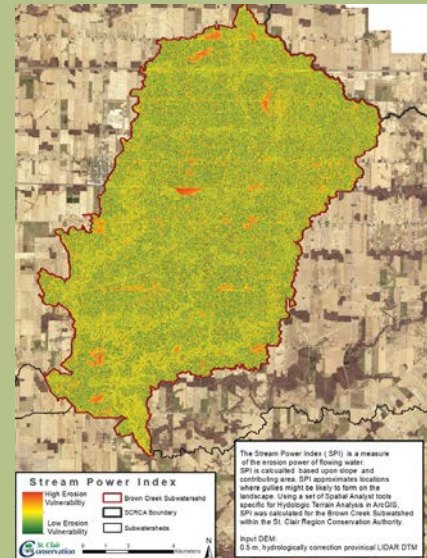
- Brown Creek Erosion Potential Analysis
- Lake Huron Tributary Collaborative Project

IT Project Highlights

- Enhanced SCRCAs online payment system to efficiently accept payment for seasonal camping fees, tree orders, and planning and regulations fees.
- Continued to arrange and maintain Virtual Private Networks (VPN) and remote access to enable staff to work remotely during the COVID-19 pandemic.

Brown Creek Erosion Potential Analysis

Through the use of Primary Terrain Analysis tools including flow direction, flow accumulation, and slope, SCRCAs GIS staff identified areas of low, medium, and high soil erosion potential throughout the Brown Creek sub-watershed. The results of this analysis will be used to prioritize future Best Management Practices (BMPs) and stewardship efforts throughout the Brown Creek sub-watershed.



Stereoscope

◀ A Look Back

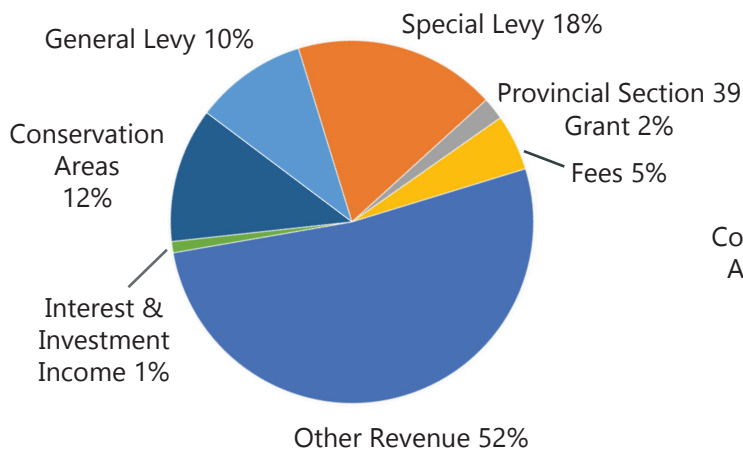
Prior to the introduction of GIS software in 1998, SCRCAs regulation limits were calculated using aerial photography prints, stereoscopes, and survey data obtained in the field. Hand-drawn maps were utilized to display this information with final regulation maps completed using pen and ink on mylar. Today, regulation limits are calculated using a digital 3D computer system, specialized software, and GIS models.



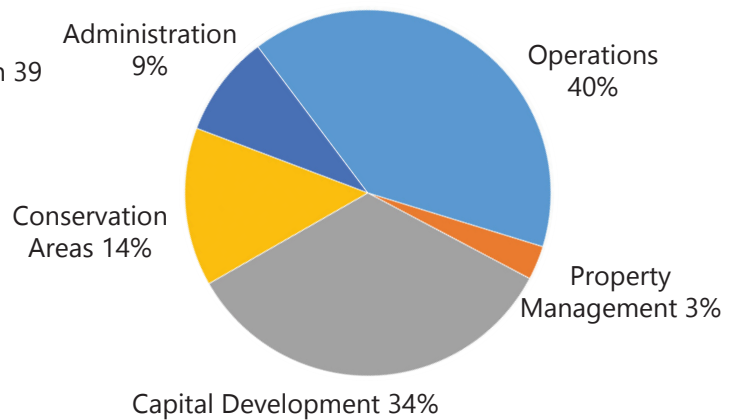
Administration

The administration and finance team at the St. Clair Region Conservation Authority plays an integral role in fostering a positive and safe workplace for all Authority employees and managing the Authority budget. Our team continuously updates and improves SCRCA policies to achieve business excellence and sustainability while maintaining a positive corporate atmosphere.

2021 Revenues – \$8,501,373*



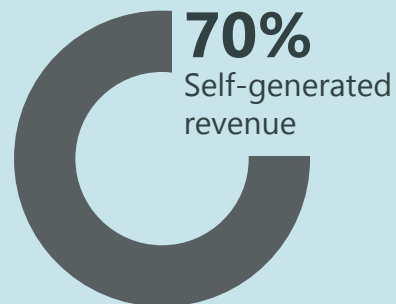
2021 Expenditures – \$8,634,181*



**unaudited*

Over **\$3.8 million** in funding secured by the SCRCA from 34 organizations, contracts, and/or government funding streams (2021-2022 fiscal year).

\$7.97 per person
Cost of SCRCA programs and services supported by municipal levy per person in the SCRCA watershed.



Conservation Foundation

The St. Clair Region Conservation Foundation is a registered, charitable organization with the purpose of raising funds to support the conservation programs of the Authority. The organization accepts donations and raises funds through the dedication of volunteers and staff that support several initiatives including conservation education; tree planting; the protection of wetlands, soils, and forests; and upgrades to conservation area facilities and amenities. In 2021, \$98,500 was provided by the Foundation to support Conservation Authority programs.

The Foundation also accepts land donations that further the objectives of the Authority by preserving important natural areas. To date, 17 land donations have been received totalling 461 hectares.

Conservation Scholarships

Every year, the St. Clair Region Conservation Foundation rewards graduating high school students who are pursuing post-secondary studies in a conservation-related field. The 2021 recipients were:

A.W. Campbell Memorial Scholarship - \$1,000 awards

Nicole Guthrie, Northern Collegiate Institute & Vocational School
Zachary Zavitz, Strathroy District Collegiate Institute

Mary Jo Arnold Conservation Scholarship - \$500 award

Lucie Slakmon, Northern Collegiate Institute & Vocational School

Tony Stranak Conservation Scholarship - \$500 award

Johanna Ni Xiu deKoning, Holy Cross Catholic Secondary School

Scholarship Recipient - Nicole Guthrie



2021 Ceremonial Tree
Tulip Tree



Memorial Forest Programs

Through the Foundation's Memorial Forest Program, donations can be made to have a tree planted in memory of a loved one. In 2021, 74 trees were planted at local Conservation Areas through this program.

Additionally, for over 20 years, the St. Clair Region Conservation Foundation has partnered with Denning's Funeral Home to establish the Denning's Memorial Forest Program. Through this program, Denning's makes donations on behalf of the families they serve which support tree planting efforts and conservation education. In 2021, a donation of \$6,225 was made to the Foundation to support these programs.

Our Staff

Administration Office

Kandyce Affleck, Conservation Lands Clerk (Jan - Feb), Lands Technician (Mar - Dec)
Bradley Berg, GIS Projects Technician (Nov - Dec)
Laura Biancolin, Planner
Donna Blue, Manager of Communications
Erin Carroll, Director of Biology
Brooke Ciuman, Drainage Clerk (Jan - Feb)
Stephen Clark, Risk Management Official/Inspector
Emily De Cloet, Water Resources Specialist
Melissa Deisley, Regulations Coordinator (Jan - Jul),
Director of Planning and Regulations (Aug - Dec)
Nicole Drumm, Special Projects Technician
Chris Durand, Manager of IT/GIS
Roland Eveleens, FishCAST Intern (Mar - Jul)
Ashley Fletcher, Administrative Assistant/Board Coordinator
Jordan Fuller, Planning and Regulations Clerk (Jan - Feb)
Sarah Hodgkiss, Planning Ecologist (Jan - Jul), Manager of
Planning and Natural Heritage (Aug - Dec)
Sarah Hume, Payroll and Accounting Clerk
Natalie Johnston, Planning and Regulations Clerk (Apr - Sep)
Brian McDougall, General Manager (Jan - Nov)
Mike Moroney, Project Manager
Rashida Naznin, Engineering Technician (Jul - Dec)
Krista Nicolson, Species at Risk Technician (Oct - Dec)
Craig Paterson, Conservation Biologist
Tim Payne, Manager of Forestry
Ken Phillips, General Manager (Nov - Dec)
Natasha Pozega, St. Clair River RAP Coordinator
Tracy Prince, Director of Finance
Girish Sankar, Director of Water Resources
Alison Seidler, GIS Specialist
Jeff Sharp, Conservation Services Specialist
Steve Shaw, Manager of Conservation Services
Kelli Smith, Watershed Biologist
Sarah Snetsinger, Watershed Health Technician (May - Dec)

Celia Terry, GIS Data Migration Technician (Jan - Jul)
Kirsten Van Goethem, Co-op Student (Jan - Apr)
Jessica Van Zwol, Healthy Watershed Specialist
Janice Vegh, Planning and Regulations Document Archivist
Jeff Vlasman, Regulations Officer
Meagan Weber, Planning and Regulations Clerk
Greg Wilcox, Manager of Conservation Areas

Drinking Water Source Protection

John Campbell, Senior Information Management Analyst
Deb Kirk, Administrative Assistant
Linda Nicks, Hydrogeologist (Jan - Oct)

Field Offices

McKeough Floodway

Shane White, Maintenance Foreman, McKeough Floodway

A.W. Campbell Conservation Area

Mike Tizzard, Superintendent (Jan - Feb)
Don Skinner, Assistant Superintendent (Jan - Feb),
Superintendent (Mar - Dec)
Maryanne Nieuwenhuizen, Assistant Superintendent
(Mar - Dec)

Lorne C. Henderson Conservation Area

Terry Barrie, Superintendent
Luke Derks, Assistant Superintendent
Melissa Levi, Conservation Education Coordinator
Myra Spiller, Conservation Education/Community
Partnership Technician

Warwick Conservation Area

Glenn Baxter, Superintendent
Jessy VanderVaart, Assistant Superintendent (Jan - Aug)
Derek Thompson, Assistant Superintendent (Aug - Dec)

McLean Conservation Lands

Scott O'Brien, Superintendent

Staff Retirements

At the St. Clair Region Conservation Authority, we have been fortunate to benefit from the experience and knowledge of long-term staff members. In 2021, Mike Tizzard, Superintendent at the A.W. Campbell Conservation Area and Brian McDougall, General Manager, retired after dedicated careers with the Authority. We wish both Mike and Brian the best in their next chapters.



Brian McDougall
30 Years with SCRA



Mike Tizzard
29 Years with SCRA



St. Clair Region

St. Clair Region Conservation Authority
 205 Mill Pond Crescent
 Strathroy, ON N7G 3P9
 t. 519-245-3710
 f. 519-245-3348
 stclair@scrca.on.ca

Member of



Conservation ONTARIO
Natural Champions



@StClairConservation



@SCRCA_water



www.scrca.on.ca