



Board of Directors - Notice of Meeting

November 10, 2022 Time: 10:00 am

Warwick Community Centre (Remote Available)
7074 Egremont Rd., Watford, ON N0M 2S0

Tentative Agenda

1. Chair's Remarks
 2. Adoption of the Agenda
 3. Declaration of Pecuniary Interests
 4. Minutes
 - 4.1 Board of Directors September 15, 2022 Meeting Minutes
 - 4.2 Conservation Ontario September 26, 2022 Meeting Minutes
 5. Presentations and Related Reports
 - 5.1 Delegation – Proposal to Extend Agricultural Lease
 - 5.1.1 Staff Report Re McKeough Upstream Lands Agricultural Lease Agreement
 - 5.2 Delegation – Hunting on SCRCA Lands
 - 5.2.1 Staff Report Re Hunting on McKeough Upstream Lands
 - 5.3 Presentation – Biology Department
 6. Reports
 - 6.1 GM's Report
 - 6.2 Updated COVID-19 Safe Working Procedures (verbal)
 - 6.3 Remote Work Policy
 - 6.4 Structural Engineering Report for A.W. Campbell House
 - 6.5 Nominating Committee
 - 6.6 2023 Tentative Schedule of Meetings
 - 6.7 2023 Draft Budget
 - 6.8 DART Review Fee Analysis
 7. Consent Items
 - 7.1 (a) Business Arising
 - 7.1 (b) Current Watershed Conditions
 - 7.1 (c) Healthy Watershed Program Update
 - 7.1 (d) Regulations Activity Summary
 - 7.1 (e) Planning Activity Summary
 - 7.1 (f) Revenue and Expense Summary
 - 7.1 (g) Disbursements
 - 7.1 (h) 2022 General Levy Receipts
 - 7.1 (i) Investment Reports
 - 7.1 (j) Communications Update
 - 7.1 (k) Education Update
 - 7.1 (l) St. Clair River AOC
 8. Board Correspondence (none)
 9. In-Camera (personnel matter)
 10. New Business
 11. Adjournment
- Additional Items:
- News Clippings

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.

Board of Directors Proposed Resolutions

(Roll call)

1. Chair's Remarks
2. **Moved by:** **Seconded by:**
That the Board of Directors accepts the agenda for the meeting as presented.
3. 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.
- 4.1 **Moved by:** **Seconded by:**
That the minutes of the Board of Directors meeting, held September 15, 2022, be approved as distributed.
- 4.2 **Moved by:** **Seconded by:**
That the Board of Directors acknowledge the minutes of the Conservation Ontario Council meeting, held remotely on September 26, 2022.
- 5.1 **Moved by:** **Seconded by:**
That the Board of Directors acknowledge the presentation from Mr. Ben Arnold regarding the proposed improvements to SCRCA agricultural land, and the request for an extension of the lease for lands, for which he is a tenant.
- 5.1.1 **Moved by:** **Seconded by:**
That the Board of Directors acknowledge the report, dated October 14, 2022 on the McKeough Upstream Lands Agricultural Lease Agreements and further approve two 5-year extensions of the lease agreement for 13 properties currently rented to Mr. Ben Arnold until December 31, 2035, as recommended within the report.



Board of Directors Meeting Minutes

Date: September 15, 2022 Time: 10:00 a.m.
Warwick Community Centre – 7074 Egremont Rd, Watford

Directors Present: John Brennan, Vice Chair Pat Brown, Terry Burrell, Bill Dennis, Joe Faas, Greg Grimes, Emery Huszka, Frank Kennes, Kevin Marriott, Steve Miller, Frank Nemcek, Chair Mike Stark, Jerry Westgate, Tim Wilkins

Directors Present (Remote): Al Broad, Aaron Hall, Debbie Heffernan, Brad Loosley, Betty Ann MacKinnon

Regrets: Diane Brewer, Lorie Scott

Staff Present: Donna Blue, Manager of Communications; Melissa Deisley, Director of Planning and Resources; Chris Durand, Manager of IT/GIS; Ashley Fletcher, Administrative Assistant/ Board Coordinator; Sarah Hodgkiss, Manager of Planning and Natural Heritage; Kate Jamieson, Payroll/Accounting Clerk; Chunning Li, Director of Corporate Services; Tim Payne, Manager of Forestry; Ken Phillips, General Manager; Girish Sankar, Director of Water Resources; Greg Wilcox, Manager of Conservation Areas

The Chair welcomed everyone to the meeting 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. Directors were thanked for their commitment to attending the meeting during the busy municipal election season.

BD-22-73

Kennes – Grimes

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

CARRIED

The minutes of the Board of Directors meeting, held June 23, 2022 were reviewed.

BD-22-74

Marriott – Burrell

“That the minutes of the Board of Directors Meeting, held June 23, 2022, be approved as distributed.”

CARRIED

The minutes of the Conservation Ontario Council meeting, held remotely on June 20, 2022 were reviewed.

BD-22-75

Brown – Kennes

“That the Board of Directors acknowledges the minutes of the Conservation Ontario Council meeting, held remotely on June 20, 2022.”

CARRIED

Operations

- On June 13, 2022 all staff returned to the office full-time, and the administration center was opened to visitors.
- Staff commenced working on the 2023-2028 Strategic Plan and all full-time personnel were involved in the discussions.

Community/Partnership Outreach

- On July 5, 2022 the General Manager attended an event hosted by the Grain Farmers of Ontario in Enniskillen.
- The General Manager provided a presentation to the Rotary Club of Sarnia, giving an update of recent projects in the Sarnia area as well a general overview SCRCA
- The General Manager volunteered to sit on the Sarnia-Lambton Chamber of Commerce Green Committee commencing in September.

Federal/Provincial/Municipal Meetings

- The General Manager was advised that all conservation authorities would fall under the authority of the newly constituted Ministry of Natural Resources and Forests (MNRF). All Ministry of Environment, Conservation and Parks (MECP) staff in the Conservation Branch have transferred over to the MNRF. There are no anticipated changes to the direction that was provided to CAs from MECP (see item 7.2 under correspondence).
- The General Manager has preliminary discussions with Strathroy-Caradoc and Center Middlesex staff regarding MOU discussion timelines.
- The General Manager made a presentation to Lambton County Council on July 6, 2022. He provided an overview of the programs the SCRCA provides to the County.

Conservation Ontario

- The General Manager was appointed to the Conservation Ontario Enforcement Working Group to assist in the creation of Standard Operating Procedures for staff that are active in implementing conservation authority regulations.

BD-22-76

Miller – Burrell

“That the Board of Directors acknowledges the General Manager’s report, dated September 2, 2022.”

CARRIED

The SCRCA draft fee policy was reviewed.

Directors Comments:

It was clarified that the increase to draft planning and regulations fees are in response to the board’s direction to achieve a 50/50 balance, and further that a step approach is being used to ease the transition for clients and partners. For all other fees, a comparative analysis of local competitors has been used.

Director Al Broad requested a review of the fee to review an engineer’s report under the Drainage Act (DART Review), including an analysis of staff time to complete such work, and that the report be made available at the November 10, 2022 Board of Directors meeting.

Director Al Broad expressed his opposition to adopting the fee policy, as presented.

BD-22-77

Faas – Grimes

“That the Board of Directors acknowledges the draft fee policy and further adopts the policy as presented.”

CARRIED

Recommendations from Tim Dobbie Consultants Ltd. report pertaining to the budget include:

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 three staff joining the SCRCA would be subject to 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.

The estimated cost of three new staff positions is a minimum of \$280,000 which can be funded with a combined increase in fees and levy. The Tim Dobbie Report suggested looking at a 10% increase in levy and a 10% increase in fees for both 2022 and 2023.

An increase in levy by 10% would result in a dollar amount of approximately \$137,851

The Planning & Regulations fees have been increased by 12% to reflect the recommended 10% increase noted above plus 2% for inflation costs.

In addition, fees have been added or increased higher to specific categories to help recuperate costs of staff review time including increased technical review fees, utility works fees, and additional fees for applications that have reactivated after being dormant. These increases are aligned with the Board of Directors' discussion during the August 20, 2021 Board Meeting, that fees should be increased and paid for by the developer.

A report was submitted to the Board of Directors meeting, held February 24, 2022 which provided a detailed analysis of planning revenue as well as multiple cost recovery scenarios for consideration. The following is an excerpt of the February 24, 2022 Board of Directors meeting minutes:

Directors Comments:

Directors requested and received clarification on the difference between the various types of permit applications and the justifications for the level of cost each incurs. General Manager, Ken Phillips confirmed that the recommendation from staff is to make a gradual move toward a 50% fee/50% levy cost recovery by 2026. Chair Mike Stark informed the board that he intends to bring this matter to a future Executive Committee for discussion and formal recommendation to the full board.

BD-22-25

Kennes – Brown

“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.”

Strategic Objectives(s):

Goal 1 – Develop and maintain programs that will protect life and property from natural hazards such as flooding and erosion.

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

Goal 4 – Build a stronger and more valued organization through business excellence

The draft 2023 Planning and Regulations fee schedule was also reviewed.

Directors Comments:

Director Brad Loosley expressed his belief that the Planning department should look into

the possibility of having permit applications processed and approved by a single staff member.

BD-22-78

Faas - Westgate

“That the Board of Directors acknowledge the report dated September 1, 2022 regarding the Planning and Regulations Fees and further approve the Planning & Regulations Fee Schedule for 2023, with proposed increases, as recommended by Tim Dobbie Consultants Ltd.”

CARRIED

Education Program fees have not increased since 2018. A list of proposed fee increases for the 2022/2023 school year, including a comparison of neighbouring Conservation Authorities offering similar services was reviewed.

Director Terry Burrell declared a conflict of interest in regards to the education program and the proposed fees for 2022/2023.

BD-22-79

Miller – Kennes

“That the Board of Directors acknowledges the report dated September 1, 2022 on the proposed 2022/2023 education program fees and concurs with staff recommendations, as presented.”

CARRIED

Conservation Area Fee Increases

Fee increases are a result of increasing staffing costs, maintenance, park upgrades, and general cost increases. Fee increases are also required to ensure financial reserves are maintained at levels sufficient to undertake large capitals expenditures (septic system updates, road improvements, etc.) when required. With the proposed increases, our rates remain at or below most local private and regional Conservation Authority campgrounds.

A fee comparison table was also reviewed, comparing seasonal and transient camping fees of other Conservation Authorities, the Provincial Parks, and some local private campgrounds.

BD-22-80

Nemcek – MacKinnon

“That the Board of Directors acknowledges the report dated September 2, 2022 on the proposed 2023 Conservation Area fees and concurs with staff recommendations, as presented.”

CARRIED

The SCRCA management team have completed an initial draft of the 2023 Budget. It is anticipated that the General Levy for 2023 will be \$1,583,050 shared by the 17-member municipalities, resulting in an increase of \$170,497 or 12.4% from 2022 general levy (see schedule B). The primary drivers of the levy increase include:

- 1.5 FTE staff for Planning and Regulations \$137,851 (81% of total increase) based on recommendations from Tim Dobbie Consultants Ltd. Report which was approved by the Board in 2021
- As 40% increase in liability insurance premiums totalling \$22,000 (13% of total increase)
- \$10,000 (6% of total increase) consulting fee for new phone system and server upgrade for Administrative Office. The SCRCA has been informed by our carrier that our existing phone system with not be supported beyond 2023.

Directors Comments:

Director Terry Burrell expressed is opposition to the increase of \$10,000 for the server ugrade and consultation fee for the office phone system, stating that the cost is excessive. Manager of IT/GIS Chris Durand provided an overview of the reasoning and benefits for using a consultant to determine a solution for the phone system as well as the confirmation that a new server is urgently needed. General Manager, Ken Phillips reminded the Board of Directors that the report is to be received for information only, with the full draft budget to be reviewed in November. Directors Bill Dennis and Brad Loosley expressed their opposition to the motion.

BD-22-81

Terry – Dennis

“That the Board of Directors receive for information and discussion the report dated September 2, 2022 on the preliminary levy estimate for the 2023 Budget and further that the allocation of \$10,000 for the consulting fee for a new phone system and server upgrade be removed from the draft budget.”

DEFEATED

BD-22-82

Kennes – Marriott

“That the Board of Directors receive for information and discussion the report, dated September 2, 2022 on the preliminary levy estimate for the 2023 Budget.”

CARRIED

LAWSS Shoreline Repair:

- SCRCA was contacted by Lambton Area Water Supply System (LAWSS) staff following an email from a citizen, identifying a concerning rock along the shoreline
- This prompted a site investigation, followed by a condition review of the affected area along LAWSS shoreline
- Shoreplan was contracted to perform the site inspection
- It was identified that the stepped and sloped, special placement armourstone revetment structure has failed in multiple locations. Several stones are beginning to crack, which could potentially lead to revetment failures
- Replacing this reach of shoreline revetment was identified as the preferred solution
- Shoreplan provided a detailed design of the replacement
- Tender documents are being reviewed
- Tenders will be advertised for this project during second week of September
- All permits and approvals are being obtained
- Construction is expected to begin October 2022

BD-22-83

Burrell – Grimes

“That the Board of Directors acknowledges the report dated August 29, 2022 regarding the Lambton Area Water Supply System Shoreline (LAWSS) Repair Project, and further delegates the Authority Chair and General Manager to enter into agreement with the preferred contractor, subject to confirmation that all costs associated with the project will be covered through funding from LAWSS.”

CARRIED

Upcoming Shoreline projects (2022- 2023):

1) Groyne only Project:

- Permit process is complete
- 2 Groynes projects - one near Penhuron Drive and another near Kenwick Street
- Tenders for Groyne only projects were forwarded to pre-qualified contractors on August 2, 2022.
- Tenders closed on August 16 and August 18 respectively
- Expected start date – Fall 2022

2) Penhuron Drive to Kenwick Street shoreline restoration:

- 220 meters of shoreline restoration
- Design work completed
- Draft Tender being Prepared
- Expected start date – late Fall 2022

BD-22-84

Kennes – Burrell

“That the Board of Directors acknowledges the report dated August 25, 2022 on the ongoing Shoreline projects across the watershed and directs staff to follow the tender process, and further delegates the Authority Chair and General Manager to enter into agreement with the preferred contractor, subject to approval from the City of Sarnia and confirmation that all costs associated with the project will be covered through available funding.”

CARRIED

The Right to Disconnect Policy was reviewed.

Directors Comments:

Management is reminded to consider the Right to Disconnect Policy when choosing a phone system, as portability may be considered by staff to be an expectation. Directors agree that a mutual understanding should exist between directors, management and staff that e-mails sent outside of regular business hours do not require an immediate response and that in the event of a true emergency, it will be clearly stated.

BD-22-85

Brennan – Wilkins

“That the Board of Directors approve the adoption of the Right to Disconnect Policy in order to bring the SCRCA into compliance with the Working for Workers Act 2021, and direct staff to update all applicable manuals and procedures to include the policy.”

CARRIED

Correspondence from the Municipality of Chatham-Kent was reviewed.

BD-22-86

Faas – Kennes

“That the Board of Directors acknowledges the correspondence, dated August 26, 2022 from the Municipality of Chatham-Kent regarding the 2023 draft budget.”

CARRIED

Correspondence from the Ministry of Natural Resources and Forestry was reviewed.

BD-22-87

Burrell – Miller

“That the Board of Directors acknowledges the e-mail correspondence, dated August 30, 2022 from the Ministry of Natural Resources (MNR) and Forestry regarding the designation of the MNR as the responsible administrator of the Conservation Authorities Act.”

CARRIED

A presentation on conservation areas and the lands department was provided by Greg Wilcox, Manager of Conservation Lands.

Directors Comments:

Director Tim Wilkins requested assistance from staff regarding the Howard Watson Trail and possible improvements to the signage and garbage collection to aid in access and cleanliness of the area. Manager of Conservation Areas, Greg Wilcox agreed to contact Lambton County in order to address the issues.

Chair, Mike Stark thanked staff for the thorough and complete presentation

BD-22-88

Kennes – Nemcek

“That the Board of Directors acknowledge the staff presentation provided by Manager of Conservation Lands, Greg Wilcox on the Lands Department.”

CARRIED

Item 9.1 (h) Revenue and Expenditure Report

The statement of revenue and expenditure report was reviewed.

Directors Comments:

A clerical error was noted in the title of the document and was corrected to read *The Six Months Ended 30/06/2022*

No significant overages or savings are noted.

BD-22-89

Kennes – Brennan

“That the Board of Directors receive 9.1 (h) as information”

CARRIED

Item 9.1 (a) Business Arising

The report on business arising from the Jun 23, 2022 meeting was reviewed.

Item 9.1 (b) Current Watershed Conditions

Highlights:

- Flood threat is currently low on the Sydenham River
- A very dry July was followed by above-normal precipitation amounts for August to date
- Overall precipitation trends for the region are near-normal values
- Water levels on the surrounding lakes continue to decline and move closer to average levels

Watershed Conditions

Flood Threat

The current flood threat for the watershed is low, owing to lower water levels on the surrounding Great Lakes, reduced precipitation in July and lower streamflow values. While high amounts of precipitation earlier this month saw urban flooding of drainage infrastructure and roads, the river system at present has a greater capacity for precipitation inputs with the stream gauge at Wallaceburg having 50 cm of freeboard.

Precipitation

Short-term precipitation trends saw a lack of rainfall in July with some stations reporting half their monthly precipitation totals; this reduced precipitation led to a likewise drop in streamflow at various gauges across the region. However, long-term precipitation averages depict overall precipitation levels being near normal values. Convective storms in early August brought significant amounts of rainfall to the area and many stations are already recording above their monthly average prior to the end of the month, with likewise rebounds in streamflow averages.

- Despite a dry July, precipitation amounts in the last quarter were near-normal values
- Precipitation trends across the region were close to normal, with some stations falling below the 80% threshold (London, Sarnia) in the 6-month total
- Higher amounts of precipitation in the past several weeks are anticipated to bolster long-term regional precipitation averages

Item 9.1 (c) Healthy Watersheds Update

The Healthy Watershed Program has restored or enhanced over 1,000 ha of land, and over 4 million trees planted throughout the region. These projects, along with our

outreach and education events aim to minimize non-point source sedimentation, nutrient loading, and thermal changes in water bodies within our watershed.

This summer has been busy for Healthy Watersheds staff. Landowners are very interested in various stewardship projects on their land such as tree planting, wetlands, cover crops, and soil erosion control projects.

Staff continues to encourage the uptake and implementation of best management practices (BMPs) and to promote conservation within our watershed, SCRCA provides relevant information regarding the building of soil health, conservation, and water quality through workshops, conferences, newsletters, and social media.

- Healthy Watersheds staff sent out a newsletter focused on soil health and alternative cropping methods to over 250 landowners in Lambton Shores.
- The St. Clair Region Conservation Authority's Stewardship Review Committee met and approved funding for five wetland stewardship projects that will be completed Fall 2022 within the St. Clair watershed

Upcoming outreach events that promote stewardship and conservation:

Tuesday, September 6th to Friday, September 9th – **BioStrip Till Tailgate Tour Series**. In collaboration with OMAFRA and OSICA, this series will visit farms that have been practicing BioStrip till or similar strip tilling practices over the course of the year to see how the plants grow, the pros and cons of this best management practice and how we can learn from each other. More information on the tours can be found here:

<https://bit.ly/BioStripTour>

Saturday, September 10th – **Ipperwash Beach Cleanup**. 9:00 a.m. – 11:00 a.m. The 10th annual Beach Cleanup is part of the Healthy Lake Huron project. Participants to meet at the Ipperwash Beach Boat Launch (end of Ipperwash Road). Please RSVP to efebrey@scrca.on.ca to attend.

Wednesday, September 21st – **Coldstream CA Planting Event**. 9:00 a.m. – 11:00 a.m. at Coldstream Conservation Area. In celebration of National Tree Day, SCRCA staff will be hosting a tree and shrub planting event. The goal of this public event is to continue to naturalize a portion of the Coldstream Conservation Area. Please RSVP to efebrey@scrca.on.ca to attend.

Staff continues to work on special 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 is being undertaken with financial support from the Ontario Ministry of the Environment, Conservation, and Parks Great Lakes Program

- Sydenham River Aquatic Species at Risk Threat Inventory is being undertaken with funding from the DFO (Department of Fisheries and Oceans) Habitat Stewardship Program for Aquatic Species at Risk.

Item 9.1 (d) Conservation Services Update

Tree Planting Program

- Landowner contact and site visits for spring 2023 will start in early September. Inquiries from landowners continue to come in until the end of the year. Staff will be busy meeting with landowners, providing advice, developing tree planting plans and locating funding sources to assist landowners with the costs associated with a complete 3-year tree establishment program.
- Fewer grant programs seem to be the recent trend. Funding is necessary to make the program attractive to landowners. Without financial support, landowners turn away from the larger planting projects, instead opting for purchasing smaller quantities of tree seedlings that they can plant on their own at minimal cost to them.
- Tree survival assessments for projects that received partial funding through the Forests Ontario 50 Million Tree program are carried out in August and September by department staff. Tree survival rates vary from project to project, depending on how much added effort landowners have contributed to weed control. Average survival is approximately 90% in the first year after planting and 80% to 85% in the 5th year.

Vegetation Management Program

- Approximately 120,000 tree seedlings received vegetation management this past spring and another 100,000 trees require vegetation control this fall.
- Most tree projects receive 3 years of vegetation control after tree planting. Fall herbicide applications for 2020, 2021 and 2022 tree planting sites are scheduled to start the first week of October and will continue into late November after the deciduous seedlings go into dormancy (leaf drop). Payments for three years of vegetation control work is carried forward each year in the department budget.
- Spraying phragmites continues this year and involves several SCRCA and SCRCF lands, private properties and community association areas.

Seed Collection Program

- This year's tree seed collection is scheduled to start near the end of September. There is a short window of opportunity for tree seed, which only lasts approximately 2 to 3 weeks. Some scouting for seed was completed in July by staff with disconcerting results. Most deciduous tree species have little to no seed this year.
- Tree acorns, nuts, cones and keys that are collected will be shipped to the tree seedling nursery, where they are planted in seedbeds, grown for 1 to 3 years and purchased as tree seedlings for our tree planting program. This ensures future high quality tree stock that are indigenous to SCRCA's watershed.

Item 9.1 (e) Larvicide Report

- Municipal catch basins in rural and urban areas in the City of Sarnia and throughout Lambton County were treated with the growth regulator methoprene. Methoprene prevents mosquito larvae from developing into adult biting mosquitos.
- This work is carried out under contract with the County of Lambton with direction from Lambton Public Health.
- There were three separate larvicide applications set at 21-day intervals starting June 27th and finishing August 18th this year.
- Eight summer staff worked in teams of two and treated approximately 16,500 catch basins within a 10-day period.
- Permits to treat municipal catch basins were obtained from the MECP under the Authority's Pesticide Operators Licence, Insurance and staff exterminator's licences.
- Catch basins located within Aamjiwnaang, south of Sarnia, were also treated under a separate contract with Sarnia First Nation Health department and with approval from Health Canada.
- SCRCA staff conducted pre-treatment larvae sampling (dipping) in mid-June to monitor mosquito activity.
- SCRCA staff also conducted efficacy tests throughout the summer as part of the treatment program by collecting mosquito pupae samples every 15-17 days after methoprene treatment. Pupae are monitored for adult emergence after 4 days. Efficacy tests average 80% to 85% effectiveness at controlling adult mosquito emergence.
- The 3-year contract between SCRCA and Lambton County for this work was signed in 2018 but was extended to April 2023.

Item 9.1 (f) Regulations Report

The regulations activity summary report to July 31, 2022 was reviewed.

Item 9.1 (g) Planning Report

The planning activity summary report to July 31, 2022 was reviewed.

Item 9.1 (i) Disbursements

The list of disbursements from June to August, 2022 were reviewed.

Item 9.1 (j) 2022 General Levy Update

The list of general levy received to date was reviewed.

Item 9.1 (k) Investments

The investment statements to July, 2022 were reviewed.

Item 9.1 (l) Communications Update

2022 Conservation Scholarships:

On July 14th, 15th, and 22nd, the recipients of the 2022 Conservation Scholarships were presented with their awards by Authority Chair, Mike Stark.

The conservation scholarship program rewards graduating high school students who are pursuing post-secondary studies in a conservation-related field and who have demonstrated high academic standing and involvement in environmental initiatives.

A.W. Campbell Memorial Scholarship (\$1,000)

Tesni Greig-Clarke – Strathroy District Collegiate Institute

A.W. Campbell Memorial Scholarship (\$1,000)

Kiersten Denning – Strathroy District Collegiate Institute

Tony Stranak Conservation Scholarship (\$500)

Clark Dunn – Northern Collegiate Institute & Vocational School

Mary Jo Arnold Conservation Scholarship (\$500)

Heather Scott – Northern Collegiate Institute & Vocational School

Upcoming Events:

St. Clair Region Conservation Foundation Memorial Forest Dedication

Date – Sunday, September 25, 2022

Time – 2:00 p.m.

Location – Lorne C. Henderson Conservation Area, Petrolia

Media and Social Media Analytics:

SCRCA staff circulate notices, media releases, and other communications through local media outlets and social media. Statistics covering the timeframe from June 1, 2022, to July 31, 2022 were reviewed.

Item 9.1 (m) Education Report

Conservation Education – 2022-2023 School Year

On September 7, 2022, the SCRCA Conservation Education team will return to work for the 2022-2023 school year.

With the lifting of COVID-19 restrictions at the end of the 2021-2022 school year, staff are looking forward to a more normal return to school this September. At the time of this report, local school boards had not released any COVID-19 guidelines, however, the Province of Ontario released its “2022-2023 Plan to Catch Up” in July which highlighted field trips as an integral part of student’s school experiences.

Discussions will be held with Conservation Education staff in September to finalize the SCRCA’s 2022-2023 conservation education strategy and programming.

Conservation Education Fees – 2022-2023

As outlined in Schedule 4 of the SCRCA’s Draft Fee Policy, an increase in Conservation Education fees has been proposed for the 2022-2023 school year to better align with fees charged by neighbouring Conservation Authorities and increase cost-recovery. Fees have not increased since 2018.

Item 9.1 (n) AOC Report

RAP Coordination

BUI 1- Restrictions on fish and wildlife consumption

To assist in gathering insight on the habits of recreational and sports anglers, a community survey remains available for those that fish the St. Clair River. The information collected will assist in the assessment of this Beneficial Use Impairment. The survey was launched in Spring 2021 and will remain available until the end of December 2022. Through the use of Facebook, Twitter and Instagram, additional efforts were made in August 2022 to promote completion of the survey. Direct emailing to relevant area businesses also occurred. The survey remains available for completion online at the Friends of the St. Clair River website.

BUI 9- Restrictions on drinking water consumption or taste and odour problems

At the January 20, 2022 meeting of the Canadian RAP Implementation Committee (CRIC), the Draft Assessment Report for the restrictions on drinking water consumption or taste and odour problems BUI was approved to enter the process to have it re-designated as Not Impaired. Engagement activities are now underway. A presentation was made to Aamjiwnaang First Nation Chief and Council on May 30, 2022, the Walpole Island First Nation community on July 6, 2022 and the Walpole Island First Nation Infrastructure

Committee on July 21, 2022. A planned presentation to Walpole Island First Nation Chief and Council is to be scheduled after their Fall 2022 election, followed by a presentation to the Binational Public Advisory Council (BPAC). Questions and comments raised during the sessions are documented and responses are provided and tracked for reporting purposes.

Workplan

Development of the 2022-2027 Workplan for the St. Clair River Area of Concern is currently underway. It will focus on outlining the key actions that need to be completed over the next five years to be able to re-designate the five remaining Beneficial Use Impairments to a Not Impaired status.

Administration

Funding for the RAP Coordinator position is provided by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) and Environment and Climate Change Canada (ECCC). The current agreement with MECP is in place until February 28, 2024. The agreement with ECCC is in place until March 31, 2023 and has an option to be extended until March 31, 2024. In accordance with the agreements, the SCRCA will be providing periodic updates to MECP and ECCC on the status of the project work and allocation of project funds.

Recent Meetings

Canadian RAP Implementation Committee (CRIC)

- June 23, 2022
- Next Meeting: TBD

Friends of the St. Clair River (FOSCR)

- May 10, 2022
- Next Meeting: TBD

Binational Public Advisory Council (BPAC)

- June 23, 2022
- Next Meeting: Fall 2022

Outreach and Engagement

Re-designation Event - The RAP Office is assisting BPAC in organizing an event on September 13, 2022 to celebrate the 50-year milestone of the Great Lakes Water Quality Agreement, and the Re-designation of four Beneficial Use Impairments to a Not Impaired status on the Canadian side of the St. Clair River Area of Concern. The event is by invitation only and will be a free two-hour cruise on the St. Clair River on the Duc d'Orleans. During the cruise, a representative from Environment and Climate Change Canada will speak to the four BUI's that have been re-designated - Fish Tumours and

Other Deformities, Bird and Animal Deformities, Restrictions on Dredging Activities, and Beach Closings.

Community Events – The RAP Office provided support to the Friends of the St. Clair River at recent community events; Sombra Days on July 9, 2022 and Mermaids and Mariners on August 20, 2022. The support provided consisted of equipment and hand-outs for the booth, and staffing of the booth.

Newsletter - Friends of the 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.

Link to the most recent Newsletter: [August E-Newsletter](#)

BD-22-90

Brennan – Kennes

“That the Board of Directors approves the consent agenda and receives the accompanying items 9.1 (a) through 9.1 (n) as information with the exception of 9.1 (h).”

CARRIED

Under New Business

Director Emery Huszka addressed the Board, expressing the complexities of representing the SCRCA Board of Directors, while also delivering value to the local farming community. It was noted that many in the farming community feel that communication from local Conservation Areas, among other various levels of government, is significantly lacking. It is requested that the board and management reflect on how we can better engage local farmers and work to build stronger relationships as we discuss the strategic plan and our overall commitment to continuous improvement. A formal invitation will be provided to SCRCA staff to attend the 2023 Grain Farmers of Ontario annual meeting on January 19, 2023 and staff are welcome to consider hosting a booth in order to facilitate discussions on matters of concern, in particular, concerns related to drainage.

Director John Brennan suggested making amendments to SCRCA governing by-laws with consideration for board membership cycling. While long-standing and experienced members of the board are seen as an asset, it was discussed amongst directors that having an annual turnover of 1/3 may provide council members with a stronger understanding of the Conservation Authority.

Vice Chair, Pat Brown highlighted the St. Clair River Area of Concern (AOC) Boat Cruise, held on September 13, 2022, which celebrated the re-designation of four beneficial use impairments along the St. Clair River. The Binational Public Advisory Council (BPAC),

SCRCA and the Friends of the St. Clair River were commended for their work.

Director Tim Wilkins enquired when municipalities can expect to see an improvement on service delivery and timelines as they relate to permit applications. General Manager, Ken Phillips informed the board that a draft service delivery policy is underway and is expected to be brought to the November 10, 2022 board meeting. It was reiterated that delays in permitting can be incurred for various reasons, some of which are not under the control of the Conservation Authority. In addition, SCRCA has experienced the loss of 3 staff to other agencies in the past month and is doing everything possible to fill gaps and return staffing levels to full compliment.

Chair, Mike Stark noted a vast improvement within the Planning and Regulations department and reminded the board that there is a direct correlation between staffing levels and service delivery.

Director Kevin Marriott requested that the board move in-camera to discuss the recent loss of planning staff to other agencies and the possible reasoning.

BD-22-91

Marriott – Huszka

“That the Board of Directors move in-camera at 11:12 a.m. to discuss staff issues with the General Manager and Administrative Assistant/Board Coordinator present.”

CARRIED

BD-22-92

Brennan – Kennes

“That the Board of Directors rise and report at 11:34 a.m.”

CARRIED

At the June 23, 2022 Board of Directors meeting, General Manager Ken Phillips presented a plan to create and ultimately approve a new strategic plan for the SCRCA for the 5-year period of 2023-2028. The General Manager engaged all SCRCA staff to provide analysis of the 2017-2022 plan and suggest improvements/revisions for the 2023-2028 plan. Attached is a draft based on those discussions. Once the Board of Directors had provided its comments and direction, staff will hold public information sessions throughout the watershed.

Strategic Objectives(s):

Goal 4: Build a Stronger and More Valued Workplace Through Business Excellence.

Financial Impact:

None

The draft strategic plan was reviewed.

Directors Comments:

Chair Mike Stark commented that SCRCA should maintain focus on mandatory, core Programming and that any additional programs must be fully funded.

BD-22-93

Burrell – Kennes

“The Board of Directors receive for information and discussion the draft 2023-2028 Strategic Plan and further that the Board of Directors directs staff to engage the public to provide feedback on the draft plan once revisions based on Boards of Directors comments are incorporated.”

CARRIED

BD-22-94

Brennan – Burrell

“That the meeting be adjourned at 12:03 p.m.”

CARRIED

Mike Stark
Chair



Ken Phillips
General Manager

**CONSERVATION ONTARIO AGM/COUNCIL MEETING MINUTES
September 26, 2022 (Meeting via Zoom)**

Voting Delegates Present:

Chair: Alan Revill, Cataraqui Region

Brian Horner, Ausable Bayfield
 Katrina Furlanetto, Cataraqui Region
 Lori Baldwin-Sands, Catfish Creek
 Dusty Underhill, Catfish Creek
 Chris Darling, Central Lake Ontario
 Tom Adams, Credit Valley
 Quentin Hanchard, Credit Valley
 Tim Pidduck, Crowe Valley
 Chris White, Grand River
 Samantha Lawson, Grand River
 Scott Greig, Grey Sauble
 Tim Lanthier, Grey Sauble
 Hassaan Basit, Halton
 Lisa Burnside, Hamilton
 Mark Majchrowski, Kawartha
 Elizabeth VanHooren, Kettle Creek
 Peter Ferragine, Lake Simcoe Region
 Rob Baldwin, Lake Simcoe Region
 Donna Blunt, Lakehead
 Tammy Cook, Lakehead
 John Scholten, Long Point Region
 Judy Maxwell, Long Point Region

Eric Sandford, Lower Trent
 Rhonda Bateman, Lower Trent
 Jeff Atkinson, Mississippi Valley
 Janet Mason, Mississippi Valley
 Chandra Sharma, Niagara Peninsula
 Carl Jorgensen, Nickel District (Con. Sudbury)
 Chitra Gowda, North Bay-Mattawa
 Mariane McLeod, Nottawasaga Valley
 Gail Little, Nottawasaga Valley
 Andy Mitchell, Otonabee Region
 James Flieler, Quinte Region
 Richard Pilon, Raisin Region
 Pieter Leenhouts, Rideau Valley
 Sommer Casgrain-Robertson, Rideau Valley
 Corrina Barrett, Sault Ste Marie Region
 Pierre Leroux, South Nation
 Mike Stark, St. Clair Region
 Pat Brown, St. Clair Region
 Ken Phillips, St. Clair Region
 John Mackenzie, Toronto and Region
 Alan Dale, Upper Thames River
 Tracy Annett, Upper Thames River

Guests:

Brad McNevin, Quinte Conservation
 Chris Hibbard, Nottawasaga Valley
 Phil Beard, Maitland Valley

Members Absent:

Ganaraska Region
 Lower Thames Valley

CO Staff:

Angela Coleman
 Deborah Balika
 Kristin Bristow
 Nicholas Fischer
 Lauren McPherson

Nekeisha Mohammed
 Patricia Moleirinho
 Leslie Rich
 Jo-Anne Rzakki
 Jenna Salvatore
 Rick Wilson

I. Welcome from the Chair

Chair Revill welcomed everyone in attendance.

Angela Coleman was introduced and welcomed as Conservation Ontario's new General Manager. Jenna Salvatore was welcomed and introduced as the new Nature Smart Climate Solutions Project Coordinator with Conservation Ontario. Janette Loveys Smith was introduced and welcomed as the new General Manger at the Otonabee Region Conservation Authority. Peiter Leenhouts addressed Conservation Ontario Council and provided an update on an award bestowed to Sommer Casgrain-Robertson for her work at Rideau Valley Conservation Authority.

II. Adoption of the Agenda

There was an agenda item missing from the Full Council section of the agenda. The “Motion to move from Full Council to Committee of the Whole” was missing. That agenda item was added in as agenda item VI.

**#49/22 Moved by: John Mackenzie
Seconded by: Peter Ferragine**

THAT the Agenda be adopted as amended.

CARRIED

III. Declaration of Conflict of Interest

There was none declared.

IV. Approval of the Minutes of the Previous Meeting

**#50/22 Moved by: Pieter Leenhouts
Seconded by: Jeff Atkinson**

THAT the minutes from the June 20, 2022 meeting be approved.

CARRIED

V. Business Arising from the Minutes

There was none that was not covered by the meeting agenda.

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

**#51/22 Moved by: Tom Adams
Seconded by: John Mackenzie**

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

CARRIED

VII. Agenda Items

DISCUSSION ITEMS

A. Climate Change Advocacy Update:

- 1. Provincial Climate Change Impact Assessment (PCCIA)**
- 2. National Adaptation Strategy (NAS)**

Jo-Anne Rzadki briefly referred to the Update and introduced the presentation on Climate Proof Canada’s recommendations on Canada’s National Adaptation Strategy. Alison Steele delivered the presentation on behalf of Craig Stewart (Insurance Bureau of Canada), with Blair Feltmate (Intact Centre for Climate Change Adaption, University of Waterloo). The presentation is attached to the minutes.

C.W. #52/22 Moved by: Pat Brown
Seconded by: John Mackenzie

There was discussion related to the reference in the presentation to acute climate risks (including wildfires, flooding, and extreme heat), and that consideration for labelling that “extreme heat” as “extreme weather” as not to downplay the risk of storms that may produce tornadoes, high winds, and hail; storms can cause structural damage, power outages, and crop damage. It was noted that all the climate risks are important and not to be ignored, but that the working group for Climate Proof Canada had prioritized the flooding and fire as two key perils as they are two factors that in Canada are the costliest financially. It was also noted that extreme heat had been identified as a key peril due to the high number of deaths it can cause.

There was discussion on the difficulties related to aftermath of extreme weather events and the elongated recovery timelines with trade worker shortages.

There was discussion on urban flooding versus the riverine flooding that the Conservation Authorities are most involved in, and if there may be an appetite for looking at what Conservation Authorities do in Ontario; directing development outside of hazard lands, and green infrastructure work undertaken, and looking at the Conservation Authority model in comparison to other areas of Canada and the effect these CA projects have in mitigating extreme weather.

There was discussion on pushback that Conservation Authorities get from insurance adjusters when recovery projects are undertaken with new additional measures to mitigate future issues, and what education activities are insurance adjusters receiving so that Conservation Authorities are not challenged when working with local building services departments to make homes more resilient to overland flooding.

THAT Council receives this report as information.

CARRIED

B. General Manager’s (Acting) Report

Bonnie Fox presented the report.

C.W. #53/22 Moved by: Carl Jorgensen
Seconded by: James Flieler

THAT Council receives this report as information.

CARRIED

C. 2023 CO Workplan Report Update

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

C.W. #54/22 Moved by: Lor Baldwin-Sands
Seconded by: Eric Sandford

THAT Council approve Conservation Ontario’s 2023 Annual Workplan.

CARRIED

D. Proposed 2023 CO Operating Budget & Levy

Angela Coleman presented the report on behalf of Linda Laliberte.

C.W. #55/22 Moved by: Aland Dale
Seconded by: Scott Greig

- 1) THAT Council adopt the 2023 Proposed Operations Budget as presented.**
- 2) THAT the general levy of \$ 1,375,000 be approved and apportioned in accordance with the attached schedule.**

CARRIED

E. Budget Status Report for period ending July 31, 2022

Bonnie Fox presented the report.

C.W. #56/22 Moved by: Peter Ferragine
Seconded by: Lori Baldwin-Sands

THAT Council receives this report as information.

CARRIED

F. CA Act Regulatory Requirements: Update on CO/CA Activities

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

C.W. #57/22 Moved by: John Mackenzie
Seconded by: Jeff Atkinson

THAT Council receives this report as information.

CARRIED

G. Update on the Conservation Ontario Client Service and Streamlining Initiative

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

C.W. #58/22 Moved by: Pierre Leroux
Seconded by: Hassaan Basit

THAT Council endorses the draft "Annual Reporting on Planning Service Delivery Standards Template (for plan review under the Planning Act) for use by conservation authorities participating in the client-centric checklist;

AND THAT Corrina Barrett (SSMRCA) be endorsed as a member of the Client Service and Streamlining Initiative Steering Committee;

AND THAT Ashlea Brown (LSRCA) be endorsed as a member of the Timely Review and Approvals Taskforce.

CARRIED

H. Update on Stakeholders' Positions on Housing in Ontario

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

**C.W. #59/22 Moved by: Lori Baldwin-Sands
Seconded by: Peter Ferragine**

THAT Council receives this report as information.

CARRIED

I. Update on the 2023 Conservation Authority Watershed Report Cards

Debbie Balika presented the report.

**C.W. #60/22 Moved by: Jennifer Stephens
Seconded by: Andy Mitchell**

THAT Council receives this report as information.

CARRIED

CONSENT ITEMS

**C.W. #61/22 Moved by: Alan Dale
Seconded by: Peter Ferragine**

THAT Council approve the consent agenda and endorse the recommendations accompanying Consent Items VI J-Niv.

CARRIED

J. Update on the Development of Standard Operating Procedures for Provincial Offences Officers

THAT Council receives this report as information.

K. CO Representative on 4R Nutrient Stewardship Memorandum of Cooperation Steering Committee

THAT CO Council endorse Patrick Esson, Senior Project Manager, Restoration Projects at Toronto Region Conservation Authority to represent CO on the Ontario 4R Nutrient Stewardship Memorandum of Cooperation Steering Committee.

L. Great Lakes Public Forum (Niagara Falls September 27-29) – Associated Reports

THAT Council receives this report as information.

M. Update on the 2022 Latornell Conservation Symposium

THAT Council receives this report as information.

N. Program Updates

i. Business Development and Partnerships Program Update

THAT Council receives this report as information.

ii. Drinking Water Source Protection Program Update

THAT Council receives this report as information.

- iii. Marketing and Communications Program Update
THAT Council receives this report as information.
- iv. Information Management Program Update
THAT Council receives this report as information.

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

#62/22 **Moved by: Peiter Leenhouts**
 Seconded by: Jennifer Stephens

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

CARRIED

IX. Council Business – Council Adoption of Recommendations

#63/22 **Moved by: John Mackenzie**
 Seconded by: Carl Jorgensen

*THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations:
C.W. #52/22 to C.W. #61/22.*

CARRIED

X. New Business

Alan Revill proposed to the Council members that an in-person meeting for the April AGM and Council Meeting be recommended. There was a request by a member for consideration of moving a COP Council meeting to coincide with the A.D. Latornell Symposium.

XI. Adjourn

#64/22 **Moved by: Hassaan Basit**
 Seconded by: Tom Adams

THAT the meeting be adjourned.

CARRIED

From: [Ben Arnold](#)
To: [Tim Payne](#); [Ashley Fletcher](#)
Subject: Re: Request for Delegation Materials for November meeting
Date: Thursday, October 20, 2022 11:38:00 AM
Attachments: [image.png](#)
[image.png](#)

adding accessibility info below

On Thu, Oct 20, 2022 at 11:38 AM Ben Arnold <benjamingeorgearnold@gmail.com> wrote:

Hi Ashley,

Please see below for information for meeting. Please let me know if all is ok with it.

Thanks,

-Ben

I will make written information and other forms of communication accessible, upon request.

To : SCRCA Board of Directors

From: Ben Arnold

Oct 19, 2022

I have been your tenant farmer for the last two crop seasons on a total of 650 acres of Conservation Authority Farm Land. It has been a pleasure working with your team, and my wife and I have very much enjoyed the atmosphere and natural beauty of the lands as we have worked to effectively farm the properties.

We have noticed a higher than normal level of weeds and lower yields on many of the SCRCA Farms we manage. We have consulted with 3 different agronomists looking for ways to improve the farms and restore them to a level of productivity that will lead to profitable farming and good stewardship.

The biggest issue we have been advised on by multiple agronomists is that the pH level is too low in the fields. This will lead to increased weed pressure and decreased yields. It is the single largest limiting factor for soil biology in maintaining this productive farmland at this time. It can take 2-3 years to see effects from adding lime to see a full adjustment up in pH to get the effect from the cost of application.

We propose to add lime at the recommended rate per our agronomist, Chad Anderson. This would require 3 tons per acre of lime at a cost of \$50/ton plus \$19/mt to spread it.

This would be a cost of \$207 per acre on 650 acres = \$134,550.

We are requesting a 10 year extension to our lease to accommodate this work.

It will take 2 or 3 years to see the benefit of this expense, during which time we may continue to have much lower production levels than other farms in the area.

We will continue to look at ways to increase productivity and restore soil health. We are currently exploring cover crops, compost application, and ways to increase beneficial bacteria in the soil.

Thank you for your time in reviewing our proposal. We have also been advised the end of October this year is an excellent time to make lime applications. By the end of November it will probably be too late to apply this year, which would push it out to likely next fall.

Please see attached information from the soil tests we have completed, as well as the written recommendations of our agronomist, Chad Anderson.

Sincerely,

Ben Arnold

benjamingeorgearnold@gmail.com

519-868-3931 day

519-466-5579 evening

Recommendation from Chad Anderson, Agronomist

So Ben I reviewed the soil test you do have. In general you have low to medium testing phosphorus fields and high potassium.

The general trend is low ph, soil ph is the most critical value on a soil test both for nutrient availability as well as herbicide effectiveness.

I have included the lime recommendation chart to explain how the buffer ph works (bph). You will see most of your bph is below 6.6 so you are looking at a rate of 3 tn/ac, normal industry practise is not to apply more than 3 tn at once as this is all the soil can handle to facilitate change.

Keep in mind rates are based on a AgIndex of 75, most lime are in the 80 to 90's so you cut the rate back accordingly.

Industry standard is to target 6.5 ph and lime once ph falls below 6.1, I tend to lime anything below 6.5

I checked with the co-op, they are \$50/tn for lime and another \$19/tn for application.

Fall applications get tricky with soil conditions as you are applying a lot of product, once we get to freezing you are done as lime is wet.

Chad

Anderson Agronomy Services

519-331-0526

yourfourthman@gmail.com

Table 3–2. Lime requirements to correct soil acidity based on soil pH and soil buffer pH
Ground limestone required — t/ha (based on an Agricultural Index of 75)

Buffer pH	Target soil* pH = 7	Target soil pH = 6.5 (Lime if soil pH below 6.1)	Target soil pH = 6.0 (Lime if soil pH below 5.6)	Target soil pH = 5.5 (Lime if soil pH below 5.1)
7.0	2	2	1	1
6.9	3	2	1	1
6.8	3	2	1	1
6.7	4	2	2	1
6.6	5	3	2	1
6.5	6	3	2	1
6.4	7	4	3	2
6.3	8	5	3	2
6.2	10	6	4	2
6.1	11	7	5	2
6.0	13	9	6	3
5.9	14	10	7	4
5.8	16	12	8	4
5.7	18	13	9	5
5.6	20	15	11	6
5.5	20	17	12	8
5.4	20	19	14	9
5.3	20	20	15	10
5.2	20	20	17	11
5.1	20	20	19	13
5.0	20	20	20	15
4.9	20	20	20	16
4.8	20	20	20	18
4.7	20	20	20	20
4.6	20	20	20	20

* Liming to pH 7.0 is recommended only for club-root control on cole crops.

Results from Soil Tests (2021) and Lime cost by field (Testing completed by Brigden Coop, recommendation Chad Anderson, Agronomist)

Field	pH	Acres	Rate (tons/acre)	Cost/ton (incl spreading)	cost per acre	Total cost
38	5.5	43	3	69	207	\$ 8,901.00
	5.9					
39	5.6	44.5	3	69	207	\$ 9,211.50
	5.8					
40 ---		28.5	3	69	207	\$ 5,899.50
79,80E, 82 ---		68	3	69	207	\$ 14,076.00
79,80W ---		64	3	69	207	\$ 13,248.00
82N, 83W	4.7	92	3	69	207	\$ 19,044.00
	5.8					
	5.6					
	5.7					
91 ---		28.5	3	69	207	\$ 5,899.50
92 ---		73.5	3	69	207	\$ 15,214.50
95	6.5	72.5	3	69	207	\$ 15,007.50
	6.4					
	6.2					
	6.1					
97	5.5	21	3	69	207	\$ 4,347.00
101	6.1	33	3	69	207	\$ 6,831.00
	5.9					
103 ---		48	3	69	207	\$ 9,936.00
138, 140	6.5	33.5	3	69	207	\$ 6,934.50
	5.7					
	7.3					

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to the land, however to make investments and realize their benefits, he will require an extension of the land lease.

Staff recognize this as a positive opportunity to partner with the tenant, providing benefits such as base line information on the land, monitoring of the results and documentation of improvements to soil health and yield, based on the science and inputs.

Strategic Objectives(s):

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

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.

Financial Impact:

None

From: [Phil DeMoor](#)
To: [SCRCA General Inbox](#)
Cc: [Ken Phillips](#); [Mark Hay](#)
Subject: Nov 2022 Board Presentation Request - SCRCA Hunting Property
Date: Monday, October 17, 2022 6:19:50 PM
Attachments: [Area 56 SCRA Map Presentation.pdf](#)
[Area 40 SCRA Map Presentation.pdf](#)

Hello,

Mark Hay and Phil DeMoor would like to make a presentation to the SCRCA Board during the November 10, 2022 meeting regarding the SCRCA Hunting Policy, specifically hunting and shooting on SCRCA properties #40 & #56. We have both noticed an increased frequency of incidents involving hunters on these properties which border our properties. These incidents include, but are not limited to, trespassing and unsafe use of a firearm which we will explain during our presentation. We are asking you to consider making Area #40 a “no hunting and shooting” area. We are also looking for a “no hunting and shooting” buffer zone between Area #56 and Mr. DeMoor’s north property line.

Attached are 2 aerial photo’s of the said Area’s #56 & #40 which we will discuss during our presentation.

Nancy DeMoor and MaryAnn Hay will also be attending.

If you have any question, please feel free to call.

Phil DeMoor
519-464-2350

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Wilkesport Zone
#39
- No Hunting-

DeMoor
Residence

Hay Residence

Zone #40

Bentpath Line

Bentpath Line

Bentpath Line

Area 56

DeMoor



39

- CA staff review and revise the hunting program documents annually to reflect changes to the Ontario Hunting Regulations and the Migratory Bird Act to address any potential issues, all with safety being a key factor.
- Applicants who apply to for permission to hunt on the St Clair Region Conservation Authority lands, where hunting is permitted, must provide proof of membership, in good standing, with the Ontario Federation of Anglers and Hunters (which comes with \$5 million excess Member's Personal Public Liability Insurance).
- In order to obtain an Ontario Hunting License, a hunter must have an Outdoors Card, proof that the hunter has taken a hunter safety course that is on file with the Fish and Wildlife Licensing Service as well as a federal firearms accreditation. If hunting with a gun, hunters must have all required licenses and tags for the game they wish to hunt.
- The Ontario Hunter Education Course teaches new hunters about hunting laws and regulations, hunter responsibilities, wildlife management, hunting safety and equipment, hunting techniques, and wildlife identification.
- The federal firearms accreditation course teaches firearms owners about firearms safety practices, ammunition types and storage, operating firearm actions, safe handling and carry procedures, responsibilities of the firearms owner/user, safe storage, display, transportation, and handling of firearms.
- In the last 20 years, staff have responded to a small number of issues on SCRCA lands where hunting is permitted. All occurrences were related to hunters trespassing to hunt. OMNRF Conservation Officers were contacted and all parties were charged and prosecuted.
- In the last 20 years staff have also met with several adjoining landowners to address issues, which included stolen hunting equipment, trespassing, and driving off-road equipment on their lands.
- All violators that were identified were not hunters permitted to hunt on SCRCA lands. Staff suggested that the landowners should contact the OMNRF Conservation Officers and or the OPP to address these enforcement issues as well as contact law enforcement officers if the landowner has any further issues. It was also suggested that the landowner may wish to install no hunting signs or take other proactive actions to stop unwanted issues.
- Staff have suggested to landowners, who do not feel safe, to be proactive and wear hunter orange clothing, headwear and possibly bells to alert hunters that other people are in the area.
- All of the issues brought to the attention of SCRCA staff were enforcement related and under the jurisdiction of the OMNRF or the OPP and not the SCRCA.
- The hunting program provides individuals with a place to hunt in an area where obtaining permission to hunt is difficult. With permitted hunters on conservation lands, it helps minimize illegal hunting activities.
- Staff recommend the hunting program continue in its current state and continue to document, corroborate and investigate any issues moving forward to determine if permitted hunters are causing issues or if the issues are non-permitted hunters trespassing to hunt. A review of the current fee should be discussed.

The following documents are the SCRCA's Hunting Permit Application as well as a map of the McKeough Upstream properties outlining areas where hunting is permitted and not permitted.



St. Clair Region Conservation Authority (SCRCA)

205 Mill Pond Cres. Strathroy Ont. N7G 3P9

E-mail: swhite@scrca.on.ca Website: www.scrca.on.ca

Ph.#: 519-892-3824 Fax#: 519-245-3348

HUNTING & TRAPPING PERMIT APPLICATION FORM

To obtain permission to hunt and/or trap on St. Clair Conservation Authority (SCRCA) owned lands associated with the W. Darcy McKeough Floodway Project: Hunting is permitted from September 1st of this year till May 31st of next year on the properties outline in the "Upstream Property Map and Description" section of the hunting package.

Note: This application form must be filled out CORRECTLY and COMPLETELY, with the fee of \$70.00 for hunting, and \$10.00 per property for trapping. Application can be mailed to the above address, emailed to swhite@scrca.on.ca or faxed to 519-245-3348; all applications must be received by AUGUST 21st.

Please read this application completely prior to filling out the permit application.

- Please remember that the CA lands are multi-purpose and multi-use areas for everyone to enjoy, and be aware you may not be the only person/people enjoying our lands. Be certain of your line of fire and backstop. If you are not sure, do not shoot. HUNT SMART, HUNT SAFE.**
- The St Clair Region Conservation Authority permits hunting/trapping on its lands, to residents of Ontario, to promote wildlife health and sustainability.
- The St Clair Region Conservation Authority permits hunters/trappers to hunt/trap on selected W. Darcy McKeough Floodway Lands subject to all federal, provincial, and municipal, laws, rules, regulations, bylaws, seasons, limits and restrictions set out in the current Ontario Hunting Regulations, Migratory Game Bird Hunting Regulations and all game and wildlife laws. The Conservation Authority has incorporated additional rules and limitations for the safety of the public, the conservation of wildlife, safety of you and fellow hunters/trappers
- A permit signed, by two representatives of the SCRCA constitutes permission to hunt and/or trap on the McKeough Lands that you have applied to hunt and/or trap. A Photo copy of the permit is not considered valid, only an original permit is valid. The hunter/trapper must carry the permit on his/her person any time he/she is hunting and or trapping on any of the lands. This permit is non-transferable, (i.e. each person must be covered by his/her own permit). He/she must also carry a form of government photo identification and present the identification and permit to: MNR Conservation Officer(s); OPP Officer(s); or any employee or agent of the authority when asked for proof of identification and permission.
- Only lands owned by the Authority and described on the property description section are open for hunting. You are not permitted to hunt/trap on any property owned by the Authority that is not listed on the property description section.
- Permits may be limited to a first come first serve basis, so it is important to submit early.
- It is the hunter's/trapper's responsibility to ensure that they are in compliance with the requirements of all game laws, federal, provincial, and municipal, rules, regulations, bylaws, licenses, and permits for the WMU (93A) you are hunting/trapping at all times while hunting/trapping in the McKeough Floodway Project Properties
- During the Controlled Deer Hunt, a hunter will be permitted to apply to hunt CA lands for one of the controlled deer hunt seasons and may only hunt in the zone(s) that they have been designated for the safety and wellbeing of all hunters.
- During the two controlled deer hunt seasons, only deer hunting will be permitted and all other hunting activities will be suspended for the safety of all hunters.

10. To obtain a controlled deer hunt zone application, please visit our website at <http://www.scrca.on.ca/about-us/publications> or contact Shane White at 519-892-3824 or at swhite@scrca.on.ca.
11. The hunter/trapper must be a member of the Ontario Federation of Anglers and Hunters and be in good standing with the Federation. The SCRCA will forward the names and membership numbers to the OFAH to confirm membership with OFAH. To obtain an OFAH membership call 705-748-6324 or online at www.ofah.org.
12. No hunting or shooting is allowed within 100 meters of any building LOCATED ON OUR PROPERTY OR NEIGHBOURING PROPERTIES.
13. Neither the hunter/trapper nor his/her dog may enter into any growing or standing crop or enter any pasture containing livestock on CA lands.
14. No vehicles, snowmobiles and/or off-road vehicles shall be taken onto any of the properties - either on laneways or off for any reason. Agricultural Tenants, CA staff, Contractor's, etc. may require access to these lands.
15. Tree stands will be limited to self-climbing or ladder stands. The use of tree stands with a potential to damage trees cannot be used on Authority properties (i.e. bolted, screwed, lagged to the tree, etc.). Tree stands must be removed from the tree no later than January 15th and cannot be installed any earlier than September 15th. Tree stands found in violation will be removed at the owner's expense. The Conservation Authority assumes no responsibility for tree stands, blinds or any other hunting equipment left on Authority property.
16. Groups larger than 5 are prohibited while hunting on Authority properties.
17. Trapping permits will be limited to one per property. See our website or contact administrator for Trapper Property Permit Application. Trapper Property Permit Application must be completed and submitted with this application.
18. Hunting is permitted from September 1st of this year till May 31st of next year on the properties outline in the "Upstream Property Map and Description". No hunting/trapping will be permitted from June 1st to August 31st.
19. Trap/ target shooting, or any other use of a fire arm or bow, not related to the act of hunting is prohibited on SCRCA lands.
20. A mandatory animal harvest record must be returned to the SCRCA Administrator by the Second Monday of June, even if you did not hunt or trap. Anyone who fails to submit a report may not receive a permit for the following season.
21. Please view the current Hunting Summary for Firearms Restrictions for Hunting in Ontario (WMU 93A.)
22. The St Clair Region Conservation Authority reserves the right to suspend any and all hunting/trapping activities for any reason including, but not limited to: to allow staff and contractors to work safely on the properties, for the safety of the public; or for the preservation of wildlife
23. The hunter/trapper agrees to save harmless the Conservation Authority, its servants and agents against all loss, damage and expense attributable to or connected with hunting and/or trapping by or on behalf of the Licensee no matter how caused and not withstanding any negligence on the part of the Conservation Authority or its servants.
24. By signing and dating the SCRCA Hunting & Trapping Permit Application Form, the hunter agrees to, understands, and will adhere to, and abide by all terms and conditions, stated in this document. Any person(s) caught in violation of the rules above may result in the violator(s) hunting/trapping privileges being suspended for the rest of the hunting/trapping season and may result in the violator(s) not receiving a hunting/trapping permit for the following year(s). Failure to comply with

any and all parts of this document may result in loss of hunting/trapping privileges and possible intervention from the OPP and/or MNR Conservation Officer, all at the hunter's/trapper's expense. **CONVICTIONS UNDER THE GAME LAWS WILL RESULT IN REVOKING PERMISSION INDEFINITELY AND CONVICTIONS UNDER THE TRESPASS TO PROPERTY ACT WILL RESULT IN THE REVOKING OF PERMISSION FOR A PERIOD OF 5 YEARS. YOUR FEE WILL NOT BE RETURNED.**

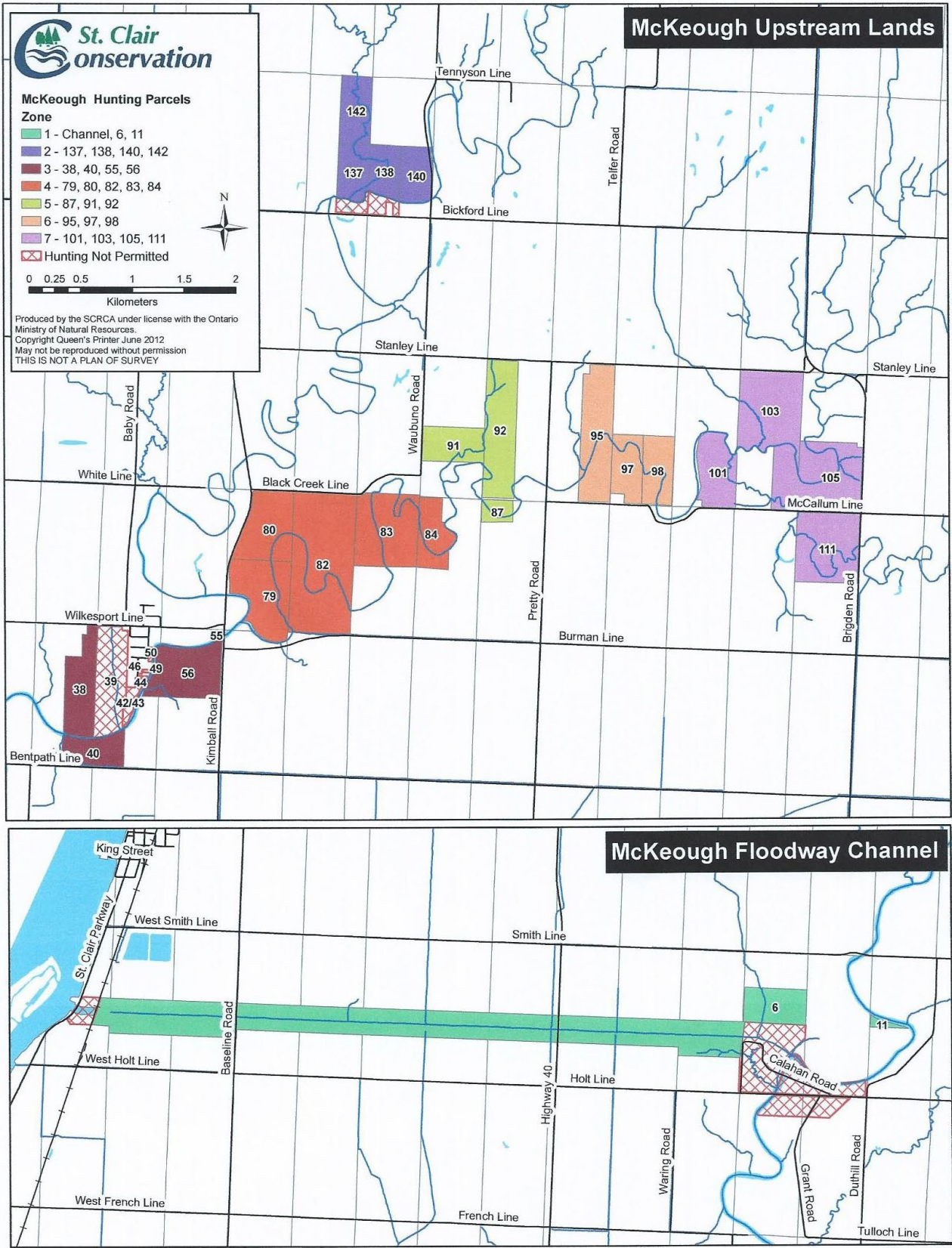
The personal information contained on this form is collected under Section 21 (4) of the Conservation Authorities Act R.S.O. 1980 and will be released to our personnel, Ministry of Natural Resources, O.P.P. The Ontario Federation of Anglers and Hunters, and any adjacent landowners who request the information for purposes of security. For more information about the use of this information, please contact Shane White at 519-892-3824.

Upon receipt of the application the SCRCA will contact the OFAH to confirm your membership. Once confirmation of membership in the OFAH is received and confirmation of payment is received, the SCRCA will issue you a permit, thus granting permission to hunt and/or trap on the designated McKeough Floodway Lands. SCRCA Hunting/Trapping Permit Application Form

Please Print & Return by Aug 21st (applications that are returned after the deadline or incomplete forms will not be considered for permit)

Name		Date	
Signature		Telephone Number(s)	
Street Address			
City		Postal Code	Email Address
License Plate Number(s)			
OFAH Membership #		Expiry Date	
Applying for <input type="checkbox"/> \$80.00 Hunting permit <input type="checkbox"/> \$10.00/Prop Trapping		Amount Enclosed	
Method of Payment <input type="checkbox"/> Cash <input type="checkbox"/> Money order <input type="checkbox"/> Cheque <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard (Cheques/Money orders can be made out to the St Clair Region Conservation Authority)			
Name of Credit Card _____		Name of Credit Card Holder _____	
Credit Card Number _____		Expiry Date _____ CSC # _____ (3 digits on back)	

Please forward any questions, concerns, or suggestions to improve our hunting program to the above address. We are always looking to improve our hunting programs to make the hunt enjoyable, safe for all, and promote wildlife conservation, health and sustainability. Any and all suggestions to improve this program are welcomed by our staff. Thank for your suggestions and input on our hunting program.



Meeting Date: November 10, 2022 **Item 6.1**
Report Date: November 1, 2022
Submitted by: Ken Phillips

Subject: General Manager's Report

Recommendation:

That the Board of Directors receive for information the General Managers Report dated November 1, 2022

Report:**Operations**

- The SCRCA service delivery standards have been delayed as a result of Bill 23 *More Homes Built Faster Act, 2022*, that will alter timelines and deliverables. The General Manager and the Director of Planning and Regulations will be attending a Conservation Ontario session on November 9, 2022 to gain more insight into the proposed changes to the Conservation Authorities Act and resulting service delivery standards.
- Staff conducted public open house sessions on the 2023-2038 Strategic Plan in Petrolia, Dresden, Forest and Sarnia during the week of October 24-28, 2022. A final session takes place in Strathroy on November 3, 2022 at the SCRCA Administrative Office.

Community/Partnership Outreach

- The General Manager attended two meetings of the Sarnia-Lambton Chamber of Commerce (SLCC) Green Committee. The SCRCA will be working with the SLCC in the future to provide education and outreach sessions for members.
- A meeting was held with staff from the University of Guelph Campus at Ridgetown to discuss potential opportunities for partnering on various projects and initiatives.

Federal/Provincial/Municipal Meetings

- The General Manager has attended several meetings with regard to the changes of the Conservation Authorities act under the proposed Bill 23. The Board of Directors will be given a formal report at the next Board of Directors meeting.
- The General Manager attended the Ontario Trillium Fund recognition event at Wawanosh Wetlands Conservation Area. Member of Provincial Parliament, Bob Bailey; Chair, Mike Stark and Vice-Chair, Pat Brown were also in attendance.

HYBRID WORK ARRANGEMENT POLICY

0. POLICY STATEMENT

0.1 The intent of this Policy is to provide guidelines for hybrid work arrangements for St. Clair Region Conservation Authority (SCRCA) employees, including the process and expectations for those employees when working remotely (the “**virtual workspace**”). The SCRCA reserves the right to revoke or modify hybrid work arrangements, as outlined below, at any time.

1. PURPOSE

1.1 The SCRCA recognizes that providing hybrid work arrangements is an important component of it's to ability to attract, support, retain and invest in its staff.

2. SCOPE

2.1 Pursuant to this Policy, all employees who are in roles that are conducive to remote work will be advised of their eligibility in writing, of the ability to adopt a hybrid model for their work schedule.

2.2 For those employees who are in public-facing roles, or where it has been determined by senior management that they cannot effectively perform their work remotely, they will be ineligible for hybrid work arrangements and will need to continue working from the Administration Office located at 205 Mill Pond Crescent, Strathroy, Ontario, or respective designated office location, on an ongoing basis.

3. GENERAL CONDITIONS

3.1 **Guidelines**

The hybrid work schedule will be as follows:

- 3.1.1 Eligible SCRCA employees will be able to work remotely part-time, 2 days per week, with the requirement to attend at the Administration Office or designated workplace on the remaining 3 days of the week (“**hybrid arrangement**”).
- 3.1.2 Ineligible SCRCA employees, in roles that are required to work from the Administration Office or respective designated office location on a full-time basis, may be eligible for alternative flexible options (e.g., flex start/finish times), at the sole discretion of the General Manager upon approval from their Manager or Director. Flexible work will be arranged on a case-by-case basis.
- 3.1.3 Employees who are granted the ability to work remotely under the hybrid arrangement must demonstrate that they have the capacity to access SCRCA servers, have a home computer and adequate internet service.

- 3.1.4 As this Policy will form a part of the terms and conditions of an employees' Employment Agreement, employees must comply with all of the SCRCA's rules, policies, practices, and instructions that would normally apply if they were working onsite at the Administration Office or respective designated office. Accordingly, work hours, compensation, and time off will continue to conform to applicable policies and agreements.
- 3.1.5 Staff who are eligible for the Scheduled Day Off (SDO) program may still accrue SDO time while working from a remote location. Requests to work overtime, vacation or other requests not specified herein, must be approved by an employee's Manager or Director in the same manner.
- 3.1.6 Below is a summary of expectations for employees that will be working remotely in a hybrid arrangement:
- 3.1.6.1 Employees working remotely will be required to attend the Administration Office for specific purposes, such as Company events, training, administrative duties, and/or meetings with internal or external stakeholders.
 - 3.1.6.2 Employees' working hours will continue in accordance with their Employment Agreement. Any exceptions must be approved by their Manager or Director.
 - 3.1.6.3 During an employee's working hours, it is expected that employees will be actively engaged in work specific to their role and the SCRCA. They should be available for phone calls and virtual meetings while also responding promptly, to the best of their ability, to work related communications and correspondences in addition to other matters that may arise throughout the course of their day
 - 3.1.6.4 Remote work should not affect an employee's ability to complete the day-to-day functions of their role. This includes, but is not limited to:
 - (a) Effectively communicating with colleagues, management, and customers;
 - (b) Completing tasks in a timely manner;
 - (c) Keeping managers informed on the progress of tasks;
 - (d) Staying updated on department/work meetings and events; and
 - (e) Reaching out for support, if needed.

3.2 Health and Safety

3.2.1 The SCRCA is committed to ensuring that employee remote virtual workspaces are safe and ergonomic. Virtual workspaces should meet the same health and safety requirements as those available at the Administration Office, where possible. For example:

- (a) Desk, chair and other accessories are of a comparable quality to that in the office. For example: the desk should be an appropriate height and sturdy enough to handle the weight of any peripheral equipment that may be placed on it (e.g., computers, printers, scanners, etc.).
- (b) Equipment such as an ergonomic chair, footrest, or technology, that will help to setup a safer work environment. Alternatively, household objects, if used properly and safely, can be used creatively to improve the ergonomics of a temporary workstation.
- (c) Ensure the workstation is adjusted and coordinated properly (i.e., keyboard at the right height (wrists are in a neutral position), with a mouse placed nearby (reachable without arm or wrist strain).
- (d) A tidy and organized workspace to reduce reaching and twisting motions while also being cleared of potential slip-trip-fall hazards.
- (e) Noise levels being controlled, either by isolating the work area or using noise-cancelling headphones or hearing protection.
- (f) Adequate ventilation and air quality in the workspace.
- (g) Temperature is comfortable and can be adjusted as needed.

In addition to the tips mentioned above, the following should also be considered:

3.3 Fire Protection

- 3.3.1 Is there a working smoke alarm?
- 3.3.2 Is there clear access to a fire extinguisher? When was it last checked?
- 3.3.3 Is there a working carbon monoxide detector in the home?
- 3.3.4 How many accessible exits are available and where are they?
- 3.3.5 Does the virtual workspace meet safety requirements of local building and fire codes?

3.4 Emergency Procedures

- 3.4.1 Has an evacuation plan been established? How often will it be reviewed?
- 3.4.2 Are the first aid supplies adequate?
- 3.4.3 Are emergency contact numbers posted near the telephone or in a visible location?

- 3.4.4 Has a periodic contact schedule been established?
- 3.4.5 Do you have an office contact and does your office contact know how to reach someone near you in the event of an emergency?

3.5 Electrical Safety

- 3.5.1 Are extension cords in good condition and positioned properly?
- 3.5.2 Are cords and cables causing a tripping hazard?
- 3.5.3 Are outlets grounded and not overloaded?
- 3.5.4 Is there surge protection for electrical equipment?
- 3.5.5 Is there sufficient ventilation for electrical equipment?

3.6 Use of SCRCA Property

- 3.6.1 “SCRCA Property” is defined as anything owned by the SCRCA, including but not limited to, SCRCA confidential or proprietary information as defined in the employment agreement, documentation, software, networks, drives, equipment, devices, tools, supplies, keys, passwords, access codes, and intellectual property.
- 3.6.2 Employees must access SCRCA provided servers and equipment when working remotely to ensure that they are using the appropriate software and programs while maintaining data security and confidentiality. Company-provided resources (smart phones or computers if provided) may only be used for business purposes. Employees are required to cooperate with the SCRCA’s IT requirements in order to ensure that data and device security at one’s virtual workspace is consistent with SCRCA rules and policies.
- 3.6.3 All SCRCA documents must be saved on the SCRCA system so that information is available to those who may require its use. At no time shall SCRCA data or intellectual property be stored on personal devices.
- 3.6.4 Employees must take reasonable steps to secure and protect any SCRCA property from, among other things, theft, damage, misuse, or third-party access, in accordance with SCRCA rules and policies. SCRCA Property should not be used or accessed in any way by family, visitors or other non-SCRCA employees.
- 3.6.5 If a SCRCA laptop is provided in certain circumstances, Employees are required to not leave SCRCA laptops unattended in an unsecured location. Depending on the circumstances, employees may be responsible for any damage to, or loss of, SCRCA Property and the costs related to repair or replacement.

3.7 Conclusion of flexible work arrangement

- 3.7.1 The SCRCA will review hybrid work arrangements on an annual basis. As outlined above, the SCRCA has the discretion to modify and/or revoke employee hybrid work arrangements. An employee may request to modify or revoke their flexible work arrangement at any time with the understanding that the SCRCA has the ultimate discretion in terms of approving or denying employee requests.
- 3.7.2 In the event of an employee's termination from employment, irrespective of reason, the employee is required to promptly return all SCRCA Property to the SCRCA.

3.8 Policy Violation & Disciplinary Action

- 3.8.1 Violations of this Policy may result in disciplinary action up to and including termination for cause. Where there is found to be a violation of the Policy, the consequences to the employee will be dependent upon the nature of the violation and the employee's circumstances, which may include discipline up to and including termination without notice. An employee may be terminated for a single serious incident or if the employee fails to correct their conduct despite repeated efforts at correction.

VDP ENGINEERING

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vdpengineering@rogers.com

October 12, 2022
File: 22 - 02152

St. Clair Region Conservation Authority (S.C.R.C.A.)
205 Mill Pond Crescent
Strathroy, ON N7G 3P9

Attention: Mr. Greg Wilcox, Manager of Conservation Areas

Dear Sir,

Regarding: A.W. Campbell House at 8477 Shiloh Line, Alviston - Condition Evaluation (Structural)

Background and Scope

In July 2022 VDP Engineering was retained to provide a visual structural assessment of the house located at the captioned address. The house and the surrounding property were designated as Heritage Property (under the Ontario Heritage Act) by the Corporation of the Township of Brooke in May of 1991 (By-Law Number 17). The purpose of the assessment is to determine whether there are any immediate as well as, medium-to-long term concerns regarding the safety, serviceability, stability and durability of the house structural system.

From the provided material information, we understood that the house was built in, or about, 1867 (Canada's year of Confederation) by Neil W. Campbell, the father of A.W. (Archie) Campbell. A.W. Campbell was born in this house in 1888. Upon his death in 1965, the right to purchase the 308 acres farm property, incl. the house and surrounding barn and barn buildings was willed to the Sydenham Valley Conservation Authority (now S.C.R.C.A.). The Conservation Authority took over the property in 1966 and converted the house, complete with the period furnishing of the Campbell's and local citizens, into museum. We understood that It operated as a museum until about 20 years ago when, due to the lack of maintenance and worsening of the condition of the house it was closed for public viewing. It has stayed closed ever since with very little maintenance and repairs completed in this period.

We understood that since 1980's the Conservation Authority made numerous repairs and improvements to the house:

- New concrete block and clay brick foundation walls (1980's),
- New cedar shingles, new board and batten exterior siding and new interior flooring (1990's), and
- Replacement of missing cedar shingles (2022).

We also understood that Building Inspector and Property Standards Officer with the Lambton County visited the house in, either 2021 or early 2022 and upon visual inspection noted numerous deficiencies associated with the safety, serviceability, stability and durability of the house. As result, the County issued a list of deficiencies that the Conservation Authority need to address in order the house either, remain available for *exterior observation only* or be *used as a museum again*. In either case, the County requested assessment of the condition of the house structural system to be conducted by a professional engineer licensed to practice in Province of Ontario.

Typical situations when structural assessment becomes necessary include change of use of the building, damage and/or deterioration, and when the safety of the structure is a concern because of known or potential defects.

Material Information Review

For the purpose of this assessment S.C.R.C.A. provided us with the following information:

- Measured Floor Plans (both floors) and exterior photographs of the farmhouse prepared by Thor Dingman B. Architectural Sc. Inc., member of CAHP (Canadian Association of Heritage Professionals),
- A.W. Campbell's Last Will & Testament dated June 28th, 1963,
- Purchase of the Property Agreement between the Campbell's Estate and Sydenham Valley Conservation Authority, dated April 25th, 1967,
- By-Law No. 17 of May 23rd, 1991 issued by the Corporation of Township of Brooke, and
- Letter from V.N. Styrmo, Museum Adviser to John F. King with Department of Public Records & Archives dated September 19th, 1967 or 1968.
- Two photos taken during the replacement of the foundation walls in 1980's.

Due to the age and construction practices at the time, probably there are no any original construction drawings of the house. These drawings would reflect the engineering knowledge, building code requirements (if any) and material and construction advances at the time and place of the construction of the house.

Noted *By-Law* designates the house and surrounding property as a heritage site of architectural or historic value or interest. Once the property has been designated under the *Heritage Act*, a property owner must apply to the local municipality for permit to undertake alterations to any of the identified heritage elements of the property or to demolish any buildings or structures on the property. The *Heritage Act* also contains provisions which enable the municipalities to enact *by-laws* requiring the owners of these

designated buildings to maintain the structures and their heritage elements. Such *by-laws* are intended to prevent so called '*demolition by neglect*'. These demolitions by neglect situations arise in cases when the owner allows the building or structure to deteriorate to the point that *demolition becomes necessary or restoration becomes unreasonable*.

The September 19th, 1967/8 letter by the Museum Advisor indicates that the house interior and exterior were found to greatly suffer from lack of maintenance. Namely, interior plaster was found loosen as result of water leakage through the roof and the exterior siding was found extensively weather-beaten and in need of immediate painting. The letter concludes that even though the house 'is not beyond redemption, it will take a great deal of repair, paint and plaster to catch up on all the years of deterioration which may bring the cost of restoring to be almost prohibitive without some voluntary assistance, either financial or physical'.

The Advisor also found that the barn and attached buildings located near the house were in poor shape with foundation crumbling and beams rotting. These buildings were likely later demolished since they do not appear on the site any longer. They can be partially seen on older photographs of the house.

Site Observations

For that purpose of this assessment we conducted a site review of the farmhouse on September 22nd. The review was visual, non-destructive in nature and was performed from outside and inside the house. The documentation of the observations is supported by digital photographs and field notes.

The house is comprised of 21 ft. 6 in. long by 30 ft. wide two-story main building and 19 ft. 3 in. long by 16 ft. wide one-story outer kitchen or annex. The kitchen is attached to the south-west wall of the main building. The main building houses the dining room, parlor and one bedroom on the ground floor and three bedrooms and a centrally located hallway on the second floor. Single flight of stair, located along the south-west wall of the dining room, connects the floors. The one-story annex (outer kitchen) is connected to the main building with a single man door. The house main entrance door is located on the north-east wall, off the dining room. The outer kitchen has two other entrance doors, one on the south-west wall and another on the south-east wall.

Each room has at least one window. They appear to be original windows. The glass on majority of these windows was found broken.

The house is sided with board and batten type wood siding. Our understanding is that this siding was installed in 1990's and that it replaced the original construction siding. Most of the outside walls of the house were observed not to be completely plum. They have visible sideways, inward and/or outward type of deflection. The deflections seem to run from the bottom to the top of the walls and are permanent in nature. This type of deflection is usually indication of loss of lateral support of the wall due to construction deficiency and wind exposure. The south-east wall of the main building has the most prominent visible deflection from all of the walls. The siding is extremely weather-beaten and is rotting along the bottom. The bottom of the siding is almost touching the surrounding ground.

The roof is pitched type on both, the main building and the outer kitchen but, the pitches run in different directions. The roofs do not have any type of eave throughs and downspouts so, the rain and snow melt water freely flow from them to the surrounding soil. The roof attic space is not naturally ventilated. The roofing is made of cedar shakes nailed to plank type wood sheathing. The roof structure underneath consisting of wood ceiling joists and roof rafters. There are no collar ties on the roof rafters. The roof insulation consists of batt type insulation, which was likely added during one of the renovations of the house. Beside the cedar shakes & insulation, the roof structure appears to date from the original construction of the house. By the stains observed on the ceiling plaster, the roof on the main building has been leaking significantly on numerous locations. The biggest leak is located near the fireplace chimney resulting in disintegration of the plaster and a big hole on this area of the ceiling.

There is one brick fireplace located on the north-west wall of the dining room and two brick chimneys, one along the south-east wall (serving the ground and second floor bedrooms and the ground floor parlor) and another along the south-west wall of the kitchen. The bricks of the chimneys of the fireplace and the kitchen were generally visually found in fair condition (with signs of past repairs and spot brick replacements) while, the bricks of the chimney at the south-east wall were found in bed shape and in need of repair.

The rubble stone strip foundation walls from the original construction of the house were mostly replaced in 1980's by about five feet deep concrete block and clay brick strip walls. From the provided photos it is not clear whether the new foundation walls are supported by strip footings or not and how the building wood structure was connected to the new foundation wall. The original rubble stone strip foundation wall is still visible along the north-west wall of the outer kitchen, near the junction with the main building. The kitchen wood structure does not sit on the foundation wall at that location i.e. there is visible gap between them. With exception of the north-west foundation walls of the main house the rest of the foundation walls are mainly flush with the surrounding soil, with the bottom of the board and batten wood siding almost touching the ground.

The soil grading around the house is mainly flat with shallow natural slope in south-west to north-east direction. With fairly shallow slope, to direct the ground water away from the house, it mainly sits around the house until it naturally percolates into the surrounding soil. On some locations the surface water is even directed towards the house. Lack of eave throughs and downspouts as well as splash pads to direct the roof water away from the house makes the situation even worse.

Visual review inside the house was mainly focused on the condition of the roof, ceilings, floors, stair and the walls. Condition of the fireplace chimney inside the house was also observed through the hole in the second-floor ceiling. The house was also reviewed for visual signs of mold.

The roof structure (decking, rafters, ceiling joists and plaster) was generally visually found in fair to bad condition. The prolonged and sustained exposure to water leakage combined with the shear age of the wood and deficiencies associated with the original construction significantly affects the condition of the roof structure. The second-floor ceiling was generally found loosen and susceptible to further disintegration and formation of holes. The plank type wood sheathing is in need of complete replacement.

The floors and stair structures were generally visually found in fair condition with no signs of significant loss of structural integrity, stability or excessive deflection or permanent deformation. The ground floor ceiling was generally found in fair condition for the age.

Even though it cannot be confirmed, it seems that the walls are likely of balloon-type framing/construction. Balloon type framing involves the erection of the full height walls (two floors in this case) around the building interior prior of the construction of the floors. The floor joists are then supported on ribbons let into the walls of the building. Three out of four walls of the main building have lost their stability i.e., their initial geometrical configuration due to so called *lean over or raking failure* as result of the horizontal and uplifting wind forces. The main reason for this type of failure is the roof-to-wall and roof sheathing-to-rafter connections within the first 3 ft. of the roof edges. The loss of stability is not only affecting the serviceability of the walls like, door frames separated from the wall framing but, also is affecting their strength i.e., ability to resist the loads to which they are exposed. This can cause serious structural damage, even destruction of part of the building in right circumstances.

There are no signs of any sliding of the structure off its foundations which, indicates adequate anchorage of the wood floors and walls to the foundation walls underneath. There are signs of presence of black mold along the edges on some of the bedrooms of the second floor. Mold are microscopic fungi that develop and grow in presence of food (wood, cellulose) and presents of prolonged and sustained moisture in secluded parts of the buildings like, attics, walls and floor cavities. The mold causes material durability issues associated with development of rot and therefore, premature degradation and eventual destruction of the wood structural elements like, wall studs and floor/ceiling joists. Handful of these molds are also detrimental to the human health.

The house does not contain any electrical or plumbing/sewage systems and facilities. Our understanding is that there is an electrical panel with switch located inside the house (under the stair) but, it only serves the picnic area located across the house, but not the house. We do not know whether there is permit to install this panel inside the house.

Conclusion and Recommendations

Structures and their constituent elements generally deteriorate and exhaust their useful life over period of time known as normal life expectancy. Construction practices and materials used as well as, the engineering knowledge and building codes and standards prevalent at the time and place of the construction greatly influence the life expectancy. Regular and preventive maintenance combined with timely repairs and spot replacements help the structure to achieve, and even prolong, the life expectancy. If left unattended, or sporadically and inadequately maintained and repaired, the structures and their elements would gradually deteriorate to the point when their strength, integrity and stability and therefore, their ability to perform their intended use is progressively compromised. When that time is reached, they either need to be substantially repaired/restored, provided it is physically possible and financially viable, or to be demolished and re-build in order to continue to fulfil their intended purpose.

Despite the lack of compliance with the modern codes, if properly interconnected and timely repaired, the structural systems of many older buildings have generally performed satisfactorily over the years without distress or failure. In these cases, when careful site review revealed that there was no evidence of any significant damage, distress and deterioration and there have been no changes in the loading and intended use of the structure in the last, at least 30 years, the structural assessment is usually based on premise of *satisfactory past performance*.

Based on the observations during our site review, we concluded that the structural system of the A.W. Campbell house at the present time does not have the required *strength, stability and durability* to continue to fulfil its intended use and be able to adequately resist all the loads to which is exposed unless the observed deficiencies and defects are eliminated in the near future. The ability of the system to absorb any local failures without potential widespread collapse of the system has also been significantly reduced.

Leaving the house in the current condition is not an option. It will inevitably lead to further gradual deterioration and eventual collapse of the structure. The collapse, partial or overall, will likely happen abruptly and without a warning once the remaining residual strength, or the integrity, or the stability of the system are exhausted.

The fact that this house survived for over 150 years, more than twice as long as the life expectancy of any contemporary house of this period, with only sporadic maintenance and repairs/replacements over the years, speaks about the resiliency of these older houses and their structural systems.

In order to eliminate the observed deficiencies and defects and extend the life expectancy, significant parts of the structural system like, *foundation walls* and *roof structure* need to be completely replaced while, other parts like, *walls* and *floors* need to be repaired and strengthen. The existing *exterior* and *interior* finishes have to be completely removed before the existing walls' and floors' structural elements can be exposed, examined in detail and based on that determine whether they can be repaired and strengthen or need to be replaced as well. If they can be saved, mold remediation will likely be needed as well.

In conjunction with foundation walls, the grading in immediate vicinity of the house has to be lowered and slope adequately so, the rain and snowmelt water can run away from the house. Introduction of eave throughs and downspouts, even though optional, would also greatly improve the situation with surface water around the house.

The complete and substantially restoration of the house structural system may eventually prove to be difficult, even maybe impossible, and if it is possible, it may prove to be financially not viable.

More realistic and likely financially more viable long-term option/solution for the Conservation Authority would probably be to demolish the ex. house and re-build replica structure on the same location. The choice of materials, texture and color of the new exterior and interior finishes and roofing can closely resemble the original finishes which, combined with the original furnishing and artifacts inside the house will make the house a great museum again. That way the original condition of the A.W. (Archie) Campbell will, as described in the noted By-Law, that the house stays available to general public, will be preserved.

It should be noted that cost estimate and life-cost analysis of any of the two options were not part of this assignment and need to be further explored by the Authority.

The situation with demolition and re-building of the house/museum is further complicated by the fact that the house is designated as a Heritage Property. Since the Heritage Act is

complex piece of legislation we recommend that the Authority retain a lawyer who will advise and guide the Authority through this process. We trust that this report meets your current needs. However, if you have any questions or concerns, please, feel free to contact the undersigned.

Sincerely,

VDP Engineering

Dejan Popovic P.Eng.
Senior Structural Engineer

Meeting Date: November 10, 2022 **Item 6.6**
Report Date: September 14, 2022
Submitted by: Ashley Fletcher, Board Coordinator

Subject: 2023 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), unless stated otherwise.

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 23 (4th Thursday) - Annual General Meeting (Point Edward, ON)
- April 20 (3rd Thursday)
- June 22 (4th Thursday)
- September 14 (3rd Thursday)
- November 9 (2nd Thursday)
- December 7 (2nd Thursday)

Committee Meetings:

Executive Committee

- At the call of the chair.
- February 9 (2nd Thursday) – Audit Review & Recommendation

Flood Action Committee – Wallaceburg Municipal Centre

- January 12 (2nd Thursday) and at the call of the Chair

Low Water Response

- May 18 (3rd Thursday) and at the call of the Chair

Nominating Committee

- At the call of the chair.
- Potentially prior to the February 9 Executive Committee Meeting

Sunset Committees (dates TBD):

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

Meeting Date: November 10, 2022 **Item 6.7**
Report Date: October 18, 2022
Submitted by: Chunning Li, Director of Corporate Services

Subject: 2023 Draft Budget

Recommendation:

That the Board of Directors acknowledges the 2023 preliminary draft budget of \$9,046,878 with a proposed municipal general levy of \$1,549,011, and further that the Board of Directors direct staff to circulate the budget to member municipalities for information and input based on our budget review process.

Background:

The SCRCA management team have completed a draft of the 2023 Budget, and plan to circulate 2023 Draft Budget Booklet to member municipalities for review. The booklet includes supporting schedules and appendix:

- **Schedule A** - Total Municipal Funding including Special Infrastructure Project. 2023 Total Municipal Funding (draft) is \$3,286,200. This includes General Levy of \$1,549,010, Special Levy of \$187,190, and Water Erosion Control Infrastructure (WECI) & Disaster Mitigation Adaptation Fund (DMAF) project funding of \$1,550,000.
- **Schedule B** – Draft General Levy Assessment for member municipalities. It is anticipated that the General Levy for 2023 will be \$1,549,011, an increase of \$170,497 or 12.4% increase from 2022 general levy.
- **Schedule C** – Proposed General Levy per \$100K Assessment Value. The average 2023 Proposed General Levy per \$100K Assessment Value is \$4.89, an increase of \$0.49 from 2022.
- **Schedule D** – Conservation Area Maintenance and Operation Budget (Draft). Total Conservation Area Budget (draft) is \$1,587,190, \$1,471,290 out of which is from self-generating revenue.
- **Schedule E** - % Breakdown of costs in General Levy Departments.
- **2023 Budget (Draft) Summary** – This explains funding sources for different operations and programs in the 2023 draft budget, and the percentage of each funding source in the total budget.
- **Appendix** – Detailed Department Draft Budgets for Departments that are covered by General Levy and would be considered “Core/Mandatory” activities, or would directly support the “Core/Mandatory” activities.

The key budget pressures in this Draft 2023 Budget are:

- Insurance cost increase - \$29,000. Liability and Risk Insurance cost increased by 34% in 2022. It is anticipated it will continue to increase in 2023.
- Wage movements including step and Cost of Living Adjustment (COLA) - \$74,346.
- Potential increase in Ontario Municipal Employee Retirement System (OMERS) costs - \$18,019. Effective January 1, 2023, non full-time employees may elect to join OMERS plan.
- Conservation Ontario Levy increase - \$9,634
- 1.5 FTE staff for Planning and Regulations - \$137,851, as per recommendation from Tim Dobbie Consultants Ltd. Report
- Consulting fee for new phone system and server upgrade - \$10,000. The SCRCA has been informed by our carrier that our existing phone system will not be supported beyond 2023.

Revenues that help to reduce the costs to municipalities are: Project administration fees, Internal charges to revenue producing activities, Grant funding, and Program Fees increase, including Planning & Regulation Fees increase. These result in a 12.4% increase in General Levy or \$170,497, and the primary drivers are:

- 10% increase directed to 1.5 FTE staff for Planning and Regulations (\$137, 851)
- 1.6% increase directed to general liability insurance premiums increase (\$22,000)
- 0.7% increase directed to consulting fee for new phone system and server upgrade for Administrative Office (\$10,000)

Moving forward with the 2024 Budget, changes will occur based on revisions to the Conservation Authorities Act:

- The 2024 budget will move to create a minimum levy to directly support and share direct Board costs across municipalities based on representation. Several CAs are already doing this and more will be moving to this model. These direct Board costs will include total honorarium costs, travel costs, meeting expenses, and service awards.
- Further delineation of the SCRCA budget to reflect CA Act changes between mandatory (Category 1 programs) and non-mandatory (Category 2 and 3 programs) as these become clearer.
- In addition, with planned implementation of the AMP in 2023, we should be able to provide an analysis of the current state of assets and planned capital budgeting starting in 2024.

**2023 Total Municipal Funding
Schedule "A" - Total Municipal Funding Including Special Infrastructure Projects**

Municipality	2023	2023	2023				2022	
	Proposed General Levy	Proposed Special Levy	Courtright Shoreline Protection (DMAF)	Sarnia Erosion Control Work (WECI & DMAF)	McKeough Dam Repairs & Upgrade Work (WECI)	Flood Plain Mapping Project (NDMP)	Total Municipal Funding	Total Municipal Funding
Adelaide Metcalfe Tp	\$ 30,012	\$ -					\$30,012	\$26,214
Brooke-Alvinston Tp	\$ 27,443	\$ -					\$27,443	\$24,223
Chatham-Kent M	\$ 201,703	\$ 92,530					\$294,233	\$270,318
Dawn-Euphemia Tp	\$ 39,287	\$ 950					\$40,237	\$45,308
Enniskillen Tp	\$ 29,958	\$ -					\$29,958	\$26,936
Lambton Shores M	\$ 77,799	\$ 1,250					\$79,049	\$70,388
Middlesex Centre M	\$ 35,687	\$ 25,425					\$61,112	\$54,874
Newbury V	\$ 2,447	\$ -					\$2,447	\$2,120
Oil Springs V	\$ 3,098	\$ -					\$3,098	\$2,728
Petrolia T	\$ 40,578	\$ 1,300					\$41,878	\$36,829
Plympton-Wyoming T	\$ 86,453	\$ 9,300					\$95,753	\$82,526
Point Edward V	\$ 33,131	\$ -					\$33,131	\$32,746
Sarnia C	\$ 576,179	\$ 16,515		\$1,500,000			\$2,092,694	\$1,917,975
Southwest Middlesex M	\$ 18,402	\$ -					\$18,402	\$16,134
St. Clair Tp	\$ 172,847	\$ 3,820	\$50,000				\$226,667	\$758,982
Strathroy - Caradoc Tp	\$ 138,919	\$ 36,100					\$175,019	\$160,750
Warwick Tp	\$ 35,066	\$ -					\$35,066	\$31,323
	\$ 1,549,010	\$ 187,190	\$50,000	\$1,500,000	\$0	\$0	\$3,286,200	\$3,560,373

**Note : WECI (Water & Erosion Control Infrastructure) Projects are considered if there is matching funds from both the Province and the benefitting Municipality and vary from year to year based on granting approval process, and Municipal matching funds.
DMAF - Disaster Mitigation and Adaption Fund - Government of Canada investment in large-scale infrastructure projects.
NDMP - National Disaster Mitigation Program - Government of Canada funding to mitigate, prepare for, respond to and recover from flood-related events**

Schedule B

2023 General Levy Assessment (Draft)

Municipality	2022 Current Value Assessment (modified) in Watershed	2022 CVA Apportionment %	2023 Current Value Assessment (modified) in Watershed	2023 Weighted CVA Apportionment %	2022 General Levy	2023 General Levy	2022/2023 General Levy Increase
Township of Adelaide Metcalfe	\$ 477,330,858	1.9016%	\$ 492,017,523	1.9375%	\$ 26,214	\$ 30,012	\$ 3,798
Township Brooke-Alvinston	\$ 441,081,625	1.7572%	\$ 449,891,343	1.7716%	\$ 24,223	\$ 27,443	\$ 3,219
Municipality Chatham-Kent	\$ 3,258,819,210	12.9823%	\$ 3,306,699,613	13.0214%	\$ 178,963	\$ 201,703	\$ 22,740
Township Dawn-Euphemia	\$ 671,804,420	2.6763%	\$ 644,072,784	2.5363%	\$ 36,893	\$ 39,287	\$ 2,394
Township Enniskillen	\$ 490,495,560	1.9540%	\$ 491,135,239	1.9340%	\$ 26,936	\$ 29,958	\$ 3,022
Municipality Lambton Shores	\$ 1,258,956,584	5.0154%	\$ 1,275,433,686	5.0225%	\$ 69,138	\$ 77,799	\$ 8,661
Municipality Middlesex Centre	\$ 565,758,748	2.2538%	\$ 585,045,187	2.3038%	\$ 31,069	\$ 35,687	\$ 4,618
Village Newbury	\$ 38,604,675	0.1538%	\$ 40,117,075	0.1580%	\$ 2,120	\$ 2,447	\$ 327
Village Oil Springs	\$ 49,672,710	0.1979%	\$ 50,787,500	0.2000%	\$ 2,728	\$ 3,098	\$ 370
Town Petrolia	\$ 648,792,348	2.5846%	\$ 665,232,553	2.6196%	\$ 35,629	\$ 40,578	\$ 4,949
Town Plympton-Wyoming	\$ 1,382,558,921	5.5078%	\$ 1,417,306,871	5.5812%	\$ 75,926	\$ 86,453	\$ 10,528
Village Point Edward	\$ 541,647,010	2.1578%	\$ 543,142,400	2.1388%	\$ 29,746	\$ 33,131	\$ 3,385
City Sarnia	\$ 9,377,157,036	37.3562%	\$ 9,445,820,540	37.1966%	\$ 514,960	\$ 576,179	\$ 61,219
Municipality Southwest Middlesex	\$ 293,787,146	1.1704%	\$ 301,684,116	1.1880%	\$ 16,134	\$ 18,402	\$ 2,268
Township St. Clair	\$ 2,825,421,435	11.2558%	\$ 2,833,654,142	11.1586%	\$ 155,163	\$ 172,848	\$ 17,685
Township Strathroy - Caradoc	\$ 2,209,726,909	8.8030%	\$ 2,277,432,214	8.9683%	\$ 121,350	\$ 138,919	\$ 17,569
Township Warwick	\$ 570,371,457	2.2722%	\$ 574,867,873	2.2638%	\$ 31,323	\$ 35,066	\$ 3,743
	\$ 25,101,986,652	100%	\$ 25,394,340,660	100%	\$ 1,378,513	\$ 1,549,011	\$ 170,497

\$13,800 equals aprox. 1% change in levy
 CVA Apportionment is based on information provide from the Ministry of Natural
 Resources and Forestry (2022 CVA)

2023 Municipal Funding Analysis
Schedule "C" Levy per \$100K Assessment Value

	2023	Based on Total 2022 Modified CVA Assesment	
		2023 Proposed General Levy per \$100k Assessment value	2023 Proposed General Levy Increase per \$100k Assessment value
Municipality	Total Current Value Assessment (modified)		
Township of Adelaide Metcalfe	702,882,175	\$ 4.27	\$ 0.43
Township Brooke-Alvinston	449,891,343	\$ 6.10	\$ 0.61
Municipality Chatham-Kent	11,809,641,476	\$ 1.71	\$ 0.17
Township Dawn-Euphemia	644,072,784	\$ 6.10	\$ 0.61
Township Enniskillen	491,135,239	\$ 6.10	\$ 0.61
Municipality Lambton Shores	2,834,297,081	\$ 2.74	\$ 0.27
Municipality Middlesex Centre	3,656,532,420	\$ 0.98	\$ 0.10
Village Newbury	40,117,075	\$ 6.10	\$ 0.61
Village Oil Springs	50,787,500	\$ 6.10	\$ 0.61
Town Petrolia	665,232,553	\$ 6.10	\$ 0.61
Town Plympton-Wyoming	1,417,306,871	\$ 6.10	\$ 0.61
Village Point Edward	543,142,400	\$ 6.10	\$ 0.61
City Sarnia	9,445,820,540	\$ 6.10	\$ 0.61
Municipality Southwest Middlesex	754,210,290	\$ 2.44	\$ 0.24
Township St. Clair	2,833,654,142	\$ 6.10	\$ 0.61
Township Strathroy - Caradoc	3,207,651,006	\$ 4.33	\$ 0.43
Township Warwick	618,137,498	\$ 5.67	\$ 0.57
	40,164,512,394	\$ 4.89	\$ 0.49
		Average	

Schedule "D"

2023 Conservation Area Maintenance and Operation Budget

	2022 Budget	2023 Budget	Special Levy	Non-Matching General Levy	Revenues	Foundation donation	Other
403- Shetland	\$ 9,525	\$ 950	\$950 (Dawn-Euphemia)				
404 - Sinclair	\$ 1,000	\$ 1,000				\$ 1,000	
405 - Wawanosh	\$ 16,350	\$ 18,350	\$16,515 (City of Sarnia)	\$ 1,835			
413 - Clark Wright	\$ 17,100	\$ 7,600	\$7,100 (Strathroy-Caradoc)			\$ 500	
416 - Bridgeview	\$ 1,200	\$ 1,300	\$1,300 (Town of Petrolia)				
417 - Campbell	\$ 354,623	\$ 372,650			\$ 372,650		
419 - Coldstream	\$ 26,450	\$ 28,250	\$25,425 (Middlesex Centre)	\$ 2,825			
448 - Crothers	\$ 4,175	\$ 4,300	\$4,300 (Chatham-Kent)				
455 - Peers	\$ 11,050	\$ 12,000	\$8,500 (Chatham-Kent)		\$ 3,500		
458 - Warwick	\$ 584,316	\$ 638,250			\$ 638,250		
470 - Stranak	\$ 6,000	\$ 6,100	\$6,100 (Chatham-Kent)				
472 - Henderson	\$ 359,500	\$ 393,500			\$ 393,500		
474 - Strathroy	\$ 27,800	\$ 29,000	\$29,000 (Strathroy-Caradoc)				
485 - McEwen	\$ 6,600	\$ 6,700	\$6,700 (Plympton-Wyoming)	\$ -			
486 - Mclean	\$ 38,330	\$ 34,990			\$ 34,990		
489 - Highland Glen	\$ 48,700	\$ 2,600	\$2,600 (Plympton-Wyoming)				
493 - Dodge	\$ 1,250	\$ 1,250	\$1,250 (Lambton-Shores)				
495 - Greenhill garden		\$ 28,400			\$ 28,400		
Total	\$ 1,513,969	\$ 1,587,190	\$ 109,740	\$ 4,660	\$ 1,471,290	\$ 1,500	\$ -

Notes:

Regional Conservation Areas (A.W. Campbell, L.C. Henderson, Warwick)

Local Conservation Areas (Shetland, Wawanosh, Coldstream, McEwen, Clark Wright, Highland Glen)

In Town Conservation Areas (Strathroy, Dodge, Stranak, Crothers, Bridgeview)

Detailed budgets for specific conservation areas available upon request.

The areas are supported by employment programs, fundraising, friends of groups, St. Clair

Region Foundation and grants programs from corporate and non-profit organizations.

Capital Investment - \$56,000

Summary of Authority / Foundation Land Holdings

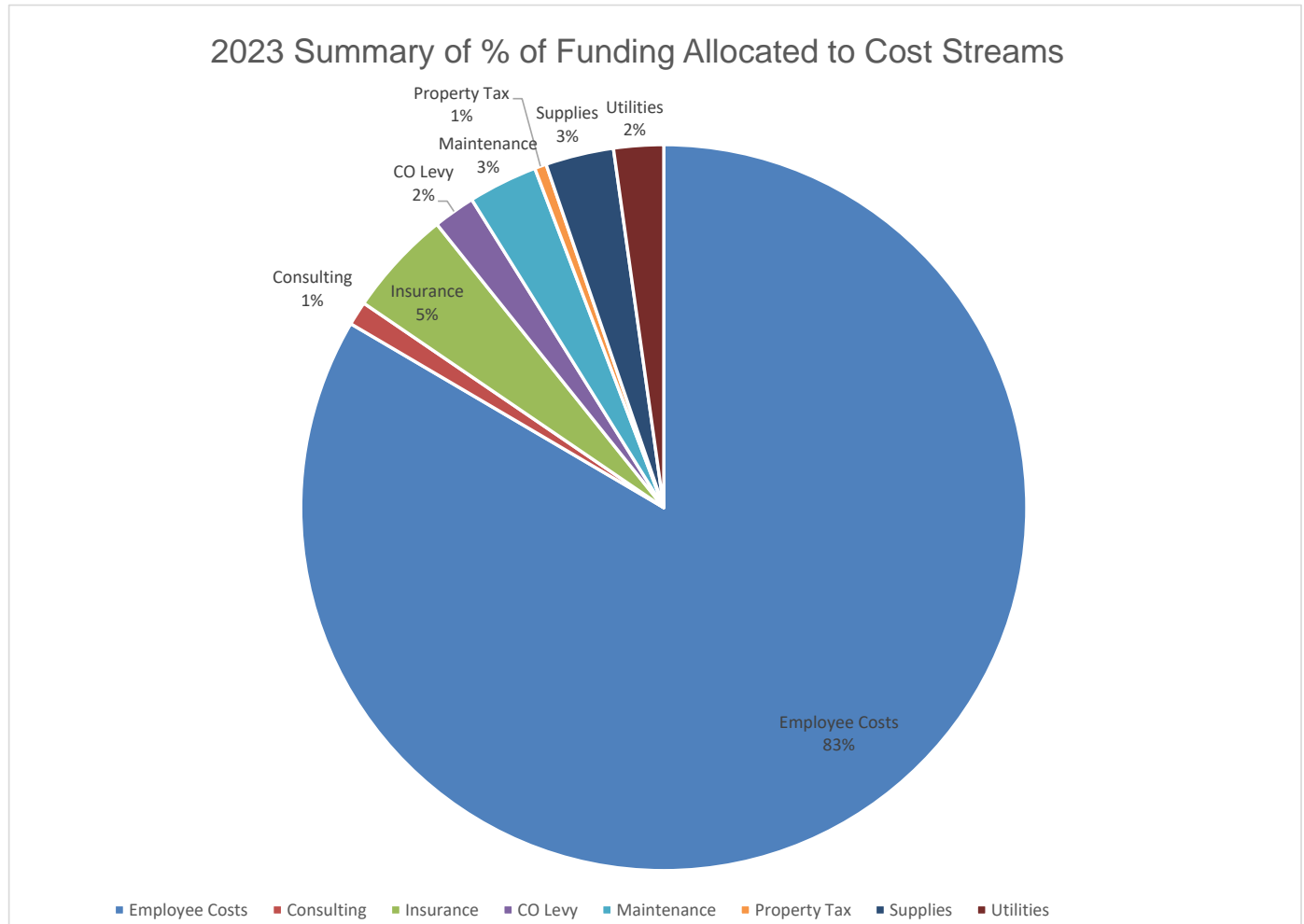
	Hectares
Conservation Lands	556
Conservation Forests	81
McKeough Upstream Lands	746
McKeough Dam & Channel	236
Foundations Lands	384.6
Total	2003.6

Flood Easements 647

To ensure the wisest use of these lands, the Authority works with the public and private sectors by entering into various lease agreements including agricultural, residential and other resource management leases. 985.6 hectares are under lease.

Schedule E

	2023	
Employee Costs	1,873,642	83%
Consulting	24,000	1%
Insurance	106,230	5%
CO Levy	42,134	2%
Maintenance	69,337	3%
Property Tax	11,800	1%
Supplies	68,193	3%
Utilities	49,768	2%
Total GL Budget	2,245,104	



St. Clair Region Conservation Authority 2023 Budget Summary DRAFT

	2022 Budget	2023 Proposed Budget	Provincial Grant	Other Grant/Program Funds	Matching Levy	Non Matching Levy
Flood Control Operations and Maintenance	\$436,650	\$432,650	\$108,000	\$17,000	\$108,000	\$109,000
Erosion Control Operations & Maintenance	\$8,000		\$0	\$0	\$0	\$0
WECI - Capital Projects	\$3,641,600	\$2,777,000	\$0	\$1,130,000	\$0	\$0
Source Protection Planning	\$226,580	\$237,246	\$0	\$237,246	\$0	\$0
Planning, Regulations and GIS	\$833,009	\$971,127	\$19,000	\$0	\$19,000	\$613,427
TS - Aquatic systems monitoring	\$300,929	\$326,657	\$0	\$202,209	\$0	\$34,000
St. Clair AOC Management	\$164,884	\$167,310	\$0	\$167,310	\$0	\$0
Conservation Services	\$427,009	\$304,478	\$0	\$71,000	\$0	\$0
MNR Species at Risk	\$399,000	\$516,526	\$0	\$303,771	\$0	\$0
Conservation Areas	\$1,513,969	\$1,587,190	\$0		\$0	\$4,660
Conservation Area Capital Development	\$100,000	\$123,000	\$0	\$0	\$0	\$0
Property Management	\$312,487	\$312,252	\$0	\$0	\$0	\$0
Education	\$172,530	\$204,230	\$0		\$0	
Communication	\$90,000	\$90,000				\$90,000
IT Capital	\$14,330	\$20,954	\$0	\$0	\$0	\$0
Equipment	\$72,000	\$72,000	\$0	\$0	\$0	\$0
Legal	\$0		\$0	\$0	\$0	\$0
Administration	\$808,620	\$859,259	\$34,000	\$0	\$34,000	\$536,923
Total CA Budget	\$9,521,597	\$9,001,879	\$161,000	\$2,128,536	\$161,000	\$1,388,010
Employment Programs *	\$75,000	\$45,000	\$0	\$0	\$0	\$0
Total Budget 2023		\$9,046,879	\$161,000	\$2,128,536	\$161,000	\$1,388,010
Total Budget 2022	\$9,596,597	\$9,596,597	\$161,000	\$2,406,764	\$161,000	\$1,217,513
Percentage of Budget 2023		-5.7%	1.8%	23.5%	1.8%	15.3%

Total Municipal Funding % Excluding Spec Levy

* The Authority assists in the administration of the Employment programs, therefore these items must be approved under the Authority's budget for signing authorization. The funds are only transferred in and out with the Authority having no direct spending controls.

St. Clair Region Conservation Authority 2023 Budget Summary DRAFT

Special Levy	Revenues	Reserves
St. Clair - McK Maint \$2,720 Dam OP CK \$20,900, SC \$1,100 C-K - Arda \$1,000 C-K- McK Maint - \$51,730	Carryforwards - \$13,200	\$0
		\$0
Sarnia \$1,500,000 St. Clair \$50,000	Carryforward \$97,000	\$0
\$0	\$0	\$0
	Fees - \$319,700	\$0
\$0	Carryforward \$55,448 Fees - \$35,000	
\$0		\$0
\$0	Fees - \$106,825 Carryforward \$63,049	\$63,604
\$0	Carryforward - \$212,755	\$0
Shetland - Dawn-Euphemia \$950 Wawanosh - City of Sarnia \$16,515 Clark Wright - Strathroy-Caradoc \$7,100 Bridgeview - Town of Petrolia \$1,300 Coldstream - Middlesex Centre \$25,425 Crothers - Chatham-Kent \$4,300 Stranak - Chatham-Kent \$6,100 Peers - Chatham-Kent \$8,500 Strathroy - Strathroy-Caradoc \$29,000 McEwen - Plympton-Wyoming \$6,700 Highland Glen - Plympton-Wyoming \$2,600 Dodge - Lambton Shores \$1,250	Fees - \$1,404,400 Parking Fees - 0 Foundation - \$1,500 Foundation (Mclean) - \$34,990 Foundation (Greenhill Garden) - \$28,400 Rental Income - \$3,500	
\$0		\$123,000
\$0	Rental Income - \$203,268 County of Lambton - \$24,000 Carryforward - \$650 Revenue - \$84,334	\$0
\$0	Fees - \$56,000 Foundation - \$148,230	\$0
\$0	\$20,954	\$0
\$0	\$72,000	\$0
\$0		\$0
\$0	Rental Income - \$16,700 Interest Income - \$30,000 Foundation - \$15,000 Allocated Admin & IT Costs - \$104,386 Project admn Fees - \$10,000 Other Income - \$37,250 Oil & Gas Revenue - \$40,000	\$1,000
\$1,737,190	\$3,238,539	\$187,604
\$0	\$45,000	\$0
\$1,737,190	\$3,283,539	\$187,604
\$2,181,860	\$3,302,951	\$165,509
19.2%	36.3%	2.1%

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0100 Prov Grant - Admin	33,038.00	34,000.00	34,000.00
03001-0100 Prov Grant - Legal	0.00	0.00	0.00
03190-0100 JCP Funding	0.00	75,000.00	45,000.00
03300-0100 HSP - Program Expenses	0.00	0.00	0.00
03380-0100 Great Lakes Protection	337.70	0.00	0.00
03400-0100 Recovery - Foundation Costs	0.00	0.00	0.00
03500-0100 Matching Levy - Admin	34,000.00	34,000.00	34,000.00
03510-0100 Non-Matching Levy - Admin	349,126.00	379,426.00	451,503.00
03480-0100 Other Grant	50,000.00	0.00	0.00
03550-0100 Special Levy - Admin	0.00	0.00	0.00
03710-0100 Allocated Admin	56,499.96	64,200.00	86,386.00
03700-0100 Other Income	8,931.32	18,450.00	7,000.00
03740-0100 Project Admin			
	70,155.00	65,500.00	10,000.00
03760-0100 Rent - Admin Office	16,700.04	15,000.00	16,700.00
03770-0100 Oil & Gas Revenue - Admin Fee			
	41,017.26	40,000.00	40,000.00
03771-0100 Oil & Gas Revenue - Admin Fee	0.00	0.00	0.00
03780-0100 Bank Interest Income	22,318.74	25,000.00	30,000.00
03782-0100 Investment Interest Income	24,906.20	0.00	0.00
03783-0100 Investment Income	22,057.30	0.00	0.00
03795-0100 Gain/Loss on Disposal of Equipment	0.00	0.00	0.00
03990-0100 Carry forward Revenue	0.00	0.00	0.00
03999-0100 Transfer from Reserves	0.00	500.00	1,000.00
	<hr/>	<hr/>	<hr/>
Total Revenue	729,087.52	751,076.00	755,589.00
	<hr/>	<hr/>	<hr/>
Expenditures			
04000-0100 Salary & Benefits	420,990.43	441,600.00	436,366.00
04021-0100 Wages & Benefits - JCP	0.00	0.00	0.00
04140-0100 Service Awards	768.57	2,000.00	2,000.00
04150-0100 Service Awards - Board Members	243.65	750.00	750.00
04250-0100 Board Meeting Expense	1,280.70	5,000.00	5,000.00
04260-0100 Director's Expenses/Allowances	28,464.96	4,000.00	29,355.00
04300-0100 Employee Training	2,390.39	4,000.00	4,000.00
04310-0100 Employee Education/Training - Travel	0.00	3,000.00	2,000.00
04320-0100 Employee Professional Memberships	1,607.83	2,000.00	2,000.00
04400-0100 Employee Expenses (Travel etc)	0.00	1,200.00	1,200.00
04410-0100 Employee Expenses Mileage	0.00	6,000.00	0.00
04500-0100 Health and Safety Supplies	782.08	3,000.00	3,000.00
04500-0100- Health and Safety Supplies - Covid	122.56	0.00	
04505-0100 Health and Safety Training	0.00	1,000.00	1,000.00
04540-0100 Uniform	458.73	1,200.00	1,200.00
04600-0100 Payroll Fees	520.50	600.00	600.00
05010-0100 POS Fees - Admin	(205.29)	2,300.00	2,300.00

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
05020-0100 Building Maintenance/Cleaning	11,232.17	30,000.00	30,000.00
05020-0100- Building Maintenance/Cleaning	0.00	0.00	0.00
05030-0100 Insurance	37,329.92	40,000.00	62,000.00
05035-0100 Vehicle Insurance	582.95	1,000.00	800.00
05040-0100 Office Equipment Admin	2,258.74	5,000.00	3,000.00
05050-0100 Office Supplies	4,407.12	0.00	5,000.00
05055-0100 IT Supplies	1,602.05	0.00	2,000.00
05055-0100- IT Supplies - Covid 19	0.00	0.00	0.00
05060-0100 Postage	2,537.20	2,000.00	2,560.00
05070-0100 Printing Expense	841.42	2,560.00	2,000.00
05080-0100 General Maintenance Expense	0.00	3,000.00	2,000.00
05100-0100 Meeting Expense	159.98	2,000.00	2,000.00
05110-0100 Memberships and Subscriptions	860.89	5,000.00	3,500.00
05120-0100 Telephone	3,505.00	6,500.00	6,500.00
05130-0100 Internet	3,527.57	3,380.00	4,000.00
05200-0100 Consulting Fees	9,140.95	0.00	0.00
05210-0100 Audit Fees	8,975.36	14,000.00	14,000.00
05230-0100 Conservation Ontario Levy	29,924.00	32,500.00	42,134.00
05250-0100 Advertising Expense	764.23	0.00	0.00
05260-0100 Legal Expenses	554.09	0.00	0.00
05420-0100 Grass Cutting Expense	845.64	700.00	700.00
05470-0100 Utilities	7,458.30	10,000.00	10,000.00
05475-0100 Gas & Oil Expense	1,212.94	1,000.00	1,000.00
05650-0100 Project Expense	0.00	0.00	0.00
05690-0100 Project Administration	0.00	10,000.00	0.00
05830-0100 Vehicle Cost	5,464.61	4,000.00	4,000.00
05840-0100 Software Expense - Admin	73,074.45	28,837.00	27,480.00
05840-0100- Software Expense - Admin	0.00	0.00	0.00
05900-0100 Miscellaneous	7,648.13	10,000.00	10,000.00
05900-0100- Miscellaneous	0.00	0.00	0.00
05900-0100- Miscellaneous	0.00	0.00	0.00
05901-0100 Provincial Oil & Gas Reserve Expense	0.00	0.00	0.00
06050-0100 Other Capital Purchases	0.00	0.00	0.00
07720-0100 Salary Allocation Expense	0.00	57,305.00	25,500.00
07730-0100 Vehicle Allocation Expense	2,850.00	900.00	900.00
07750-0100 Expense Recovery	81.35	0.00	0.00
07755-0100 IT Allocation Expense	3,744.00	3,744.00	3,744.00
03730-0100 Vehicle and Administration Allocation	0.00	0.00	0.00
03750-0100 Expense Recovery	0.00	0.00	0.00
03745-0100 Equipment Fund Income	0.00	0.00	0.00
03720-0100 Salary Allocation	(355.00)	0.00	0.00
Total Expenditures	<u>677,653.17</u>	<u>751,076.00</u>	<u>755,589.00</u>
Surplus (Deficit) for the Period	<u>51,434.35</u>	<u>0.00</u>	<u>0.00</u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0105 Prov Grant - Admin	0.00	0.00	0.00
03058-0105 Legal Expenses	0.00	0.00	0.00
03400-0105 Recovery - Foundation Costs	0.00	0.00	0.00
03500-0105 Matching Levy - Admin	0.00	0.00	0.00
03510-0105 Non-Matching Levy	75,420.00	75,420.00	85,420.00
02150-0105 TCA - Disposal	0.00	0.00	0.00
03550-0105 Special Levy - Admin	0.00	0.00	0.00
03670-0105 Fees - Other	0.00	0.00	0.00
03700-0105 Other Income	0.00	0.00	0.00
03710-0105 Allocated Admin	0.00	0.00	0.00
03740-0105 Project Admin	0.00	0.00	0.00
03755-0105 IT Allocation Revenue	0.00	15,124.00	18,000.00
03780-0105 Bank Interest Income	0.00	0.00	0.00
03782-0105 Investment Interest Income	0.00	0.00	0.00
03990-0105 Carry forward Revenue	0.00	0.00	0.00
03999-0105 Transfer from Reserves	0.00	0.00	0.00
Total Revenue	<u>75,420.00</u>	<u>90,544.00</u>	<u>103,420.00</u>
Expenditures			
04000-0105 Salary & Benefits	76,030.95	80,400.00	86,476.00
04140-0105 Service Awards	0.00	0.00	0.00
04300-0105 Employee Training	0.00	400.00	400.00
04400-0105 Employee Expenses (Travel etc)	0.00	0.00	0.00
04505-0105 Health and Safety Training	0.00	0.00	0.00
04540-0105 Uniform	0.00	44.00	44.00
05020-0105 Building Maintenance/Cleaning	0.00	0.00	0.00
05040-0105 Office Equipment Admin	0.00	0.00	0.00
05050-0105 Office Supplies	0.00	0.00	0.00
05055-0105 IT Supplies	1,514.15	1,500.00	1,500.00
05060-0105 Postage	34.24	0.00	0.00
05110-0105 Memberships and Subscriptions	2,385.83	0.00	0.00
05120-0105 Telephone	0.00	0.00	0.00
05130-0105 Internet	0.00	0.00	0.00
05200-0105 Consulting Fees	302.49	1,200.00	10,000.00
05230-0105 Conservation Ontario Levy	0.00	0.00	0.00
05840-0105 Software Expense	5,177.23	7,000.00	11,500.00
05830-0105 Vehicle Cost	0.00	0.00	0.00
05900-0105 Miscellaneous	0.00	0.00	0.00
06010-0105 IT Software Purchase	0.00	0.00	0.00
06050-0105 Other Capital Purchases	0.00	0.00	0.00
07720-0105 Salary Allocation Expense	0.00	0.00	0.00
07730-0105 Vehicle Allocation Expense	0.00	0.00	0.00
07750-0105 Expense Recovery	0.00	0.00	0.00
03720-0105 Salary Allocation	(7,930.85)	0.00	(6,500.00)
03750-0105 Expense Recovery	(2,094.04)	0.00	0.00
Total Expenditures	<u>75,420.00</u>	<u>90,544.00</u>	<u>103,420.00</u>
Surplus (Deficit) for the Period	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0150 Prov Grant - Planning	19,000.00	19,000.00	19,000.00
03190-0150 JCP Funding	1,316.85	0.00	0.00
03400-0150 Foundation Donation	0.00	0.00	0.00
03480-0150 Other Grant	0.00	0.00	0.00
03490-0150 Donations	0.00	0.00	0.00
03500-0150 Matching Levy - Planning	19,000.00	19,000.00	19,000.00
03510-0150 Non-Matching Levy - Planning	279,640.00	437,526.00	575,377.00
03550-0150 Special Levy - Planning	0.00	0.00	0.00
03600-0150 Fees	22,235.00	28,094.00	40,200.00
03610-0150 Fees - Inquiries	18,170.00	21,450.00	23,500.00
03611-0150 Fees - Planning Inquiries	5,070.00	6,952.00	6,500.00
03620-0150 Fees - Mapping Services	370.00	814.00	400.00
03630-0150 Fees - Municipal Drains	0.00	0.00	0.00
03635-0150 Fees - Natural Heritage	23,910.00	16,027.00	16,500.00
03640-0150 Fees - Regulations	106,475.00	113,350.00	170,500.00
03670-0150 Fees - Other	41,230.00	53,746.00	62,100.00
03675-0150 Fees - Special Projects	0.00	0.00	0.00
03690-0150 Regulation Violation	(605.00)	0.00	0.00
03700-0150 Other Income	0.00	0.00	0.00
03999-0150 Transfer to/from Reserves	0.00	60,000.00	
Total Revenue	# <u>535,811.85</u>	<u>775,959.00</u>	<u>933,077.00</u>
Expenditures			
04000-0150 Salary & Benefits - Planning	418,827.94	720,400.00	885,000.00
04010-0150 Salary/seasonal/PT/Temp	79,089.50	0.00	0.00
04021-0150 Wages & Benefits - JCP	534.87	5,000.00	5,000.00
04300-0150 Employee Training	1,623.09	5,000.00	5,000.00
04310-0150 Employee Education/Training - Travel	0.00	0.00	0.00
04320-0150 Employee Professional Memberships	244.58	0.00	625.00
04400-0150 Employee Expenses (Travel etc)	0.00	0.00	0.00
04410-0150 Employee Expenses Mileage	0.00	0.00	0.00
04500-0150 Health & Safety Expenses	0.00	0.00	0.00
04505-0150 Health and Safety Training	0.00	0.00	0.00
04540-0150 Uniform	0.00	0.00	1,375.00
05010-0150 POS Fees - Planning	4,956.64	5,705.58	7,000.00
05035-0150 Vehicle Insurance	485.79	971.58	1,000.00
05050-0150 Office Supplies	459.61	0.00	800.00
05055-0150 It Supplies	325.60	661.00	1,000.00
05060-0150 Postage	4.58	0.00	0.00
05070-0150 Printing Expense	16.37	0.00	100.00
05100-0150 Meeting Expense	26.94	0.00	0.00
05120-0150 Telephone	1,503.48	1,500.00	1,500.00
05200-0150 Consulting Fees	37,290.64	57,942.14	0.00
05250-0150 Advertising Expense	361.26	1,000.00	1,000.00
05260-0150 Legal Fees	5,272.26	0.00	5,500.00
05460-0150 Planning/Regulations - Operating Exp	0.00	0.00	0.00
05475-0150 Gas & Oil Expense	2,886.43	1,670.00	3,000.00
05830-0150 Vehicle Cost	714.82	666.30	750.00
05840-0150 Software Expense - Admin	15,338.78	5,172.40	6,657.00
07720-0150 Salary Allocation	3,500.00	0.00	0.00
07730-0150 Vehicle Allocation Expense	4,650.00	2,490.00	2,490.00
07755-0150 IT Allocation Expense	3,120.00	5,280.00	5,280.00
03710-0150 Allocated Admin	0.00	0.00	0.00
03720-0150 Salary Allocation	(10,000.00)	(37,500.00)	0.00
03750-0150 Expense Recovery	0.00	0.00	0.00
05880-0150 Sect 28 Enforcement	0.00	0.00	0.00
Total Expenditures	<u>571,233.18</u>	<u>775,959.00</u>	<u>933,077.00</u>
Surplus (Deficit) for the Period	<u>(35,421.33)</u>	<u>0.00</u>	<u>0.00</u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31	2022-12-31	2023-12-31
	=====	=====	=====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03190-0165 JCP Funding	2,018.63	0.00	0.00
03400-0165 Recovery - Foundation Costs	0.00	0.00	0.00
03510-0165 Non-Matching Levy - GIS	19,000.00	38,050.00	38,050.00
03550-0165 Special Levy	0.00	0.00	0.00
03670-0165 Fees - Other	233.73	0.00	0.00
03620-0165 Fees - Mapping Services	14,000.00	0.00	0.00
03700-0165 Other Income	0.00	0.00	0.00
03755-0165 IT Allocation Revenue	0.00	4,000.00	0.00
03990-0165 Carry forward Revenue	0.00	0.00	0.00
Total Revenue	35,252.36	42,050.00	38,050.00
Expenditures			
04000-0165 Salary & Benefits	38,283.65	40,200.00	42,500.00
04010-0165 Salary/seasonal/PT/Temp	16,791.84	0.00	30,500.00
04021-0165 Wages & Benefits - JCP	407.52	0.00	0.00
04300-0165 Employee Training	0.00	600.00	600.00
04310-0165 Employee Education/Training - Travel	0.00	500.00	500.00
04410-0165 Employee Expenses Mileage	0.00	150.00	150.00
04505-0165 Health and Safety Training	0.00	250.00	0.00
05055-0165 IT Supplies	0.00	0.00	800.00
05840-0165 Software Expense	3,176.73	8,000.00	8,000.00
05900-0165 Miscellaneous	838.85	0.00	0.00
06040-0165 IT Equipment Purchases	0.00	0.00	0.00
03720-0165 Salary Allocation	(29,500.00)	(7,650.00)	(42,500.00)
03750-0165 Expense Recovery	0.00	0.00	(2,500.00)
07720-0165 Salary Allocation Expense	2,000.00	0.00	0.00
07750-0165 Expense Recovery	3,253.77	0.00	0.00
Total Expenditures	35,252.36	42,050.00	38,050.00
Surplus (Deficit) for the Period	0.00	0.00	0.00

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0210 Prov Grant - Flood Cntl	46,200.00	46,200.00	46,200.00
03190-0210 JCP Funding	0.00	0.00	0.00
03480-0210 Other Grant	4,966.00	0.00	0.00
03500-0210 Matching Levy - McKeough Oper	46,200.00	46,200.00	46,200.00
03510-0210 Non-Matching Levy	68,000.00	68,000.00	68,000.00
03550-0210 Spec.Levy-McK.	0.00	22,000.00	22,000.00
03700-0210 Other Income	0.00	0.00	
Total Revenue	165,366.00	182,400.00	182,400.00
Expenditures			
04000-0210 Salaries/Benefits - McKeough Oper	91,524.16	68,300.00	71,000.00
04010-0210 Salary/seasonal/PT/Temp	0.00	30,000.00	12,500.00
04021-0210 Wages & Benefits - JCP	0.00	0.00	0.00
04400-0210 Employee Expenses (Travel etc)	0.00	0.00	0.00
04410-0210 Employee Expenses Mileage	0.00	0.00	0.00
04500-0210 Health and Safety Supplies	25.42	0.00	0.00
04505-0210 Health and Safety Training	0.00	0.00	0.00
04540-0210 Uniform	0.00	0.00	0.00
05020-0210 Building Maintenance/Cleaning	0.00	0.00	0.00
05030-0210 Insurance Expense	16,241.10	18,000.00	25,000.00
05035-0210 Vehicle Insurance	1,165.89	1,000.00	1,000.00
05050-0210 Office Supplies	256.42	200.00	200.00
05070-0210 Printing Expense	20.34	100.00	100.00
05080-0210 McKeough - Routine Maintenance Exp	3,696.51	4,000.00	4,000.00
05120-0210 Telephone	2,141.05	2,000.00	2,500.00
05130-0210 Internet	777.48	750.00	800.00
05240-0210 Communication Expense	0.00	0.00	0.00
05250-0210 Advertising Expense	0.00	0.00	0.00
05280-0210 Study Expense	0.00	0.00	0.00
05420-0210 Grass Cutting Expense	8,664.99	4,000.00	8,000.00
05430-0210 Grass and Weed Control Expense	0.00	0.00	0.00
05450-0210 Property Tax Expense	9,526.16	10,350.00	10,350.00
05460-0210 McKeough - Operations Expense	0.00	0.00	0.00
05470-0210 Utilities	5,100.30	6,000.00	6,500.00
05475-0210 Gas & Oil Expense	4,368.34	3,350.00	4,000.00
05820-0210 Trail Maintenance Expense	0.00	0.00	0.00
05830-0210 Vehicle Cost	1,829.01	1,000.00	2,000.00
05900-0210 Miscellaneous Expenses	1,125.96	2,450.00	1,000.00
07710-0210 Admin Allocation Expense	0.00	2,400.00	1,200.00
07720-0210 Salary Allocation Expense	0.00	18,100.00	18,100.00
07730-0210 Vehicle Allocation Expense	12,000.00	1,800.00	1,800.00
07735-0210 Vehicle Allocation Expense	0.00	0.00	0.00
07740-0210 Equipment Allocation Expense	7,500.00	3,750.00	7,500.00
07750-0210 Expense Recovery	0.00	0.00	0.00
07755-0210 IT Allocation Expense	1,248.00	4,850.00	4,850.00
03720-0210 Salary Allocation	(1,845.13)	0.00	0.00
03750-0210 Expense Recovery	0.00	0.00	0.00
Total Expenditures	165,366.00	182,400.00	182,400.00
Surplus (Deficit) for the Period	0.00	0.00	0.00

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0211 Prov Grant - McKeough R Mtce	19,800.00	19,800.00	19,800.00
03500-0211 Matching Levy - McKeough RM	19,800.00	19,800.00	19,800.00
03510-0211 Non-Matching Levy	0.00	0.00	0.00
03550-0211 Spec.Levy-McK.(Cht-Kent)	72,630.00	51,730.00	51,730.00
03551-0211 Spec.Levy-McK.(St. Clair)	2,720.00	2,720.00	2,720.00
03770-0211 Oil & Gas Revenue - McKeough	0.00	0.00	0.00
	0.00	0.00	0.00
Total Revenue	<u>114,950.00</u>	<u>94,050.00</u>	<u>94,050.00</u>
Expenditures			
04000-0211 Salaries/Benefits - McKeough RM	85,000.46	92,000.00	92,000.00
05080-0211 McKeough - Routine Maintenance Expense	0.00	2,050.00	2,050.00
07720-0211 Salary Allocation Expense	21,569.13	0.00	0.00
07750-0211 Expense Recovery	8,380.41	0.00	0.00
03720-0211 Salary Allocation	0.00	0.00	0.00
03750-0211 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>114,950.00</u>	<u>94,050.00</u>	<u>94,050.00</u>
Surplus (Deficit) for the Period	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0212 Prov Grant - McKeough P Mtce	1,500.00	1,500.00	1,500.00
03500-0212 Matching Levy - McKeough PM	1,500.00	1,500.00	1,500.00
Total Revenue	<u>3,000.00</u>	<u>3,000.00</u>	<u>3,000.00</u>
Expenditures			
04000-0212 Salaries/Benefits - McKeough PM	0.00	0.00	0.00
05080-0212 McKeough - Preventative Maintenance Exp	0.00	1,500.00	1,500.00
07720-0212 Salary Allocation Expense	3,000.00	1,500.00	1,500.00
07750-0212 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>3,000.00</u>	<u>3,000.00</u>	<u>3,000.00</u>
Surplus (Deficit) for the Period	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0220 Prov Grant - Arda Oper	3,500.00	3,500.00	3,500.00
03500-0220 Matching Levy - Arda Oper	3,500.00	3,500.00	3,500.00
03510-0220 Non-Matching Levy	500.00	500.00	500.00
Total Revenue	<u>7,500.00</u>	<u>7,500.00</u>	<u>7,500.00</u>
Expenditures			
04000-0220 Salaries/Benefits - Arda Oper	0.00	0.00	0.00
05035-0220 Vehicle Insurance	32.39	45.00	45.00
05460-0220 Operations- Arda Dykes	0.00	0.00	0.00
05475-0220 Gas & Oil Expense	52.82	165.00	165.00
05830-0220 Vehicle Cost	70.76	20.00	20.00
07720-0220 Salary Allocation Expense	6,398.43	5,500.00	5,500.00
07730-0220 Vehicle Allocation Expense	300.00	300.00	300.00
07750-0220 Expense Recovery	645.60	1,470.00	1,470.00
Total Expenditures	<u>7,500.00</u>	<u>7,500.00</u>	<u>7,500.00</u>
Surplus (Deficit) for the Period	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0230 Prov Grant - Flood Forecasting	33,000.00	33,000.00	33,000.00
03190-0230 JCP Funding	0.00	1,000.00	1,000.00
03195-0230 Summer Experience - SHOULD USE DEI	0.00	0.00	0.00
03480-0230 Other Grants	0.00	20,000.00	10,000.00
03490-0230 Donations	0.00	0.00	0.00
03500-0230 Matching Levy - Flood Forecast	33,000.00	33,000.00	33,000.00
03510-0230 Non-Matching Levy	40,000.00	40,000.00	40,000.00
03600-0230 Revenue Fees	0.00	0.00	0.00
Total Revenue	<u>106,000.00</u>	<u>127,000.00</u>	<u>117,000.00</u>
Expenditures			
04000-0230 Salaries/Benefits - Flood Forecasting	135,290.98	141,000.00	148,800.00
04010-0230 Seasonal/PT/Temp	22.04	0.00	0.00
04021-0230 Wages & Benefits - JCP	0.00	3,100.00	0.00
04300-0230 Employee Education & Training	748.81	1,500.00	1,500.00
04310-0230 Employee Education/Training - Travel	0.00	150.00	150.00
04320-0230 Employee Professional Memberships	411.12	0.00	0.00
04400-0230 Employee Expenses (Travel etc)	74.13	1,000.00	1,000.00
04410-0230 Employee Expenses Mileage	0.00	500.00	0.00
04500-0230 Health and Safety Supplies	961.71	1,698.28	1,000.00
04505-0230 Health and Safety Training	0.00	200.00	200.00
04540-0230 Uniform	329.33	300.00	300.00
05030-0230 Insurance	0.00	110.00	110.00
05035-0230 Vehicle Insurance	809.65	200.00	1,000.00
05050-0230 Office Supplies	24.93	0.00	0.00
05055-0230 IT Supplies	39.42	0.00	0.00
05060-0230 Postage	193.09	0.00	0.00
05070-0230 Printing Expense	34.11	200.00	200.00
05080-0230 General Maintenance Expense	687.84	200.00	200.00
05100-0230 Meeting Expense	0.00	0.00	0.00
05110-0230 Memberships and Subscriptions	3,500.00	500.00	500.00
05120-0230 Telephone	968.82	1,100.00	1,100.00
05240-0230 Flooding Warning - Communications	0.00	0.00	0.00
05300-0230 Data Gauges - Flood Forecast	8,785.85	6,000.00	10,000.00
05330-0230 Monitoring Expense	132.25	0.00	0.00
05350-0230 Flood Forecasting - Warning Response	0.00	0.00	0.00
05460-0230 Flood Forecasting - Operations	10,700.04	9,500.00	11,000.00
05475-0230 Gas & Oil Expense	1,903.69	3,670.00	2,500.00
05650-0230 Project Expense	29,297.28	0.00	0.00
05830-0230 Vehicle Cost	1,087.94	2,500.00	2,500.00
05840-0230 Software Expense	571.52	0.00	0.00
05860-0230 System Plan	0.00	326.72	0.00
05900-0230 Miscellaneous Expenses	0.00	0.00	0.00
03720-0230 Salary Allocation	(89,973.31)	(58,455.00)	(76,760.00)
03750-0230 Expense Recovery	(9,404.86)	0.00	0.00
07710-0230 Admin Allocation Expense	0.00	3,000.00	3,000.00
07720-0230 Salary Allocation Expense	637.62	0.00	0.00
07730-0230 Vehicle Allocation Expense	5,670.00	5,580.00	5,580.00
07755-0230 IT Allocation Expense	2,496.00	3,120.00	3,120.00
07750-0230 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>106,000.00</u>	<u>127,000.00</u>	<u>117,000.00</u>
Surplus (Deficit) for the Period	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0231 Prov. Grant Low water response	2,500.00	2,500.00	2,500.00
03100-0231 MNR Grant	0.00	0.00	0.00
03500-0231 Matching Levy	2,500.00	2,500.00	2,500.00
03990-0231 Carry forward	(5,000.00)	1,200.00	1,200.00
	0.00	0.00	0.00
Total Revenue	<u>0.00</u>	<u>6,200.00</u>	<u>6,200.00</u>
Expenditures			
04000-0231 Salary & Benefits	0.00	0.00	0.00
05900-0231 Miscellaneous Expenses	0.00	1,200.00	1,200.00
07720-0231 Salary Allocation Expense	0.00	5,000.00	5,000.00
07750-0231 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>0.00</u>	<u>6,200.00</u>	<u>6,200.00</u>
Surplus (Deficit) for the Period	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	2021-12-31 =====	2022-12-31 =====	2023-12-31 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03000-0232 Prov Grant - Ice Breaking	1,500.00	1,500.00	1,500.00
03500-0232 Matching Levy - Ice Breaking	1,500.00	1,500.00	1,500.00
03510-0232 Non-Matching Levy	500.00	500.00	500.00
Total Revenue	<u>3,500.00</u>	<u>3,500.00</u>	<u>3,500.00</u>
Expenditures			
04000-0232 Salaries/Benefits - Ice Breaking	4,137.62	0.00	0.00
03720-0232 Salary Allocation	(637.62)	0.00	0.00
03750-0232 Expense Recovery	0.00	0.00	0.00
07720-0232 Salary Allocation Expense	0.00	3,500.00	3,500.00
07750-0232 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>3,500.00</u>	<u>3,500.00</u>	<u>3,500.00</u>
Surplus (Deficit) for the Period	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

**St. Clair Region Conservation Authority
Statement of Revenue and Expenditure**

	12/31/2021 =====	12/31/2022 =====	12/31/2023 =====
	Last Year	Budget	Proposed Budget
	=====	=====	=====
Revenue			
03110-0610 MOE Grant	0.00	0.00	0.00
03420-0610 SWP Funding	0.00	0.00	0.00
03480-0610 Other Income	0.00	0.00	0.00
03490-0610 Other Donations	0.00	0.00	0.00
03510-0610 Non-Matching Levy	0.00	90,000.00	90,000.00
03550-0610 Special Levy - Education	0.00	0.00	0.00
03700-0610 Other income	0.00	0.00	0.00
03999-0610 Transfer From Reserves	0.00	0.00	
Total Revenue	<u>0.00</u>	<u>90,000.00</u>	<u>90,000.00</u>
Expenditures			
04000-0610 Salaries/Benefits - Education	0.00	107,000.00	111,500.00
04300-0610 Employee Training	0.00	2,000.00	1,000.00
04310-0610 Employee Education/Training - Travel	0.00	0.00	0.00
04320-0610 Employee Professional Memberships	0.00	0.00	0.00
04400-0610 Employee Expenses (Travel etc)	0.00	0.00	0.00
04410-0610 Employee Expenses Mileage	0.00	0.00	0.00
04500-0610 Health and Safety Supplies	0.00	0.00	0.00
04500-0610- Health and Safety Supplies	0.00	0.00	0.00
04505-0610 Health and Safety Training	0.00	300.00	0.00
04540-0610 Uniform	0.00	350.00	350.00
05030-0610 Insurance Expense	0.00	0.00	0.00
05035-0610 Vehicle Insurance	0.00	125.00	125.00
05050-0610 Office Supplies	0.00	200.00	200.00
05055-0610 IT Supplies	0.00	200.00	0.00
05060-0610 Postage	0.00	100.00	100.00
05070-0610 Printing Expense	0.00	1,000.00	500.00
05100-0610 Meeting Expense	0.00	150.00	0.00
05110-0610 Memberships and Subscriptions	0.00	0.00	3,000.00
05120-0610 Telephone	0.00	0.00	1,000.00
05130-0610 Internet	0.00	0.00	0.00
05240-0610 Communication Expense	0.00	5,000.00	1,000.00
05250-0610 Advertising Expense	0.00	0.00	0.00
05200-0610 Consulting Fees	0.00	0.00	0.00
05475-0610 Gas & Oil Expense	0.00	0.00	0.00
05650-0610 Project Expense	0.00	0.00	0.00
05830-0610 Vehicle Cost	0.00	400.00	400.00
05840-0610 Software Expense	0.00	1,500.00	1,000.00
05900-0610 Miscellaneous Expenses	0.00	1,500.00	1,000.00
06000-0610 LCH - Internet Project	0.00	0.00	0.00
06010-0610 IT Software Purchase	0.00	0.00	0.00
07710-0610 Allocated Administration Expense	0.00	1,200.00	1,200.00
07720-0610 Salary Allocation Expense	0.00	6,595.00	0.00
07730-0610 Vehicle Allocation Expense	0.00	480.00	480.00
07750-0610 Expense Recovery	0.00	0.00	0.00
07755-0610 IT Allocation Expense	0.00	1,900.00	1,900.00
03720-0610 Salary Allocation	0.00	(40,000.00)	(34,755.00)
03750-0610 Expense Recovery	0.00	0.00	0.00
Total Expenditures	<u>0.00</u>	<u>90,000.00</u>	<u>90,000.00</u>
Surplus (Deficit) for the Period	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

Meeting Date: November 10, 2022
Report Date: October 13, 2022
Submitted by: Melissa Deisley, Kelli Smith

Item 6.8

Subject: Engineer’s Report Review Fee – Review and Analysis of Staff Time to Complete Such Work

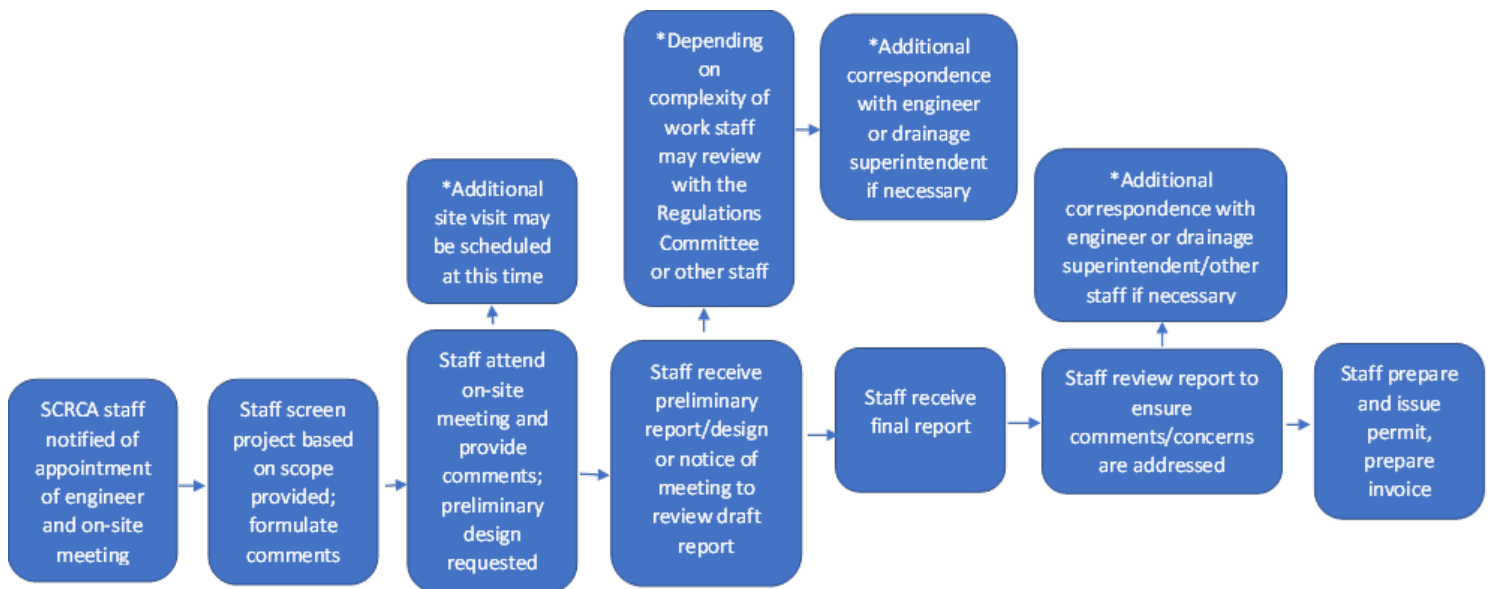
Recommendation:

That Board of Directors acknowledges the review and analysis of the staff time and associated costs to complete review of an Engineer’s Report under the Drainage Act (DART Review).

Background:

Conservation Authorities (CAs) regulate activities that change, divert, or interfere in any way with the existing channel of a river, creek, stream or watercourse, or that interfere with wetlands. Municipal drains are generally watercourses, as defined under the CA Act and are therefore regulated by CAs.

The general process the SCRCA follows for drains is below:



Staff are circulated on all projects completed under sections 74, 76, 78 or section 4 of the Drainage Act. Staff help member municipalities meet regulatory requirements by issuing Standard Compliance Requirements (SCRs) as per the Drainage Act and Conservation Authorities Act (DART) Protocol for maintenance projects (Drainage Act, S.74) and permits under Ontario Regulation 171/06 for projects where DART does not apply (Drainage Act, S. 4: Petition Drains and S. 78: Improvements).

Petition Drains and Improvements often require the appointment of an engineer to examine the area requiring drainage and prepare a report. These reports include the history of the drain and drainage issues, document current concerns and provide recommendations, designs (plan, profile, and specifications), estimate of costs, assessment, and allowances for a completed project.

SCRCA review of these reports starts at the initial on-site meeting notice where an Engineer has been appointed by council and schedules a meeting with the affected landowners to review the request and investigate any other concerns. SCRCA staff screen the location of the project to determine any initial concerns with the location and scope of work and will attend the on-site meeting. Following the on-site meeting the scope of work has often been confirmed and any further comments or concerns from the SCRCA are discussed/provided at that time. By involving SCRCA staff early in the process, any concerns can be addressed at an early stage which reduces the number of delays later in the process.

In some instances, an additional site visit may be required to walk the drain to better understand the regulated features or project scope. Staff will often meet with the Drainage Superintendent and Engineer during these meetings and others may be included (i.e. landowner, DFO staff etc.). The Engineer may provide a preliminary report for review, often this report is reviewed by the affected landowners and SCRCA staff participate as well and provide comment.

Once the final report is submitted, SCRCA staff will review once more to ensure all comments have been addressed, review any changes to the design and ensure the design will not have any upstream or downstream impacts to flooding and erosion and that it meets the requirements under O. Reg. 171/06. Finally, a permit will be prepared and issued which includes specific conditions for the proposed work. See the table below for an average breakdown of time spent in review.

Activity	Timing
<i>Screening</i>	1 hour
<i>On-site meeting</i>	Approximately 1 hour meeting
<i>Additional site visits</i>	1-2 hours
<i>Drive time to site visits and meetings</i>	Max 2 hours/meeting
<i>Preliminary Report Review not only one providing feedback need to review final report as well.</i>	3 hours
<i>Report review</i>	2-3 hours *3-5 hours if no preliminary report provided*
<i>Correspondence/meetings</i>	2-3 hours
<i>Permit writing and issuing</i>	2 hours
Total Hours	Approximately 16 hours

*The extent of review varies by project, the hours listed above is an average estimate of time spent, some projects may require more or less review time and resources.

2021	2022
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Drainage Act Review¹⁰

DART Review		
Minor - project value under \$500.00	\$65.00	\$65.00
Standard Maintenance, follow DART protocol, SCR issued	\$380.00	\$300.00
Major maintenance- within regulated wetland	\$1,010.00	\$1,130.00
Engineer's Report Review	\$510.00	\$570.00

DART review includes any maintenance projects under the Drainage Act and Conservation Authorities Act Review Protocol which can be provided with a Standard Compliance Requirements letter. The SCRCA is proposing to lower these fees/keep them the same to stay in line with adjacent Conservation Authorities, and to reflect the reduced staff time that is required to review these files.

The Engineer's Report Review fee is applied for projects under Section 4 or 78 of the Drainage Act which require more in-depth review of the reports by SCRCA staff, site visit(s), and issuance of the permit as outlined above. The proposed fee for 2022 is \$570.00 which is an increase of \$60 from 2021. These fees are invoiced to the Municipality to be incorporated into the cost assessment to the landowners as part of the project.

Drain Enclosures and Drain Re-alignments are charged under the Minor Permit B category if they can be supported at staff level, and are charged a greater fee if they cannot be supported and are appealed to a Hearing before the Board of Directors. These proposals require the most review from SCRCA staff and staff try to work with the Municipal Drainage Superintendents and landowners to achieve a resolution that can be supported at staff level without a hearing before the Board (i.e. reduced length, net environmental benefits, no enclosure, etc.).

Meeting Date: November 10, 2022 **Item 7.1 (b)**
Report Date: October 19, 2022
Submitted by: Emily De Cloet, Girish Sankar

Subject: Current Watershed Conditions

Report Highlights:

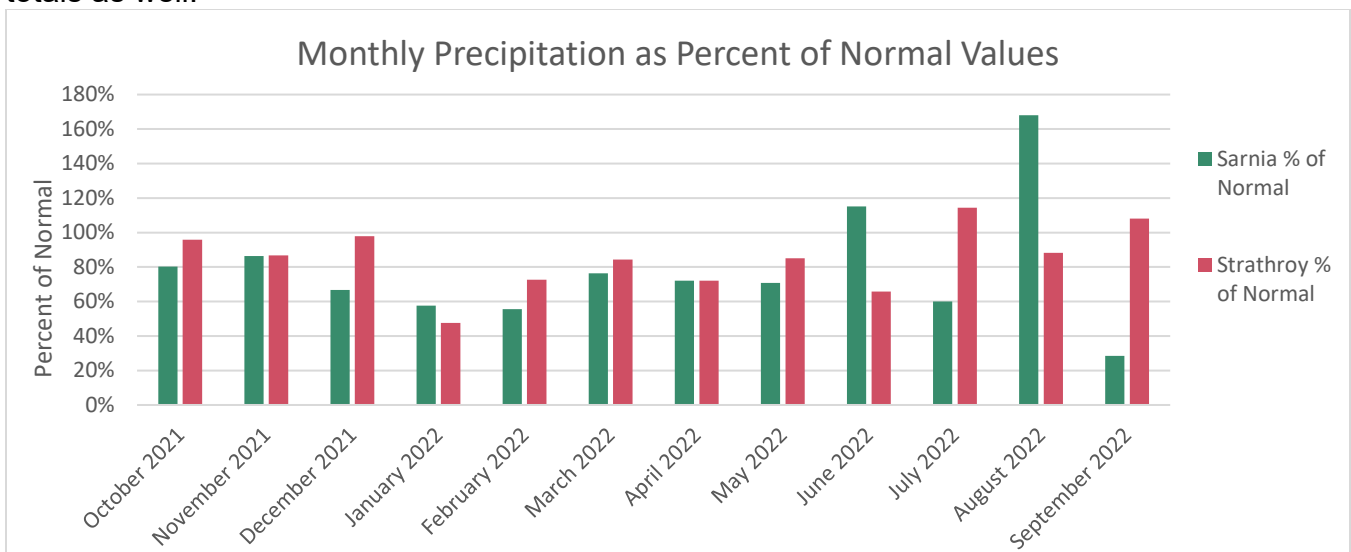
- One-month precipitation amounts are well below normal, but long-term trends are within the normal range
- Water levels on the surrounding Great Lakes have dropped from 2021 but remain above average
- Forecasted levels for Lakes St. Clair and Huron show continued decline into 2023
- Flood threat is low owing to reduced precipitation and lower levels on the Great Lakes

Watershed Conditions

Precipitation

Below average precipitation amounts were seen throughout the Great Lakes basin, with preliminary estimates showing the basin being 75% of average in September. Lakes Michigan-Huron were also below average, estimated at 71% of average precipitation amounts.

Precipitation amounts for the month of September were well below normal for Sarnia, however near- and above-normal precipitation amounts in July and August bolstered the three-month precipitation averages and saw Sarnia and Strathroy in the normal precipitation range. Near-normal precipitation trends in Sarnia and Strathroy continue through the six- and twelve-month totals as well.



Lake Levels

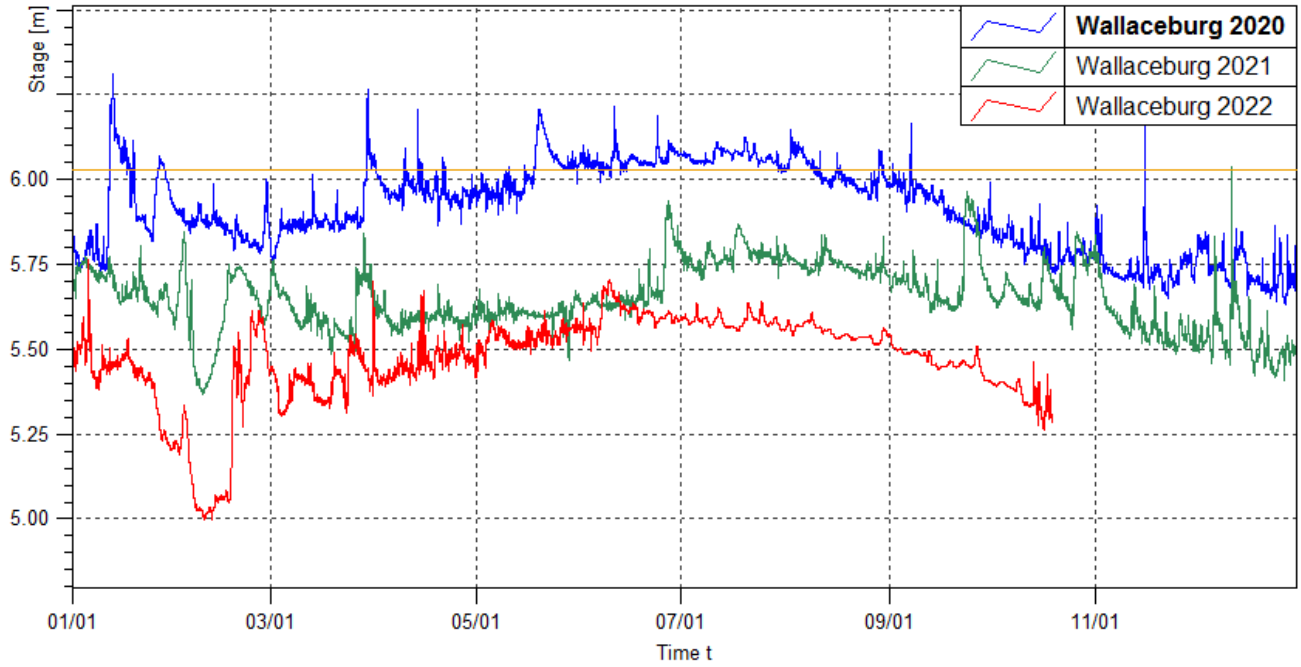
Water levels on the surrounding Great Lakes continued to drop, with September seeing a 21 cm drop on Lakes Huron and Erie and a 23 cm drop on Lake St. Clair. The lakes also remain well below their maximum monthly mean levels with Lake Huron 66 cm below its 1986 record, Lake St. Clair 47 cm below its 2020 record, and Lake Erie 41 cm below its 2019 record. Despite the downward trend, the lakes remain above average with Lakes Huron, St. Clair and Erie above average by 19 cm, 29 cm and 27 cm, respectively. Furthermore, forecasts depict a continued drop in water levels into early 2023.

September 2022	Lake Huron	Lake St. Clair	Lake Erie
Mean for Month (Preliminary Data)	176.72	175.41	174.46
Mean for Month Last Year	176.93	175.64	174.67
Change	-0.21	-0.23	-0.21
Mean, for period 1918-2021	176.53	175.12	174.19
Change Compared to Current	0.19	0.29	0.27
Statistics for Period of Record			
Maximum Monthly Mean / Year	177.38	175.88	174.87
	1986	2020	2019
Change Compared to Current	-0.66	-0.47	-0.41
Minimum Monthly Mean / Year	175.76	174.34	173.38
	1964	1934	1934
Change Compared to Current	0.96	1.07	1.08

Flood Threat

Below-average precipitation amounts in the region, as well as the Great Lakes basin as a whole, have contributed to the decrease in water levels on the surrounding Great Lakes. With water levels dropping in the system, levels at the lower reach of the Sydenham River at Wallaceburg have been noticeably lower compared to previous years. As a result of these conditions, the flood threat is currently low.

Annual water levels at the Wallaceburg stream gauge are shown for the years 2020 to 2022 compared to the top of bank level (orange line). October 2022 is currently 33 cm below the 2021 water level average, and 44 cm below the 2020 average. As of this report, there is 66 cm of freeboard in Wallaceburg.





Saturday, September 10th – **Ipperwash Beach Cleanup**. Once again, this cleanup had great weather and a great turnout. Over 15 volunteers participated and collected over 25 kilograms of garbage! This event was supported by Ministry of Environment, Conservation and Parks (MECP) Canada-Ontario Agreement (COA) funding.

Wednesday, September 21st – **TD Tree Days Coldstream CA Planting Event**. To celebrate National Tree Day, SCRCA hosted a tree and shrub planting event. The goal of this public event was to continue to naturalize a portion of the Coldstream Conservation Area that was once used as a campground.

Friday, September 23rd to Sunday, September 25th – **Forest Fall Fair**. Healthy Watershed and Biology staff hosted a booth at the Forest Fall Fair, where they spoke to watershed residents about soil

erosion, grants available to watershed residents, Species at Risk, and more!



Outreach Materials assist in promoting stewardship and implementation of best management practices within the Sydenham River and St. Clair watershed.

SCRCA recently was interviewed by “Ranger Em” for the Rogers tv show “Learn with Ranger Em”, where Biology staff spoke about Species at Risk that can be found in the Sydenham River and St. Clair watershed. To date, one episode has aired and can be found on YouTube (Flexing our Mussels: <https://youtu.be/pzsUDL9LI7k>). Two more episodes have been recorded with SCRCA, about turtles and the Captive Hatch and Release Program and a dual interview about the Great Lakes with Katie Stammler from Essex Region Conservation Authority.



Stewardship Project Update:

This summer and fall have been busy with stewardship projects! Staff has been working with landowners and contractors to implement 3 wetlands (2 acres in total) in the Upper Sydenham and Sydenham Headwaters subwatersheds. Staff are working with partners to create 4 more wetlands (4.5 acres) and 2 erosion control projects this fall. Conservation Services is gearing up for fall site visits and planning for the spring planting season.

A wetland project completed this summer with funding from Department of Fisheries and Oceans (DFO) Canada Nature Fund, Alternative Land Use Services (ALUS) Middlesex, and MECP COA Landowner Environmental Assistance Program (LEAP) fund.



Grant Update:

Newly Awarded Grants for stewardship projects:

OMAFRA COA (\$190,000): funding for two (2) years that will go towards enhancing agricultural stewardship delivery in the Sydenham River and St. Clair watershed to address climate change resiliency and water quality concerns surrounding rural drainage systems. Provides funding for 2 staff members to complete Agricultural Stewardship and Drainage Stewardship.

OMAFRA COA with the Healthy Lake Huron Conservation Authorities (\$60,000): funding will be used to address the need to reduce nutrient loading and improve water quality in the Great Lakes Basin as identified in the bi-national Great Lakes Water Quality Agreement and recommendations from the International Joint Commission.

Meeting Date: November 10, 2022 **Item 7.1 (d)**
Report Date: October 19, 2022
Submitted by: Melissa Deisley, Jeff Vlasman, Meagan Weber, Kelsey Oatman, 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 August 1, 2022 to September 30, 2022

Regulations Permits Issued						
Application #	Location	Municipality	Proposal	Submitted	Issued	Days
R#2022-0010	27217 Napier Road, Adelaide-Metcalfe	Adelaide-Metcalfe	New Dwelling	Aug-24	Aug-24	1
R#2022-0505	6526 Rokeby Line (closest municipal address), Petrolia	Brooke-Alvinston	culvert replacement (Munro Drain)	Jul-28	Aug-29	32
R#2022-0506	6469 Petrolia Line (closest municipal address), Alvinston	Brooke-Alvinston	culvert replacement (Bourne drain)	Jul-28	Sep-02	36
R#2021-0275	Between Mun. 10167 Countryview Line and Mun. 10101 Countryview Line	Chatham-Kent	Replacing Pipe Arch with Concrete Footing	Sep-01	Sep-30	29
R#2021-0778	324 Agnes Street, Wallaceburg	Chatham-Kent	18' x 26' garage	Aug-31	Aug-31	1
R#2022-0165	29644 Kimball Road	Chatham-Kent	Repairs to Kimball Road Bridge	Apr-29	Sep-02	126
R#2022-0269	586 Sandra Cres, Wallaceburg	Chatham-Kent	build covered porch	Jun-20	Aug-15	56
R#2022-0292	23 George Street, Wallaceburg	Chatham-Kent	build shed	Jul-22	Aug-29	38
R#2022-0299	551 Duncan Street, Wallaceburg	Chatham-Kent	build detached garage	Jul-27	Aug-10	14

R#2022-0320	4 Sydenham Gardens Blvd, Wallaceburg	Chatham-Kent	new pool	Aug-10	Aug-12	2
R#2022-0323	4013 Dufferin Ave (empty lot west), Wallaceburg	Chatham-Kent	new dwelling	Aug-20	Aug-22	2
R#2022-0365	1021 James St, Wallaceburg	Chatham-Kent	Detached Garage	Sep-07	Sep-07	1
R#2022-0402	20 Forhan Street, Wallaceburg	Chatham-Kent	garage addition	Jun-28	Aug-17	50
R#2022-0426	8594 Cedar Hedge Line, Dresden	Chatham-Kent	addition	Jul-12	Aug-12	31
R#2022-0464	8287 Dover Centre Line, Dover Centre	Chatham-Kent	build an addition	Aug-01	Aug-25	24
R#2022-0503	15 Larkwood Street, Wallaceburg	Chatham-Kent	build a garage	Jul-27	Aug-29	33
R#2022-0530	116 Lorne Ave, Wallaceburg	Chatham-Kent	build a garage/pole shed	Aug-09	Aug-31	22
R#2022-0544	129 Bruce Street, Wallaceburg	Chatham-Kent	replace deck	Aug-18	Sep-01	14
R#2022-0547	313 Victoria Street, Wallaceburg	Chatham-Kent	build a new shed	Aug-23	Sep-29	37
R#2022-0569	7651 McCreary Line, Wallaceburg	Chatham-Kent	integrity dig	Sep-12	Sep-29	17
R#2022-0587	91 Forhan Street, Wallaceburg	Chatham-Kent	replace garage	Sep-15	Sep-27	12
R#2022-0591	1136 Dufferin Ave, Wallaceburg	Chatham-Kent	build a garage	Sep-03	Sep-28	25
R#2022-0399	1897 Oil Heritage Road, Oil Springs	Dawn-Euphemia	addition	Aug-26	Aug-29	3
R#2022-0510	5773 Aberfeldy Line, Oil Springs	Dawn-Euphemia	pipeline work	Aug-02	Sep-06	35
R#2022-0511	1841 Marthaville Road, Dresden	Dawn-Euphemia	Integrity dig	Aug-02	Sep-13	42
R#2022-0512	1421 Esterville Road, Dresden	Dawn-Euphemia	Integrity dig	Aug-02	Sep-09	38
R#2022-0514	2003 Pantry School Road, Oil Springs	Dawn-Euphemia	Integrity dig	Aug-02	Sep-09	38
R#2022-0515	786 Mandaumin Road, Tupperville	Dawn-Euphemia	Integrity dig	Aug-02	Sep-09	38

R#2022-0561	Bentpath Line, Dawn	Dawn-Euphemia	pipeline abandonment & temp. culverts	Aug-30	Sep-13	14
R#2022-0562	Mosside Line, Zone	Dawn-Euphemia	pipeline abandonment	Aug-30	Sep-13	14
R#2022-0580	Forest Road, Zone	Dawn-Euphemia	pipeline abandonment	Aug-30	Sep-13	14
R#2022-0582	Naylor Road, Dawn	Dawn-Euphemia	pipeline abandonment	Aug-30	Sep-13	14
R#2020-0013	16 Eureka Street, Forest	Lambton Shores	Build new dwelling	Jul-21	Sep-29	70
R#2022-0290	126 MacNab Street (property beside), Forest	Lambton Shores	install two culverts	Sep-13	Sep-19	6
R#2022-0295	6650 East Parkway Drive, Lambton Shores	Lambton Shores	build new dwelling & demo old	Sep-28	Sep-30	2
R#2022-0445	24089 Bear Creek Road (south of property), Ilderton	Middlesex Centre	regular pipeline maintenance	Jul-15	Aug-02	18
R#2021-0352	3206 Dana Street, Camlachie	Plympton-Wyoming	Repairs to Retaining Wall	Sep-19	Sep-20	1
R#2022-0091	4886 Forsyth Trail, Plympton-Wyoming	Plympton-Wyoming	Reconstruct a dwelling destroyed by a fire	Aug-02	Aug-03	1
R#2022-0164	Hillcrest Road (across 7165)	Plympton-Wyoming	Slope Repairs	Aug-18	Aug-19	1
R#2022-0241	4145 Bluepoint Drive, Plympton	Plympton-Wyoming	new dwelling	Sep-20	Sep-22	2
R#2022-0404	4895 Lakeshore Road (unit A24), Plympton	Plympton-Wyoming	deck expansion	Jul-22	Sep-23	63
R#2022-0429	5046 Lakeshore Road (Highland Glen CA), Plympton-Wyoming	Plympton-Wyoming	various shoreline works	Jul-29	Sep-09	42
R#2022-0520	3568 Egremont Road, Camlachie	Plympton-Wyoming	upgrade stormwater system	Aug-11	Aug-24	13
R#2022-0534	3965 George Street (southwest), Plympton-Wyoming	Plympton-Wyoming	new aerial strand and fibre optic cable	Aug-12	Sep-13	32

R#2022-0537	3601 Queen Street, Camlachie	Plympton-Wyoming	install new gas service	Aug-08	Aug-11	3
R#2022-0368	1672 Lakeshore Road, Sarnia	Sarnia	garage addition	Jun-08	Aug-12	65
R#2022-0500	1992 Estella Street, Bright's Grove	Sarnia	install a SWM outlet	Jul-27	Aug-15	19
R#2022-0552	1182 Plank Road, Sarnia	Sarnia	Integrity dig	Aug-19	Sep-23	35
R#2022-0553	606 McGregor Sideroad (across from), Sarnia	Sarnia	integrity dig	Aug-19	Sep-28	40
R#2022-0555	1182 Plank Road, Sarnia	Sarnia	battery energy storage system & waste bin storage Building	Aug-19	Sep-28	40
R#2022-0311	5696 Century Dr (closest address), Ekfrid	Southwest Middlesex	culvert 219 replacement	Aug-09	Aug-18	9
R#2022-0312	5846 Century Dr (nearest address), Ekfrid	Southwest Middlesex	culvert 218 replacement	Aug-22	Aug-29	7
R#2022-0575	Falconbridge Drive, Middlesex	Southwest Middlesex	pipeline abandonment & temp. culvert	Aug-30	Sep-13	14
R#2022-0579	Big Bend Road, Mosa	Southwest Middlesex	install temp. culvert	Aug-30	Sep-13	14
R#2022-0581	Knapdale Drive, Mosa	Southwest Middlesex	pipeline abandonment	Aug-30	Sep-13	14
R#2022-0583	Oil Field Drive, Mosa	Southwest Middlesex	pipeline abandonment	Aug-30	Sep-13	14
R#2022-0210	3861 St. Clair Pkwy, Lambton	St. Clair	new shed	Mar-29	Aug-16	140
R#2022-0213	976 Oil Springs Line (across from property), Moore	St. Clair	repair/replacement of two faulty test stations	May-26	Sep-02	99
R#2022-0214	288 Oil Springs Line (nearby property), Mooretown	St. Clair	repair/replacement of faulty test station	May-30	Sep-02	95
R#2022-0240	1144 George Robertson Water Way, Fawn Island	St. Clair	addition	Aug-14	Aug-25	11

R#2022-0303	4534 St. Clair Parkway, Port Lambton	St. Clair	new foundation & addition	May-02	Aug-17	107
R#2022-0304	468 Gibson Lane, Port Lambton	St. Clair	addition	Aug-15	Aug-15	1
R#2022-0322	3975 Leeland Drive, Port Lambton	St. Clair	addition onto existing sunroom	May-16	Aug-15	91
R#2022-0373	1452 Courtright Line, Courtright	St. Clair	new dwelling	Jun-09	Aug-15	67
R#2022-0377	150 St Clair Parkway, Corunna	St. Clair	shoreline repair	Aug-10	Aug-10	1
R#2022-0513	285 Albert Street, Corunna	St. Clair	Integrity dig	Aug-02	Sep-09	38
R#2022-0584	4250 Garden Lane, Port Lambton	St. Clair	build a garage	Sep-14	Sep-26	12
R#2022-0625	4558 Ladysmith Rd	St. Clair	Pipeline replacement	Sep-23	Sep-26	3
R#2021-0495	8338 Scotchmere Drive	Strathroy-Caradoc	New single family dwelling	Aug-04	Aug-04	1
R#2022-0180	McEvoy Road, Curve before Adelaide Road	Strathroy-Caradoc	Re-alignment of curve	Sep-19	Sep-27	8
R#2022-0369	23997 Glen Oak Road, Strathroy	Strathroy-Caradoc	build a cold storage shed	Jun-16	Aug-12	57
R#2022-0521	705 Wright Street, Strathroy	Strathroy-Caradoc	permit for SWM outlet	Sep-20	Sep-23	3
R#2022-0358	8210 Zion Line (nearest address), Warwick	Warwick	replace culvert #45 on Zion Line	Aug-09	Aug-18	9
R#2022-0398	7039 London Line, Watford	Warwick	addition	Sep-01	Sep-23	22
Total Permits Issued: 74		Average Number of Days to Issue for this Period: 28.96				

Regulations Inquiries

FileReference	Municipality	Location
R#2021-0136	Adelaide-Metcalf	25700 Kerwood Road
R#2022-0202	Adelaide-Metcalf	1856 Melwood Drive, Strathroy
R#2022-0630	Adelaide-Metcalf	14 Charles Blvd (lot west), Strathroy
R#2022-0636	Adelaide-Metcalf	14 Charles Blvd (lot west), Strathroy
R#2022-0340	Brooke-Alvinston	8919 Conservation Road (northwest lot), Brooke

R#2022-0468	Brooke-Alvinston	6334 Petrolia Line, Alvinston
R#2022-0518	Brooke-Alvinston	8257 Petrolia Line, Alvinston
R#2022-0542	Brooke-Alvinston	8068 Petrolia Line, Alvinston
R#2022-0619	Brooke-Alvinston	Northwest of 8919 Conservation Road, Brooke
R#2021-0038	Chatham-Kent	7 Bayview, Mitchell's Bay
R#2021-0765	Chatham-Kent	10256 Base Line, Chatham
R#2022-0059	Chatham-Kent	Corner of Dover Centre Line & St. Clair Road, Dover
R#2022-0062	Chatham-Kent	7005 Dufferin Ave, Wallaceburg
R#2022-0122	Chatham-Kent	6006-6014 Dufferin Ave, Chatham
R#2022-0197	Chatham-Kent	24919 Kent Bridge Road, Dresden
R#2022-0204	Chatham-Kent	10053 Pioneer Line (adjacent property), Chatham
R#2022-0266	Chatham-Kent	1057 James Street, Wallaceburg
R#2022-0325	Chatham-Kent	384 Metcalfe Street, Dresden
R#2022-0386	Chatham-Kent	327 Queen Street, Wallaceburg
R#2022-0411	Chatham-Kent	5756 Bluewater Line, Wallaceburg
R#2022-0425	Chatham-Kent	541 James Street, Wallaceburg
R#2022-0430	Chatham-Kent	25624 Winterline Road, Grande Pointe
R#2022-0461	Chatham-Kent	333 James Street, Wallaceburg
R#2022-0519	Chatham-Kent	30737 Tower Road (lot southwest), Zone
R#2022-0522	Chatham-Kent	30649 Zone Road 2, Thamesville
R#2022-0535	Chatham-Kent	3325 LaSalle Line, Petrolia
R#2022-0565	Chatham-Kent	7836 Angler Line, Dover Centre
R#2022-0595	Chatham-Kent	424 Brock Street, Dresden
R#2022-0597	Chatham-Kent	36 Henson Street (Rolling Acres), Dresden
R#2022-0617	Chatham-Kent	431 Wallace Street, Wallaceburg
R#2022-0622	Chatham-Kent	12024 Splinter Line (lot beside), Thamesville
R#2022-0640	Chatham-Kent	28 Henson Street (Rolling Acres), Dresden
R#2022-0155	Dawn-Euphemia	Smith Falls Road (NE of 1464), Dawn-Euphemia
R#2022-0207	Dawn-Euphemia	Smith Falls Road (NE of 1464), Dawn Euphemia
R#2022-0538	Dawn-Euphemia	4431 Edys Mills Line, Oil Springs
R#2022-0557	Dawn-Euphemia	1692 Smith Falls Road (lot across), Bothwell
R#2022-0277	Enniskillen	4416 South Plank Line, Oil Springs
R#2022-0563	Enniskillen	3849 Caroline Street (lot beside), Petrolia
R#2022-0592	Enniskillen	Rokeby Line, Enniskillen

R#2021-0165	Lambton Shores	4984 Hilltop Road
R#2021-0671	Lambton Shores	6897 Clemens Line
R#2021-0767	Lambton Shores	6466 West Parkway Drive, Ipperwash
R#2021-0800	Lambton Shores	6502 West Parkway Drive
R#2022-0004	Lambton Shores	5445 Lake Valley Grove Road
R#2022-0076	Lambton Shores	5424 Oak Avenue, Lambton Shores
R#2022-0092	Lambton Shores	5165 Cedar Point Line
R#2022-0121	Lambton Shores	9385 Ipperwash Road, Bosanquet
R#2022-0231	Lambton Shores	5456 Huron View Ave (adjacent property), Lambton Shores
R#2022-0343	Lambton Shores	5429 Lake Valley Grove Road (empty lot west of property), Lambton Shores
R#2022-0446	Lambton Shores	9507 Ipperwash Rd
R#2022-0466	Lambton Shores	5498 Beach Street, Lambton Shores
R#2022-0508	Lambton Shores	7606 Townsend Line, Lambton Shores
R#2022-0528	Lambton Shores	5262 Cliff Road, Lambton Shores
R#2022-0554	Lambton Shores	6485 West Parkway Drive, Lambton Shores
R#2022-0560	Lambton Shores	9723 West Parkway Drive, Lambton Shores
R#2022-0069	Middlesex Centre	9753 Gold Creek Drive, Komoka
R#2022-0275	Middlesex Centre	9590 Ilderton Road, Ilderton
R#2022-0438	Middlesex Centre	10651 Ilderton Road, Ilderton
R#2022-0637	Middlesex Centre	5171 Egremont Drive, Ilderton
R#2022-0348	Petrolia	4253 Lancey Street (empty lot east of), Petrolia
R#2020-0556	Plympton-Wyoming	7988 Norma Ave
R#2021-0600	Plympton-Wyoming	3446 Egremont Road, Plympton Wyoming
R#2021-0787	Plympton-Wyoming	3865 Ferne Ave, Camlachie, Plympton-Wyoming
R#2022-0489	Plympton-Wyoming	6731 Augusta Street , Camlachie
R#2022-0492	Plympton-Wyoming	3464 Queen Street (lot behind), Camlachie
R#2022-0527	Plympton-Wyoming	4195 Aberarder Line
R#2022-0529	Plympton-Wyoming	8 lots, Augusta Street
R#2022-0541	Plympton-Wyoming	7133 Muskoka Trail, Camlachie
R#2022-0564	Plympton-Wyoming	Near 4818 Fisher Beach Rd
R#2022-0572	Plympton-Wyoming	3140 Egremont Road, Camlachie
R#2022-0590	Plympton-Wyoming	4930 Lakeshore Road, Plympto-Wyoming
R#2022-0601	Plympton-Wyoming	6150 Camlachie Road, Camlachie
R#2022-0603	Plympton-Wyoming	3148 Douglas Line, Camlachie

R#2022-0609	Plympton-Wyoming	3692 Beverly Glen Drive, Camlachie
R#2022-0401	Point Edward	513 St. Clair Street, Point Edward
R#2022-0559	Point Edward	201 Louisa Street, Point Edward
R#2020-0734	Sarnia	1407 London Road
R#2021-0517	Sarnia	2277 Goldie Lane
R#2021-0563	Sarnia	1460 Lakeshore Road, Sarnia
R#2022-0190	Sarnia	6063 Blackwell Road, Sarnia
R#2022-0248	Sarnia	1616 Lakeshore Road, Sarnia
R#2022-0344	Sarnia	2168 Huron Shores Drive (lot beside), Sarnia
R#2022-0354	Sarnia	5886 Blackwell Sideroad, Sarnia
R#2022-0378	Sarnia	2116 Yonge Street, Bright's Grove
R#2022-0416	Sarnia	1624 Holden Drive, Sarnia
R#2022-0488	Sarnia	1010 Plank Road, Sarnia
R#2022-0499	Sarnia	1840 London Line, Sarnia
R#2022-0507	Sarnia	1832 Vidal Street South
R#2022-0517	Sarnia	1949 Michigan Line, Sarnia
R#2022-0526	Sarnia	1109 O'Rae Ave, Sarnia
R#2022-0533	Sarnia	1578 London Line, Sarnia
R#2022-0589	Sarnia	2098 Michigan Line, Sarnia
R#2022-0598	Sarnia	1892 Lakeshore Road, Sarnia
R#2022-0600	Sarnia	5864 Blackwell Sideroad, Sarnia
R#2022-0606	Sarnia	260, 264, & 276 Strathis Blvd, Sarnia
R#2022-0613	Sarnia	1627 London Line, Sarnia
R#2022-0616	Sarnia	5864 Blackwell Sideroad, Sarnia
R#2022-0184	Southwest Middlesex	3598 Calvert Drive, Glencoe
R#2022-0196	Southwest Middlesex	22726 Hagerty Road, Newbury
R#2022-0265	Southwest Middlesex	22933 Melbourne Road, Melbourne
R#2022-0639	Southwest Middlesex	Various
R#2021-0436	St. Clair	2000 Courtright Line, Brigden
R#2021-0784	St. Clair	498 Brigden Road
R#2022-0086	St. Clair	427 Pointe Line
R#2022-0175	St. Clair	1203 Pretty Road, Sombra
R#2022-0229	St. Clair	2594 Bickford Line (adjacent property), Brigden
R#2022-0294	St. Clair	380 Bayhill Drive, Corunna

R#2022-0486	St. Clair	4327 Brigden Sideroad, St. Clair
R#2022-0501	St. Clair	1343 Moore Line, Moorestown
R#2022-0502	St. Clair	378 Bayhill Drive, Corunna
R#2022-0545	St. Clair	376 Bayhill Drive, Corunna
R#2022-0549	St. Clair	1248 St. Clair Parkway, Mooretown
R#2022-0568	St. Clair	891 Kimball Road, Wallaceburg
R#2022-0621	St. Clair	2222 Oil Springs Line, Bridgen
R#2022-0629	St. Clair	897 Grant Road, Wallaceburg
R#2020-0475	Strathroy-Caradoc	32 Kemp Crescent, Strathroy
R#2021-0421	Strathroy-Caradoc	6631 Century Drive
R#2021-0709	Strathroy-Caradoc	355 Metcalfe Street
R#2022-0187	Strathroy-Caradoc	77 Douce Street, Strathroy
R#2022-0191	Strathroy-Caradoc	8440 Pauline Cres, Strathroy
R#2022-0400	Strathroy-Caradoc	25 Parkview Drive, Strathroy
R#2022-0423	Strathroy-Caradoc	112 Metcalfe Street East, Strathroy
R#2022-0424	Strathroy-Caradoc	7115 Inadale Drive, Strathroy
R#2022-0440	Strathroy-Caradoc	7404 Glendon Drive, Melbourne
R#2022-0467	Strathroy-Caradoc	16 Milliner Street, Strathroy
R#2022-0491	Strathroy-Caradoc	74 Maitland Terrace, Strathroy
R#2022-0543	Strathroy-Caradoc	264 Riverview Drive, Strathroy
R#2022-0546	Strathroy-Caradoc	28 Concord Street, Strathroy
R#2022-0556	Strathroy-Caradoc	6 McNeil Street, Mt. Brydges
R#2022-0567	Strathroy-Caradoc	623 Saulsbury Street, Strathroy
R#2022-0594	Strathroy-Caradoc	245 Riverview Drive, Strathroy
R#2022-0596	Strathroy-Caradoc	243 Riverview Drive, Strathroy
R#2022-0623	Strathroy-Caradoc	23792 Adelaide Road, Mount Brydges
R#2022-0627	Strathroy-Caradoc	97 Kittridge Ave East, Strathroy
R#2021-0845	Warwick	7192 Confederation Line
R#2022-0027	Warwick	6190 George Street, Warwick
R#2022-0223	Warwick	7023 Egremont Rd
R#2022-0247	Warwick	7047 London Line, Warwick
R#2022-0477	Warwick	Confederation Line West of 7793
Total Regulations Inquiries: 139		

Regulations - DART Completed Files

File Reference	Municipality	Drain / Watercourse
R#2022-0626	Brooke-Alvinston	Cook Drain
R#2022-0631	Brooke-Alvinston	Bass Drain
R#2022-0634	Brooke-Alvinston	Stewart Douglas Drain
R#2022-0635	Brooke-Alvinston	Courtright Drain (East and West)
R#2022-0523	Enniskillen	Omerod McBride Drain
R#2022-0551	Enniskillen	McMurphy Drain
R#2022-0576	Sarnia	Luckins Drain West
R#2022-0577	Sarnia	Johnston Drain
R#2022-0578	Sarnia	Waddell Creek
Total DART Permits Issued: 9		

Regulations Permits - Drains

File Reference	Municipality	Drain / Watercourse
R#2022-0263	St. Clair	Sterling Drain
Total Drain Permits: 1		

Meeting Date: November 10, 2022 **Item 7.1 (e)**
Report Date: October 14, 2022
Submitted by: Sarah Hodgkiss, Meagan Weber, Rashida Naznin

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 August 1 to September 30, 2022.

Municipal Plan Input and Review			
File Reference	Location	Municipality	Municipal File
PL#2022-0113	6791 Falconbridge Dr (lot west)	Adelaide-Metcalf	
PL#2022-0010	6334 & 6336 Petrolia Line	Brooke-Alvinston	B-003/22
PL#2022-0106	0 Broadway Street	Brooke-Alvinston	
PL#2022-0012	7048 Baseline Road	Chatham-Kent	OPA No. 68 B-07/22 A-05/22
PL#2022-0016	140 Water Street	Chatham-Kent	
PL#2022-0073	Glasgow Line	Chatham-Kent	
PL#2022-0097	207 Wall Street	Chatham-Kent	
PL#2022-0103	30425 Zone Road 5	Chatham-Kent	B-94-22
PL#2022-0107	557 Camden Street	Chatham-Kent	A-63/22
EA#2022-0008	325 Mcreary Line	Chatham-Kent	
PL#2021-0138	6225 Bilton Line	Dawn-Euphemia	B004-22
PL#2022-0114	4722 Courtright Line (lot 17 & 18)	Enniskillen	
PL#2021-0017	113 Clyde St	Lambton Shores	
PL#2021-0137	5188 Cedar Point Line	Lambton Shores	
PL#2022-0088	7414 Townsend Line	Lambton Shores	Z14-2022 B-14/2022
PL#2018-042	Part Lot 8, Concession 8	Middlesex Centre	OPA 52 ZBA-17-2020 39T-MC2003
PL#2019-008	Timberwalk Trail	Middlesex Centre	ZBA 03 2019 39T- MC1901
PL#2019-080	10283 Ilderton Road	Middlesex Centre	OPA 51 ZBA-16-2020 39T-MC2002

PL#2020-0077	Ilderton Road and Bowling Green	Middlesex Centre	39T-MC1701
PL#2021-0113	22603-22669 Vanneck Road	Middlesex Centre	
PL#2021-0136	Hyde Park and Ilderton Road	Middlesex Centre	
PL#2022-0120	10067 Ilderton Road	Middlesex Centre	
PL#2021-0028	4055 Oil Heritage Road	Petrolia	
PL#2021-0093	4035 Edward Street	Petrolia	OPA 5 BL 9-2021 & BL 10-2021
PL#2022-0009	4472 North Street	Petrolia	
PL#2022-0034	S of Discovery Line	Petrolia	
PL#2018-109	North of 6810 King Street	Plympton-Wyoming	38T-20001
PL#2018-022	Queen Street	Plympton-Wyoming	ZBA 51-2018 38T-18004 B01-2018, B01-2020
PL#2018-116	3790 Lakeshore Road	Plympton-Wyoming	38C-21005
PL#2020-0007	4135 London Line/5655 Kerrigan Road	Plympton-Wyoming	
PL#2020-0043	Lakeshore and Flemming Road	Plympton-Wyoming	38T-08005
PL#2020-0074	Bonnie Doone Road & Queen Street	Plympton-Wyoming	
PL#2020-0086	3096 Lakeshore Road	Plympton-Wyoming	
PL#2021-0081	Lot 16 Con Front, King St	Plympton-Wyoming	
PL#2021-0088	5894 Douglas Line	Plympton-Wyoming	ZO-13/2022
PL#2021-0101	4348 London Line	Plympton-Wyoming	
PL#2021-0118	3890 Ferne Ave	Plympton-Wyoming	A-02/22
PL#2022-0069	5873 Oil Heritage Road	Plympton-Wyoming	
PL#2022-0083	4890 Forsyth Trail	Plympton-Wyoming	
PL#2022-0091	3548 Queen Street	Plympton-Wyoming	A-07/22
PL#2022-0110	5706 Lakeshore Road, also off of Hillsboro Road	Plympton-Wyoming	
PL#2019-115	1600 Venetian Blvd	Point Edward	
PL#2021-0134	North of Exmouth	Point Edward	
PL#2018-072	1873 London Line	Sarnia	OPA 18 ZBA10-2019 SD2-2019
PL#2020-0015	1597 London Line	Sarnia	

PL#2020-0023	2212 London Line	Sarnia	ZBA 15-2020-85 of 2002
PL#2020-0035	L'Heritage Drive	Sarnia	OPA#22 ZBA 4-2020-85 of 2002
PL#2021-0050	Pamela Court	Sarnia	OPA #39, OPA #45 No. 7-2022-85 of 2022
PL#2022-0096	1627 London Line	Sarnia	
PL#2022-0098	1182 Plank Road	Sarnia	
PL#2022-0099	1555 Blackwell Road	Sarnia	PRE-31-2022
PL#2022-0102	584 Lakeshore Road	Sarnia	B33/2022
PL#2022-0104	1378 Lakeshore Road	Sarnia	B26/2022 B30/2022 A42/2022
PL#2022-0112	145-151 Mitton St. South	Sarnia	PRE-35-2022
PL#2022-0115	6447 & 6429 Brigden Road	Sarnia	
PL#2022-0117	1407 London Line	Sarnia	
PL#2021-0082	N of Wellington Street	Southwest Middlesex	
PL#2021-0031	2332 Kimball Road	St. Clair	R-08-22 B-03-21, B-09-22
PL#2021-0037	Lot 27, Con 10	St. Clair	
PL#2022-0027	4737 Old River Road	St. Clair	B-05-22
PL#2022-0074	953 Brigden Road	St. Clair	B-14-22
PL#2022-0084	Boswell Street and Melwood Drive	St. Clair	
PL#2022-0089	1595 Third Street	St. Clair	R-06-2022
PL#2022-0090	2801 St. Clair Parkway	St. Clair	R-01-2022 B-10-22
PL#2022-0101	3069 St. Clair Parkway	St. Clair	A-36-22
PL#2022-0109	St. Clair Blvd. & Lexington Blvd.	St. Clair	
PL#2020-0058	244 Second Street	Strathroy-Caradoc	
PL#2021-0064	137 Frank Street	Strathroy-Caradoc	
PL#2022-0032	705 & 707 Wright St.	Strathroy-Caradoc	
PL#2022-0041	Saulsbury St, Part Lot 20, Part 5, Con 4, SER	Strathroy-Caradoc	39T-SC1601
PL#2022-0108	45 Zimmerman Street South	Strathroy-Caradoc	
PL#2022-0116	79 Hull Road	Strathroy-Caradoc	
PL#2020-0033	8177 Zion Line	Warwick	52 23-2020

Total Plan Review Items: 73

Environmental Assessments

File Reference	Location	Municipality
EA#2022-0007	700 Christina Street North (Sarnia Jail)	Sarnia
EA#2022-0002	Line between Lambton + Chatham	St. Clair
EA#2021-002	8119 Zion Line	Warwick

Total Environmental Assessments: 3

Legal Inquiries

File Reference	Location	Municipality
LL#2022-0034	24275 Kent Bridge Road, Camden	Chatham-Kent
LL#2022-0033	1649 Inwood Road, Inwood	Dawn-Euphemia
LL#2022-0013	Modeland Road	Sarnia
LL#2022-0035	511 Sandstone Street, Corunna	St. Clair
LL#2022-0036	780 Wright Street, Strathroy	Strathroy-Caradoc

Total Legal Inquiries: 5

Prepared By: Chunning Li
 October 14, 2022
 DRAFT

ST CLAIR REGION CONSERVATION AUTHORITY
 Statement of Revenue and Expenditure
 As at September 30, 2022

	Actual To Date			Annual Budget Prorated		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$541,749	\$280,799	\$260,950	\$400,988	\$400,988	\$140,761	(\$120,188)
Capital Projects/WECI	\$3,806,052	\$3,482,059	\$323,993	\$2,663,700	\$2,663,700	\$1,142,352	\$818,359
Conservation Area's Capital Development	\$0	\$14,909	(\$14,909)	\$75,000	\$75,000	(\$75,000)	(\$60,091)
IT Capital	\$29,215	\$0	\$29,215	\$14,400	\$14,400	\$14,815	(\$14,400)
Equipment	\$23,400	\$17,401	\$5,999	\$54,000	\$54,000	(\$30,600)	(\$36,599)
Planning & Regulations	\$766,605	\$488,721	\$277,884	\$613,507	\$613,507	\$153,098	(\$124,786)
Technical Studies	\$778,714	\$198,342	\$580,372	\$236,947	\$236,947	\$541,767	(\$38,605)
Recreation	\$1,834,915	\$1,350,043	\$484,872	\$1,135,477	\$1,135,477	\$699,438	\$214,566
Property Management	\$181,404	\$199,445	(\$18,040)	\$234,365	\$234,365	(\$52,960)	(\$34,920)
Education	\$27,594	\$102,240	(\$74,646)	\$129,398	\$129,398	(\$101,804)	(\$27,157)
Communication	\$90,000	\$80,314	\$9,686	\$67,500	\$67,500	\$22,500	\$12,814
Source Water Protection	\$340,594	\$120,386	\$220,209	\$169,935	\$169,935	\$170,659	(\$49,549)
Conservation Services/Healthy Watersheds	\$1,176,903	\$721,762	\$455,141	\$619,507	\$619,507	\$557,396	\$102,255
Administration/AOC Management	\$1,100,664	\$620,320	\$480,344	\$782,725	\$782,725	\$317,938	(\$162,406)
	\$10,697,809	\$7,676,740	\$3,021,069	\$7,197,447	\$7,197,447	\$3,500,362	\$479,293

Notes:

1. Municipal matching, non-matching, and Recreation levies have been invoiced and are recorded in the actual revenue reported above. See General Levy Report for amounts outstanding.
2. The significant variances from budget to actual is reflective of the nature/timing and uniqueness of the particular projects. The variances will reduce and disappear as the year progresses.
3. Budget for the year is divided by 12 and multiplied by the number of months in the reporting period, this does not reflect the seasonality of the nature/ timing of projects



ST. CLAIR REGION CONSERVATION AUTHORITY

Kate Jamieson

Cheques issued September 2022

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
122676	9/8/2022	Van Gorp Constuction Inc	Coldstream boardwalk	11,629.34
122685	9/14/2022	K T Excavating	Parking lot	13,842.50
122697	9/14/2022	Van Bree Drainage And Bulldozi	Old Lakeshore Road shoreline	378,989.35
122704	9/30/2022	GSS Engineering consultants Ltd.	Coldstream Dam decommission	26,071.36
122705	9/30/2022	Hortico Inc.	Tree purchase	5,075.96
TOTAL CHEQUE DISBURSEMENTS - BANK #1 -				\$ 435,608.51

Internet banking payments for September 2022

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
10159	9/30/2022	HYDRO ONE Networks Inc.	Hydro	\$ 31,740.53
10160	9/30/2022	Libro Credit Union - Visa	Employee expenses	\$ 7,882.36
10161	9/30/2022	OMERS	Employee pension	\$ 56,362.30
10162	9/30/2022	ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$ 12,109.20
10163	9/30/2022	PETRO CANADA INC.	Fuel for vehicles	\$ 6,098.50
10164	9/30/2022	RECEIVER GENERAL	Payroll source deductions	\$ 93,193.42
10166	9/30/2022	RWAM Insurance Administrators Inc	Employee group benefits	\$ 14,503.58
10171	9/30/2022	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 9,643.91
TOTAL INTERNET DISBURSEMENTS - BANK #1 -				\$ 231,533.80

PAYROLL RUNS

PAYROLL NO. 18	\$	89,533.89
PAYROLL NO. 19	\$	85,997.52
PAYROLL NO. 20	\$	79,945.96

\$ 255,477.37**TOTAL PAYROLL RUNS -****TOTAL DISBURSEMENTS -****\$922,619.68**



2022 GENERAL LEVY SUMMARY

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
Sarnia	\$ 514,960.00	\$ 514,960.00	\$ \$ -
Chatham-Kent	\$ 178,963.00	\$ 178,963.00	\$ -
Brooke-Alvinston Twp.	\$ 24,223.00	\$ 24,223.00	\$ -
Dawn Euphemia Twp.	\$ 36,893.00	\$ 27,669.75	\$ 9,223.25
Enniskillen Twp.	\$ 26,936.00	\$ 26,936.00	\$ -
Lambton Shores M.	\$ 69,138.00	\$ 69,138.00	\$ -
Oil Springs V	\$ 2,728.00	\$ 2,728.00	\$ -
Petrolia T	\$ 35,629.00	\$ 35,629.00	\$ -
Plympton-Wyoming T	\$ 75,926.00	\$ -	\$ 75,926.00
Point Edward V	\$ 29,746.00	\$ 29,746.00	\$ -
St. Clair Twp.	\$ 155,162.00	\$ 155,162.00	\$ -
Warwick Twp.	\$ 31,323.00	\$ 31,323.00	\$ -
Adelaide Metcalfe Twp.	\$ 26,214.00	\$ 26,214.00	\$ -
Middlesex Centre Twp.	\$ 31,069.00	\$ 31,069.00	\$ -
Newbury V	\$ 2,120.00	\$ 2,120.00	\$ -
Southwest Middlesex M.	\$ 16,134.00	\$ 16,134.00	\$ -
Strathroy-Caradoc M.	\$ 121,350.00	\$ 121,350.00	\$ -
TOTAL	\$ 1,378,514.00	\$ 1,293,364.75	\$ 85,149.25

Item 7.1 (i)

Non-registered account #440-17189-13

September 30, 2022

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05612

ST. CLAIR REGION
CONSERVATION AUTHORITY
205 MILL POND CRESCENT
STRATHROY ON N7G 3P9



Your Investment Report

Account Summary

This table provides an overview of your account; including the opening and closing balance for the reporting period.

Your Investments	Opening Value Sep 1, 2022	Closing Value Sep 30, 2022	Balance on Sep 30, 2022 (CAD\$)
Canadian Dollar Investments			
Cash Account	1,539,352.64	1,539,412.19	1,539,412.19
	1,539,352.64	1,539,412.19	1,539,412.19
Grand Total (CAD\$)			1,539,412.19
		Last Statement Aug 31, 2022	1,539,352.64

You can access up-to-date account information online through BMO Nesbitt Burns Gateway at: www.gateway.bmonesbitburns.com. To register for Gateway, please contact your Investment Advisor.

We're here to help

We're dedicated to helping you succeed in meeting all of your wealth management goals. Call any member of our team referenced below if you have questions about **Your Investment Report**.

FLICK/BATCH#4
Investment Advisor
519-646-1180

Batch Flick Wealth Management
www.batchflick.com
Assistant: Patricia Daer
Patricia.Daer@nbpcd.com

ADAM D'SILVA
BMO Private Wealth Market Leader
(519) 672-8560

Suite 1900
One London Place
255 Queens Avenue
London, ON N6A 5R8



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Organization of Canada

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Non-registered account #440-17189-13

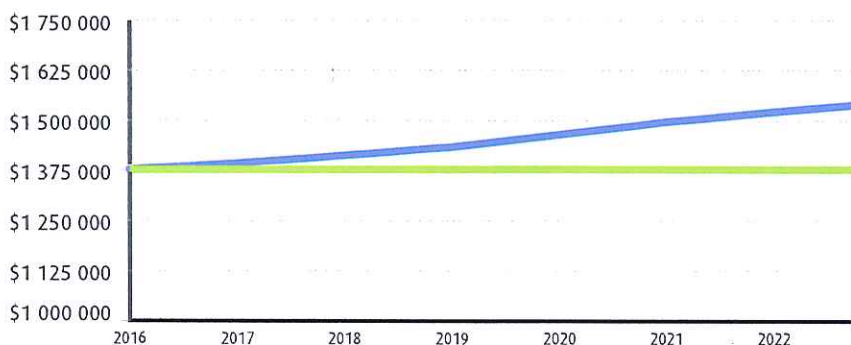
September 30, 2022

► Changes to your account

This table provides a summary of the change in value of your account, including all deposits, withdrawals and the change in market value of your investments, for both the current year and as of the start of reporting. Where applicable, balances have been converted to Canadian dollars, see page 1 for exchange rates.

	This Year (2022)	Since January 1, 2016
Opening Value	1,523,033.80	1,379,179.68
Deposited	+ 0.00	+ 0.00
Withdrawn	- 0.00	- 0.00
Net Invested	= 0.00	= 0.00
Change In Market Value	+ 16,378.39	+ 160,232.51*
Closing Value on Sep 30, 2022	1,539,412.19	1,539,412.19

Net Invested is the value of total deposits less the value of total withdrawals.






MARKET VALUE
NET INVESTED

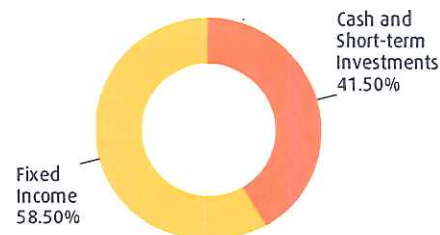
The Change in Market Value of your account since January 1, 2016 is **\$160,232.51**.

This includes gains, losses and income received with respect to the investments held in your account.

► Summary of your investments in Canadian dollars

Your Investor Profile

Investment Objective	Income		
Time Horizon	10 yrs and more		
Investment Category	Amount	Target %	Holdings %
 Cash and Short-term Investments	639,412.19	10.00	41.50
 Fixed Income	900,000.00	90.00	58.50
 Equities	0.00	0.00	0.00
Total	1,539,412.19		100.00



Investments held in your account have been chosen based on objectives you selected on the Client Account Agreement. As your circumstances change, it is important to talk to your Investment Advisor about updating these objectives.

Non-registered account #440-17189-13

September 30, 2022

Your Canadian Dollar Investments

All amounts are reported in Canadian Dollars.

Income you received

Type of Income	Current Month	Year to Date
Interest	0.00	16,170.60
Total	0.00	16,170.60

Under **Income you received**, amounts reported as dividends do not include income from ETFs, REITs and funds even though these transactions are reported as dividends under **Account activity for this month**.

Your investment details

	Quantity	Per Unit	Cost		Market Value on September 30, 2022	
			Total	Per Unit	Total	Per Unit
Cash Account						
Cash and Short-term Investments						
CASH			8,191.46		8,191.46	
BANK OF MONTREAL CAD HISA SERIES A (101) - BMT101	31,220.730	1.000	31,220.73	1.000	31,220.73	
LBC TRUST GIC ANNUAL DUE 01/20/2023 2.220%	100,000	100.000	100,000.00	100.000	100,000.00	
EQUITABLE TRUST GIC ANNUAL DUE 01/23/2023 1.160%	100,000	100.000	100,000.00	100.000	100,000.00	
HOMEQUITY BANK GIC ANNUAL DUE 05/25/2023 1.080%	100,000	100.000	100,000.00	100.000	100,000.00	
BANK OF MONTREAL GIC ANNUAL DUE 05/29/2023 3.250%	100,000	100.000	100,000.00	100.000	100,000.00	
CONCENTRA BANK GIC ANNUAL DUE 06/23/2023 1.320%	100,000	100.000	100,000.00	100.000	100,000.00	
EFFORT TRUST GIC ANNUAL DUE 06/29/2023 3.950%	100,000	100.000	100,000.00	100.000	100,000.00	
Subtotal			639,412.19		639,412.19	
Fixed Income						
Fixed Income						
PEOPLES TRUST GIC ANNUAL DUE 10/10/2023 1.200%	100,000	100.000	100,000.00	100.000	100,000.00	

Non-registered account #440-17189-13

September 30, 2022

Your Canadian Dollar Investments (continued)

All amounts are reported in Canadian Dollars.

▶ Your investment details (continued)

	Quantity	Cost		Market Value on September 30, 2022	
		Per Unit	Total	Per Unit	Total
CANADIAN WESTERN BANK GIC ANNUAL DUE 11/06/2023 0.990%	100,000	100.000	100,000.00	100.000	100,000.00
LAURENTIAN BANK GIC ANNUAL DUE 11/28/2023 2.240%	100,000	100.000	100,000.00	100.000	100,000.00
HAVENTREE BANK GIC ANNUAL DUE 05/27/2024 3.950%	100,000	100.000	100,000.00	100.000	100,000.00
B2B BANK GIC ANNUAL DUE 06/24/2024 1.400%	100,000	100.000	100,000.00	100.000	100,000.00
FAIRSTONE BANK GIC ANNUAL DUE 07/02/2024 4.370%	100,000	100.000	100,000.00	100.000	100,000.00
RFA BANK OF CANADA GIC ANNUAL DUE 08/30/2024 1.500%	100,000	100.000	100,000.00	100.000	100,000.00
HOME TRUST COMPANY GIC ANNUAL DUE 05/27/2025 4.020%	100,000	100.000	100,000.00	100.000	100,000.00
ICICI BANK GIC ANNUAL DUE 06/30/2025 4.430%	100,000	100.000	100,000.00	100.000	100,000.00
Fixed Income Subtotal			900,000.00		900,000.00
Subtotal			900,000.00		900,000.00
Total for Cash Account			1,539,412.19		1,539,412.19
Total Canadian Dollar Investments			1,539,412.19		1,539,412.19

Average cost and market price indicator descriptions can be found in "Important information about your account".

Non-registered account #440-17189-13

September 30, 2022

▶ Account activity for this month

Date	Activity	Description	Quantity	Unit Price	Commission	Amount
Cash Account						
Sep 1, 2022		Opening Cash Balance				8,191.46
Sep 1, 2022	Interest	1000THS BANK OF MONTREAL CAD HISA SERIES A (101) AS OF 08/31/22 REINVESTED @ \$1.00	550		0.00	0.00
Sep 1, 2022	Interest	BANK OF MONTREAL CAD HISA SERIES A (101) AS OF 08/31/22 REINVESTED @ \$1.00	59		0.00	0.00
<hr/>						
Sep 30, 2022		Closing Cash Balance				8,191.46

This report includes activity recorded in your account since your last statement. For a more comprehensive listing of your account activity, sign into your BMO Nesbitt Burns Gateway account.



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Non-registered account #440-17189-13

September 30, 2022

Your Year-to-Date Fees Summary

▶ Fees you paid

This section summarizes all compensation received by BMO Nesbitt Burns with respect to your account. Our compensation comes from two sources: what we charge you directly (Operating and Transaction charges), and payments we receive from third parties.

	CAD (\$)
Operating charges	
Total operating charges	0.00
Transaction charges	
Total transaction charges	0.00
Total fees you paid in 2022	0.00

See examples of operating charges in "Important Information about your Account". Some fees and charges may be reported as before-tax amounts and applicable tax is reported separately within the 'Sales Tax' line item. Where this is not possible the sales tax is included within the line item.

▶ Payments BMO received from third parties

	CAD (\$)
GIC Commission	3,001.37
Trailing Commission	37.86
Total payments BMO Nesbitt Burns received from third parties in 2022	3,039.23

We received trailing commissions with respect to securities you owned during the reporting period.

Investment funds pay the investment fund managers a management fee for managing their funds. In turn, the investment managers pay us ongoing trailing commissions for the advice and services we provide to you. The amount of the trailing commission depends on the sales charge option under which you purchased your mutual fund. You are not directly charged a trailing commission or management fee; however, these fees will reduce the fund's overall investment return to you. Information about management fees and other charges to your investment funds is included in the applicable fund facts document.

▶ Bulletin board

The USD/CAD conversion rate is: 1.3813, as of September 30, 2022

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 SWSTM11000_7449304_001 E D 02060 

Account Number: **460-16010**
 Account Type: Regular Account
 For the Period: **September 1 to 30, 2022**
 Last Statement: August 31, 2022

ST. CLAIR REGION CONSERVATION
 AUTHORITY
 205 MILL POND CRES
 STRATHROY ON N7G 3P9

Address Information
 255 Queens Avenue
 Suite 900
 London ON
 N6A 5R8



Phone: (519) 679-9490
 Website: www.scotiawealthmanagement.com
 Branch Manager: Christie Nicolacopoulos




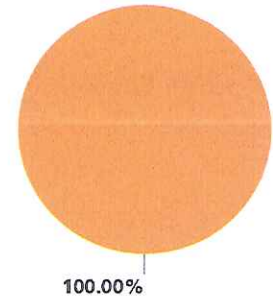
Your Wealth Advisor
 Craig Emptage (519) 660-3259
craig.emptage@scotiawealth.com

Your Investment Team
 Michael Willemse (519) 660-3268
 Tammy Jackson (519) 660-3215
 Yousef Nassereddine (519) 660-3224

CANADIAN Account Overview

Currency: Canadian Dollar

Asset Class Summary	Sep. 30, 2022 Market Value	% of Total Assets
 Fixed Income	713,185	100.00
Total Value of Account	\$713,185	100.00
Total Value on Last Statement, August 31, 2022	\$731,527	



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Details of Your Account Holdings

Type	Security Description	Quantity	Average Cost	Adjusted Book Value	Market Price	Market Value
Fixed Income						
CASH	CI CDN BD CORP CL EF (15137)	23,944.542	10.304	246,748	9.242	221,295
CASH	MACKENZIE GLOBAL TACTICAL BOND FUND SR GF (7359)	6,311.792	9.998	63,107	9.515	60,057
CASH	MANULIFE STRATEGIC INCOME FUND CL F NL (659)	17,978.841	12.303	221,211	10.622	190,971
CASH	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505)	19,702.396	14.279	281,340	12.225	240,862
Total Fixed Income						\$713,185
Total Account Holdings				\$812,406	\$713,185	

The average cost and adjusted book value displayed on this statement incorporates re-invested dividends and/or mutual fund distributions and does not necessarily reflect your original purchase price. Please see Average Cost & Adjusted Book Value in the Statement Notes for more information.

Monthly Activity

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
Opening Cash Balance						
\$0.00						
Sep. 01, 2022	CASH	DIVIDEND	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) REINVEST 08/31/22 @ \$12.6659 PLUS FRACTIONS OF 0.889 BOOK VALUE \$948.54	74		
Sep. 26, 2022	CASH	DIVIDEND	MACKENZIE GLOBAL TACTICAL BOND FUND SR GF (7359) REINVEST 09/23/22 @ \$9.7422 PLUS FRACTIONS OF 0.511 BOOK VALUE \$151.11	15		
Sep. 26, 2022	CASH	DIVIDEND	CI CDN BD CORP CL EF (15137) 09/23/22 @ \$9.3226 PLUS FRACTIONS OF 0.414 BUY MGMT FEE REBATE	1		

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Monthly Activity - continued

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
Closing Cash Balance						\$0.00

Summary

Income Summary		
	This Period	Year-to-Date
Total Income	\$0	\$0



A Note From ScotiaMcLeod

Auditor's Message

Our auditors, KPMG LLP, are presently engaged in the examination of our year-end financial statements. Please compare this statement against your records and advise our auditors of any discrepancies: Shareholders' Auditors, Attention: Lauren Sansalone, KPMG Audit Team, Bay Adelaide Centre, 333 Bay Street - Suite 4600, Toronto, ON, M5H 2S5, Canada, fax at (416) 777-8818 or email: scotiacapitalconfirm@kpmg.ca

Disclosure related to GICs

Interest is calculated daily. Interest on compound GICs is compounded annually on the anniversary date of the GIC. The principal and interest are then paid on the maturity date. For non-compound GICs, issuer will pay interest on the principal at an annual fixed rate and frequency indicated.

Fixed Income assets and your fees

For Fee Based Accounts in PartnershipPlus, iPartner and Pinnacle programs, the Fixed Income asset class includes Guaranteed Investment Certificates & other money market instruments.

Your Personal Investment Profile

The following information reflects your stated investment objectives and risk tolerance for this account, as well as your overall investment knowledge. If you would like to make any changes, have questions about whether or not this is appropriate for you or would like to discuss how your current investments correspond to this profile, please contact your Wealth Advisor.

For more information, please review Guidelines for Investment Objectives and Related Account Risk Factors in the ScotiaMcLeod Relationship Disclosure Document and Terms and Conditions brochure.

Alternatively, please visit https://www.scotiawealthmanagement.com/content/dam/scotiabank/swm/TandC_eng.pdf

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Your Personal Investment Profile - continued

Investment Objectives

Income: 100%
Growth:
Speculative Trading:

Risk Tolerance

Low: 90%
Medium: 10%
High:

Overall Investment Knowledge

Investment Knowledge: Medium

Time Horizon

Long Term: 7+ Years

In 2021, \$6,225 was donated to the Foundation by Denning’s to support conservation education and tree planting efforts throughout the watershed. The 2022 donation will be made available in early 2023.



The 2022 ceremonial tree planted at Denning’s Memorial Grove was a tulip tree. Approximately 50 people attended the event.

St. Clair Region Conservation Foundation Memorial Forest Dedication – 2022

After being cancelled in 2020 and 2021 because of the COVID-19 pandemic, the 2022 Foundation Memorial Forest dedication service was held in-person on Sunday, September 25th at the Lorne C. Henderson Conservation Area in Petrolia. Duncan Skinner, President of the Foundation and Mike Stark, Chair of the Authority spoke to the over 100 people who attended the service. Between September 2021 and August 2022, 133 trees were dedicated through individual donations to the program. To date, a total of 2,428 trees have been dedicated through the Foundation’s Memorial Forest Program.



The Henderson, Durance, and Bailey families planted the 2022 ceremonial red oak tree as part of the Foundation’s Memorial Forest Dedication service.

Conservation Awards:

A list of possible conservation award recipients will be brought forward at the Board meeting in December. Board members wishing to nominate any individual or organization should contact

Donna Blue at the SCRCA Administration Office (dblue@scrca.on.ca; (519) 245-3710 Ext. 219).

St. Clair Region Conservation Foundation:

The St. Clair Region Conservation Foundation raises funds to support the work of the Conservation Authority. At the October 13th meeting, the Foundation approved support for the following projects and programs:

- \$70,000 to support Conservation Education.
- \$10,000 to support trail accessibility improvements at the Strathroy Conservation Area.
- \$10,000 to support upgrading three swing sets and associated protective surfacing at the A.W. Campbell and Warwick Conservation Areas.
- \$15,000 to support five intern positions with the Authority in 2023.
- \$2,500 to support the printing and distribution of the Species at Risk (SAR) Newsletter that will be distributed to over 60,000 households in the St. Clair watershed.

Conservation Education Fundraising:

One of the main Authority programs supported by the Foundation is Conservation Education. Efforts are made to secure funds from corporate sponsors, special events, and the BINGO program. Additionally, the Conservation Authority applies for government grants to support the education program. Current efforts include:

St. Clair Region Conservation Foundation:

Sarnia-Lambton Environmental Association (SLEA)/Bluewater Association for Safety, Environment, and Sustainability (BASES)

For over 20 years, the Sarnia-Lambton Environmental Association (SLEA) has provided \$30,000 in funding to sponsor the “River Critters” (JK-Grade 12) and “Go with the Flow” (JK-Grade 8) in-class conservation education programs, allowing the SCRCA to offer these programs free of charge.

Discussions began in 2021 with the new management team at SLEA and the Bluewater Association for Safety, Environment, and Sustainability (BASES) regarding revitalization of the traditional programs. SCRCA staff continue to engage SLEA and BASES in these discussions and will be presenting to the BASES Board of Directors at an upcoming meeting. Staff are hopeful that these discussions will lead to the continued partnership between the SCRCA and SLEA/BASES.

Plains Midstream Canada

The 2022 Spring Water Awareness Program (SWAP) marked the final year in the current agreement with Plain Midstream Canada (PMC) which saw the organization donate \$5,000 annually to support the program and allow it to be offered free of charge. PMC is interested in continuing to sponsor the program. Official approval is expected in the coming months.

Friends of the St. Clair River (FOSCR)

The Friends of the St. Clair River community group has committed \$5,000 towards delivering the “River RAP”, “Phosphorus 101”, and “Watershed 101” education programs to both elementary and secondary school students throughout the 2022-2023 school year.

Canoe Race Donations

The 2022 edition of the Sydenham River Canoe and Kayak Race, which serves as a fundraiser for the SCRCA Conservation Education program brought in \$5,053 through registration fees, donations, and t-shirt sales.

St. Clair Region Conservation Authority:

Department of Fisheries and Oceans Canada (DFO) – Canada Nature Fund for Aquatic Species at Risk

The Department of Fisheries and Oceans Canada (DFO) Canada Nature Fund is providing \$28,000 for the 2022-2023 fiscal year (ending March 31, 2023) towards the delivery of the Aquatic Species at Risk education program and the on-going partnership between the SCRCA and Kettle and Stony Point First Nation in developing Species at Risk education programs that pair western science with Indigenous-based knowledge to students at Hillside Elementary school.

Media and Social Media Analytics:

SCRCA staff circulate notices, media releases, and other communications through local media outlets and social media. The following statistics cover the timeframe from August 1, 2022, to September 30, 2022.

Media Relations

Activity	2022 (August - September)	2021 (August - September)
Media Releases	7	3
News Article Mentions	104	129

Social Media

Facebook

Activity	Total	2022 (August - September)	2021 (August - September)
Post Reach*	--	11,894	17,905
Page Visits	--	706	403

New Likes/Followers	2,371	31	23
Posts	--	45	45

***Post Reach** – The number of people who saw any content from your Page or about your Page, including posts, stories, ads, social information from people who interact with your Page, etc.

Twitter

Activity	Total	2022 (August - September)	2021 (August - September)
Tweets	--	38	58
Retweets	--	44	24
New Followers	881	15	15
Engagements*	--	553	327

* **Engagements** = clicks, retweets, replies, follows, and likes

SCRCA Website

Activity	2022 (August - September)	2021 (August - September)
Website Views	29,729	30,689
Website Visitors	10,545	9,562

Fall Fairs - Agriculture in the Classroom: The St. Clair Education Team was thrilled to be back at the fall fairs this year to teach students and families about our watershed and the importance of conservation. Participants also learned about agricultural best management practices that help both farmers and wildlife.

Forest Fall Fair – September 12th, 2022: ~150 students

Wyoming Fall Fair – September 13th, 2022: ~100 students

Brigden Fall Fair – October 7th, 2022: ~80 students and families

Chatham-Kent and Lambton Children’s Water Festival – October 4th-6th, 2022: After a two-year hiatus, the Children’s Water Festival was once again successfully held over three days at the C.M. Wilson Conservation Area near Chatham. St. Clair Conservation Education staff continue to assist Lower Thames Valley Conservation Authority in organizing and overseeing the festival. Approximately 350 Secondary School students attended as volunteer instructors, running water-themed activities for approximately 2,000 grade 3-5 students from all over Lambton County and the Regional Municipality of Chatham-Kent.

Lambton Wildlife Healing Hike at L.C. Henderson Conservation Area – October 15th, 2022: Education Staff led a two-hour Healing Hike for Lambton Wildlife Inc. Ten people were in attendance. Healing Hikes promote the use of Conservation Areas to relieve stress and improve mental health. Education Staff hope to create more opportunities to engage the watershed community in this way.

Sponsored Education Program Updates:

Bluewater Association for Safety, Environment and Sustainability (BASES)

Programming: Negotiations continue with BASES to provide \$30,000 in funding annually to deliver Conservation Education in-school programming.

Friends of the St. Clair River Programming: FOSCR continues to sponsor two in-school programs (Phosphorus 101 and River RAP) for the 2022-2023 school year. Programs will commence January 2023. Several teachers have already requested bookings.

Plains Midstream Canada - Spring Water Awareness Program: St. Clair Education is hopeful to continue to receive funding for this popular program. Plains Midstream Canada has indicated that there is interest in continuing to sponsor the program. Final approval should occur sometime before November 2022. Programming is planned to occur during the month of April 2023.

Canadian Nature Fund - Year 4:

Land-Based Education Project: The relationship between Conservation Education Staff and Hillside School staff at Kettle and Stony Point First Nation continues to grow. Education staff continue to partner in the development of the school’s Land-Based Education Program. Fall programming will commence November 1st, 2022, running weekly until January 2023. Since

the Canada Nature Fund Grant will be finished in March of 2023, Education Staff are hopeful to acquire additional funding to ensure this valuable partnership can continue.

Aquatic Species at Risk Program – Winter 2023: Canada Nature Fund continues to sponsor this in-school program, allowing Education Staff to deliver locally relevant Species at Risk programming to watershed students. Programming will take place between January and March 2023.

Committee Involvement:

Lambton County Trails Committee: Education Staff continue to be active on this committee, to highlight and promote Conservation Area projects and Special Events to the larger Lambton County community.

Rekindle the Sparks Planning Committee: Serving as Co-Chair, Education Staff continue to provide leadership to this committee. The 2022 Rekindle the Sparks Workshop will be held in-person at Ganaraska Forest Centre on November 16th-18th. This annual conference brings together Conservation Authority Educators from across the province to strengthen networks and enhance Conservation Education.

Arbour Week Committee: The Education Team continues to support the Arbour Week committee. Of upcoming importance, St. Clair Conservation will be delivering tree seedlings to the winning classes of the 2022 Arbour Week Poetry Contest.

2022 – 2027 St. Clair River AOC Workplan

Development of the 2022-2027 Workplan for the St. Clair River Area of Concern is currently underway. It will focus on outlining the key actions that need to be completed over the next five years to be able to redesignate the five remaining Beneficial Use Impairments to a Not Impaired status.

Administration

Funding for the RAP Coordinator position is provided by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) and Environment and Climate Change Canada (ECCC). The current agreement with MECP is in place until February 28, 2024. The agreement with ECCC is in place until March 31, 2023 and has an option to be extended until March 31, 2024. In accordance with the agreements, the SCRCA will be providing periodic updates to MECP and ECCC on the status of the project work and allocation of project funds. An Interim Progress Report for MECP is being prepared for submission by November 1, 2022.

Recent Meetings

Canadian RAP Implementation Committee (CRIC)

- January 20, 2022
- June 23, 2022
- Next Meeting: November 2022

Friends of the St. Clair River (FOSCR)

- February 15, 2022
- May 10, 2022
- September 21, 2022
- Next Meeting: December 2022

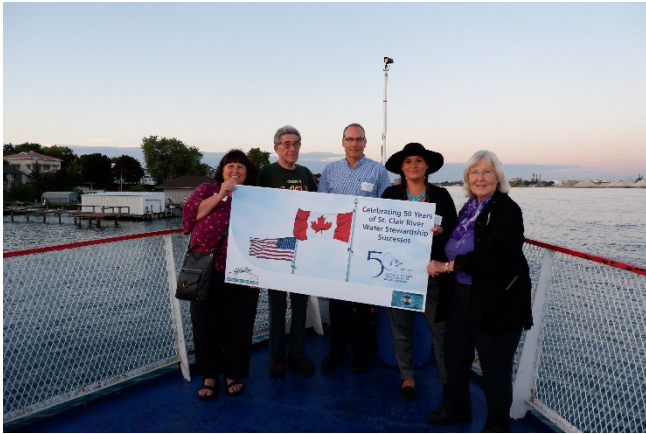
Binational Public Advisory Council (BPAC)

- January 27, 2022
- March 24, 2022
- June 23, 2022
- Next Meeting: November 1, 2022

Outreach and Engagement

Redesignation Event – Members of the BPAC gathered September 13, 2022, aboard the Duc d’Orleans to celebrate four milestones in the restoration of the St. Clair River – the redesignation of four BUIs to Not Impaired on the Canadian side of the River – Fish Tumours or Other Deformities, Bird or Animal Deformities or Reproduction Problems, Restrictions on Dredging Activities, and Beach Closings. The 50th Anniversary of the Great Lakes Water Quality Agreement was also recognized during the celebrations. Due to capacity limitations, the event was by invite only which welcomed those who had been involved in the St. Clair River Area of Concern program. In addition to BPAC members, guests included members from the Canadian Remedial Action Plan Implementation Committee, Friends of the St. Clair River (Canada and U.S.), representatives from provincial and federal agencies, local elected

officials, members of Aamjiwnaang First Nation and Walpole Island First Nation, and American partners. The RAP Coordinator participated in interviews with local media to share updates on the St. Clair River Area of Concern.



The planning committee for St. Clair River Area of Concern celebration event held on the Duc d’Orleans. From left to right: Dr. Susan MacFarlane (BPAC Member); John Timar (BPAC Member), Mike Moroney (St. Clair River RAP Coordinator), Janelle Nahmabin (BPAC Member, Aamjiwnaang First Nation), Kris Lee (Canadian Co-Chair, BPAC).

Community Events – The RAP Office provided support to the Friends of the St. Clair River at the following community events – Sombra Days on July 9, 2022, and Mermaids and Mariners on August 20, 2022. The support provided consisted of equipment and hand-outs for the booth and staffing of the booth. The on-going Fish Consumption Survey was also promoted during the events.

Newsletter - Friends of the 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.

Link to the most recent Newsletter: [October E-Newsletter](#)

