



Board of Directors *Notice of Meeting*

June 23th - ~1:00 p.m., Visitor Services Centre, Lorne C. Henderson C.A..

Tentative Agenda

1. Chair's Remarks
2. Declaration of Pecuniary Interests Minutes
3. Minutes
4. General Manager's Report
 - (i) GM's Report
 - (ii) Conservation Authorities Act review
 - (iii) Draft Succession Plan
 - (iv) Conservation Strategy Discussion Paper
5. Chair & Conservation Ontario Report
 - (i) CO April 11, 2016 minutes
6. Business arising from last meeting
7. Land Management Reports
 - (i) Conservation Lands Update
 - (ii) Trail Conditions and ATV use at Coldstream
8. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) Low Water Response Update
 - (iii) WECI Projects
 - (iv) McKeough Dam Safety Review
9. Biology Reports
 - (i) Healthy Watersheds Program in Lambton Shores
 - (ii) Ontario Trillium Foundation grant
10. Conservation Services Report
 - (i) Spring Tree Planting
 - (ii) Larvicide Program in Lambton County
11. Planning
 - (i) Regulations Report
 - (ii) Monthly Planning Report
 - (iii) Drainage Act and Conservation Authority Act Protocol (DART)
 - (iv) Changes to Administration of the Development Interference with Wetlands And Alterations to Shorelines and Watercourses Regulation
 - (v) AOC Report
 - (vi) West Ipperwash dynamic beach limit assessment

12. Finance Reports
 - (i) Revenue & Expenditure Report to April 30th
 - (ii) April and May Disbursements
 - (iii) 2016 General Levy Update
 - (iv) Investments
 - (v) 2017 Draft Authority Budget
 - (vi) Health & Safety Committee minutes
 - (vii) Office Windows RFQ
13. Communications
 - (i) Memorial Forest Report
 - (ii) Education Report
 - (iii) Scholarship Program Report
14. New Business
15. Adjournment

Please contact Marlene (call 519-245-3710, 1-866-505-3710 or e-mail mdorrestyn@scrca.on.ca) at the Administration Office by June 21st, if you are unable to attend.

7. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the correspondence dated May 7, 2016 regarding ATV activity at the Coldstream Conservation Area and further acknowledges the status report dated June 6, 2016 regarding ATV activities and staff actions at Coldstream.
8. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 on the current watershed conditions and Great Lakes water levels.
8. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 on the Low Water Response conditions.
8. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 8, 2016 on the ongoing Water and Erosion Control Infrastructure projects across the watershed and further acknowledges the project updates on the previously funding projects and projects submitted for 2016-2017 funding.
- 8.(iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016, regarding the McKeough Dam Safety Review and further approves the Chair and General Manager to accept the lowest quotation, subject to the project budget.
9. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 on the Healthy Watersheds Program in Lambton Shores, and endorses staff efforts to engage private landowners in Best Management Practices to improve the surface water quality.
9. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 regarding an Ontario Trillium Foundation grant obtained by the Friends of the St. Clair River for the Authority to undertake aquatic monitoring in the St. Clair River tributaries.
10. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 regarding spring 2016 tree planting on private, corporate and public lands.
10. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 regarding the Authority's agreement with Lambton County to undertake the application of Larvicide to catch basins as part of Lambton County Community Health Services West Nile Virus Program.

11. (i) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the Regulations Committee Reports on *“Development, Interference with Wetlands & Alterations to Shorelines & Watercourses”* Regulations (Ontario Regulation 171/06), dated April 30, 2016 and May 31, 2016.
11. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the St. Clair Region Conservation Authority’s monthly Planning Activity Summary Reports for April and May 2016.
11. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated June 8, 2016 on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities and drain Letters of Review for April and to date June 2016.
11. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report, June 10, 2016 regarding changes to the Administration of the “Development Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation” while Awaiting Court of Appeal Decision on the Gilmor Case and further directs staff to follow the recommendations from Conservation Ontario outlined in the attached CO factsheet.
11. (v) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated June 10, 2016 on the St. Clair River Area of Concern.
11. (vi) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016 on the West Ipperwash dynamic beach limit assessment, concurs with the Terms of Reference, and further delegates the General Manager to award the contract to the successful consultant.
12. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the revenue and expenditure report to April 30, 2016, as it relates to the budget.
12. (ii) Moved by: Seconded by:
That the Board of Directors approves the April and May 2016 disbursements as presented in the amount of \$1,036,811.89.
12. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the 2016 general levy receipts to May 31, 2016.

12. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the financial investments through April 2016.
12. (v) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the 2017 Authority budget including timeline, comparators, department funding percentages, initiatives to reduce the impact on levy and revenue generation options.
12. (vi) Moved by: Seconded by:
That the Board of Directors acknowledges the March 8, 2016 meeting minutes of Health and Safety Committee.
12. (vii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016, regarding the disposal of nonessential and surplus equipment and approves the disposal method as outlined.
- 12.(viii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 10, 2016, regarding the request for quotation for office window replacement and further approves the Chair and General Manager to accept the lowest quotation, subject to the project budget.
13. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the Memorial Forest Program report dated June 10, 2016.
13. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the education staff report dated June 9, 2016, including the canoe race, spring education programs, special events, and community outreach.
13. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the Scholarship Program report dated June 10, 2016
15. Moved by: Seconded by:
That the meeting be adjourned.

Staff Report

4.(i)



To: Board of Directors
Date: June 10, 2016
From: Brian McDougall, General Manager
Subject: General Manager's Report

Lake Erie – Phosphorous

- ❖ through the Nutrients Annex of the 2012 Great Lakes Water Quality Agreement, Canada and the United States have committed to:
“... contribute to the achievement of the General and Specific Objectives of this Agreement by coordinating binational actions to manage phosphorus concentrations and loadings, and other nutrients if warranted, in the Waters of the Great Lakes.”
- ❖ Ontario has established two targets for the reduction of Phosphorous entering Lake Erie
 - 20% reduction by 2020
 - 40% total reduction by 2025 (a further 20% reduction from 2020)
- ❖ several groups have developed and tasked themselves with various objectives to assist in reaching these targets
- ❖ staff have been actively participating with several of these groups to provide local data and expertise to the discussions as well as to ensure that any proposed grantable projects or programs may be implemented in our watershed
- ❖ in the scientific community groups in each of Canada and the US are working to understand where the phosphorous load is coming from and what form the phosphorous is in – while another group is looking to combine this overall work and determine overall contributions that are provided by the Detroit River to western Lake Erie – Authority staff have been participating in 2 of these groups and continue to participate with the group working in Canada – Conservation Authorities are represented in the binational group by Essex Region CA



- ❖ Ontario Ministry of Agriculture Food & Rural Affairs has been tasked with developing a Domestic Action Plan to achieve the phosphorous reduction targets
 - the Agriculture Sector Working Group is being assembled to provide ongoing input to the development, engagement and implementation of agriculture actions for the Domestic Action Plan
 - these industry-government meetings will provide a forum to exchange information, provide advice on potential actions by the agriculture community and government to reduce phosphorus entering Lake Erie
 - staff have been participating on an advisory panel comprised of over 20 partners in assisting the Ministry in building a background to a proposed Domestic Action Plan
 - this plan is expected to target aspects of current legislation for additional enforcement, broaden other legislation to eliminate assumed phosphorous discharge practices and seek best management practices to be implemented to assist in achieving the above noted targets

- ❖ the Great Lakes and St. Lawrence Cities Initiative (GLSLCI) and the Ontario Federation of Agriculture (OFA) have spearheaded a initiative to create a pilot program for the

Thames River watershed to achieve reductions in phosphorous by specifically targeting the area between the field and the municipal drain or watercourse



**OFA-Cities Initiative
Nutrient Loss Reduction-Oriented Drainage and Water Management
in the Thames River Basin**

- Chair Arnold, representing GLSLCI and I, representing the Drainage Investment Group, have been participating on the advisory committee to this project along with partners from other environmental organizations, provincial and federal agriculture representatives, drainage superintendents and engineers and representatives of most commodity groups
 - both GLSLCI and OFA have meetings next week to review and possibly approve the proposed project, which subject to approvals will proceed to seek funding of \$1.5 million each year over the next 5 years to fund this pilot project
- ❖ our active partnership in the Healthy Lake Huron program has led to SCRCA being asked to represent Conservation Ontario (CO) as one of two representatives on the Lake Huron Partnership Management Committee including the development of the Lake Huron Lakewide Management Plan – Phil Beard, Maitland Valley Conservation Authority is the other CO representative

Staff Report

4.(ii)



To: Board of Directors
Date: June 10, 2016
From: Brian McDougall, General Manager
Subject: Conservation Authorities Act Review

Conservation Authorities Act Review

- ❖ in November 2014, Parliamentary Assistant to the Minister of Natural Resources and Forestry was given the mandate to initiate a review of the Conservation Authorities Act
- ❖ on July 20, 2015, a discussion paper was posted on the Environmental Bill of Rights Registry seeking feedback on governance, funding mechanisms and roles and responsibilities (EBR Registry Number: 012-4509)
- ❖ 21 engagement sessions involving over 200 participants were hosted by the Ministry of Natural Resources and Forestry (MNR) to collect input on the discussion paper resulting in the production of a summary document <http://apps.mnr.gov.on.ca/public/files/er/oqilvie-engagement-session-summary-report.pdf>
- ❖ another document was created to summarize the comments received through the EBR posting <http://apps.mnr.gov.on.ca/public/files/er/ca-act-review-er-feedback-summary-report.pdf>
- ❖ from their review and analysis of the submissions, on May 12, 2016, a policy proposal notice was posted on the EBR entitled Conserving Our Future: Proposed Priorities for Renewal <http://apps.mnr.gov.on.ca/public/files/er/conserving-our-future-proposed-priorities-for-renewal.pdf>
 - the purpose of this posting is to support the next phase of the Ministry's review of the Conservation Authorities Act
 - five priorities for updating the Conservation Authorities Act have been identified from the results of the first phase of the review
 - strengthening oversight and accountability in decision-making
 - increasing clarity and consistency in roles and responsibilities, processes and requirements



- improving collaboration and engagement among all parties involved in resource management
 - modernizing funding mechanisms to support conservation authority operations
 - enhancing flexibility for the province to update the Conservation Authorities Act framework in the future
- ❖ once again MNRF is seeking input via consultation as well as comments through the EBR posting
- ❖ 5 consultation session will be held around the Province through mid June
- ❖ Chair Arnold and I were among the approximately 70 who attended the consultation session in London on June 9th – sessions in Thunder Bay and Ottawa held prior had 7 and 20 attendees respectively
- ❖ around our discussion table
 - the greatest consensus was regarding modernizing funding – additional funding from the Province is necessary – potentially from a group of Ministries rather than just MNRF as the tasks that Authorities complete fall under the objectives of multiple Ministries
 - there was a general consensus that improved clarity and consistency in roles, responsibilities, processes and requirements is desirable – focus on ‘core’ programs which have no basis in legislation could negatively impact the Authorities flexibility to meet locals needs and objectives – additional or refined responsibilities were reviewed with concern over ‘at whose cost’
 - decision making oversight and accountability was reviewed with much more divergent views being brought forward – some comments outlining that the status quo is working well – other comments that there should be significant changes
 - some diverse positions regarding improved collaboration and engagement and enhancing flexibility for the Province were noted – however, most outlined that collaboration is ongoing and effective – engagement levels vary but seem to meet local needs – the Minister has significant powers to make changes currently and additional powers may not be seen as a positive step forward
- ❖ a draft of the Authority’s proposed submission to the EBR posting will be circulated at the June 23 meeting
- ❖ feedback can be submitted via the EBR posting prior to September 9th and will be used to inform the development of specific actions for improving the 5 priority areas
- ❖ reports summarizing feedback to be distributed to participants
- ❖ any proposed specific legislative, regulatory or policy changes will be subject to further public consultation (e.g. subsequent Environmental Registry postings)
- ❖ notices of any next steps will be provided to anyone who has participated in the review to date

Staff Report

4.(iii)



To: Board of Directors
Date: June 10, 2016
From: Brian McDougall, General Manager
Subject: Draft Succession Plan Process

Succession Plan *Process*

- ❖ as previously outlined, the Authority has entered a period of time which will see as many as 10 staff retire over a 6 year time frame
- ❖ in drafting our Succession Plan, we gradually came to an understanding that we were not going to be able to take a plan through its final stage
- ❖ a formal succession plan will often specifically identify individuals to fill future management positions – this was not our intention in creating a plan
- ❖ however, that doesn't diminish the importance of a plan or at least the process to a plan
- ❖ the intent in developing a plan was to:
 - ensure organization stability by creating back-up capacity in key positions
 - retain and attract passionate, high caliber employees by encouraging and supporting their individual career development
 - develop and maintain critical knowledge banks through mentoring, capturing organizational, job and historical knowledge from departing employees and imparting it to potential future replacements
- ❖ the draft Succession Plan Process has been written to achieve this intended goal and further seeks to ensure that the Board of Directors and management staff support the use of the outlined tools to continue to assemble a strong staff ensemble

4.(iii)

JUNE 10, 2016



SUCCESSION PLAN PROCESS

AN ORGANIZATIONAL COMPETENCY TALENT POOL BASED APPROACH

SUCCESSION PLAN PROCESS

Introduction

Change is a constant in many areas of work including conservation authorities. The departure of staff, in some cases expert staff, or the addition of projects and programs can impact organizational capabilities and staffing needs.

The greatest strength of any organization is its employees. Staff turnover is inevitable for any organization. While staff turnover at SCRCOA is low, as many who begin working at the Authority choose to make it their career, several senior staff are approaching the end of their career. In the next five years we may see up to nine employees retiring. As these *Boomer Generation* individuals move on, *Generation X and Y* leaders are preparing to take on those responsibilities. In developing a succession planning process, it is important to consider the priorities for this new generation of managers.

Establishing objectives for a succession planning process will assist in maintaining focus on goals as well as helping to assess the effectiveness of various tools within the process.

The following are the process objectives:

- Ensure organization stability by creating back-up capacity in key positions – have the right people available in the right jobs at the right time
- Retain and attract passionate, high caliber employees by encouraging and supporting their individual career development
- Develop and maintain critical knowledge banks through mentoring, capturing organizational, job and historical knowledge from departing employees and imparting it to potential future replacements
- Use all available tools, current and new, to support succession



Key Elements of the SCRC A Succession Planning Process

- 🔑 Needs Analysis for Vacated Positions
- 🔑 Promotions Within vs New Hires
- 🔑 Culture of the organization
- 🔑 Identifying potential leaders in the organization
- 🔑 Education & Mentoring
- 🔑 Compensation

Needs Analysis for Vacated Positions

Department Managers and Department Directors work with the General Manager to assess and understand the required staffing to meet each departments needs on an annual basis. Each department head analyzes department tasks and assigns tasks to available staff. When permanent positions are vacated, the same analysis is completed. The feasibility of accommodating the tasks within the existing staff compliment is evaluated. A decision is then made whether to distribute tasks internally, promote internally and backfill, or undertake a new hire.

Promotions Within vs New Hires

Any incoming staff, new to the organization, requires significant time and effort in establishing relationships as well as learning the breadth of our business and the lay of the land. When possible, it is often desirable to promote from within. Promotion of individuals from within permits the retention of institutional knowledge and relationships, boosts staff morale. As a result, it is important to have an understanding of the skills and talents of current staff and when appropriate, guide their development with training opportunities that will support their growth into managerial positions.

New hires on the other hand, provide an opportunity to bring in new thinking and fresh ideas. It may also be the appropriate way to fill vacant positions should there not be an appropriate staff prepared to move up in the organization for a given position.

PRIMARY SUCCESSION
PLAN OF A FOREST



Culture

At the SCRCA staff tend to be passionate about environmental issues and are self-motivated to ensure success of programs. This has resulted in an excellent record of accomplishment in finding grants to undertake important programs that would otherwise not be funded or undertaken. This has also been accomplished through a culture of team work. We believe at the SCRCA, that the workplace should be an enjoyable and rewarding experience for its employees. This has resulted in high productivity from a dedicated staff and also reduced staff turnover.

As this is a succession planning process, it is important to have a sense of how the younger generation sees the working world.

The following was taken from a website that described what these younger generations are seeking in a workplace.

<https://www.tinypulse.com/blog/7-things-millennials-crave-in-organizational-culture>

Generation Y - Born in the early '80s to the early 2000s, tend to be collaborative and thoughtful. At work, this group craves the opportunity to make a positive difference. They want to learn from experienced managers in the form of mentorship opportunities, and they thrive in team environments. Millennials will make up 50% of the workforce by 2020, so it's time we start listening to what they need professionally. Here are seven things they look for in organizational culture:

Flexible schedules: *This group values work-life balance. They appreciate perks like flextime, unlimited personal time off, and occasional telecommuting.*

Team collaboration: *Millennials are used to working in teams, and believe a group of people can accomplish more together.*



Amongst Conservation Authority regular staff, there is a mixture of ages:

- ◆ 2 under 30 yrs
- ★ 19 between 31–45 yrs
- ★ 14 over 45 yrs

Of the 45+ age group approximately 9 plan to retire within 5 years.

Social responsibility: Millennials want to make a tangible difference at work and in their communities.



Leadership potential: Nearly 25% of Gen Y employees want a chance to prove their leadership ability in the workplace. As such, they look for and flourish in roles where they can lead a team and collaborate with colleagues.

Mentorship opportunities: Generation Y wants to deepen their skill sets and receive frequent feedback on their work, and providing a mentor is the perfect answer.

Room for fun: Gen Y wants to enjoy their work and make friends at the office. They are more productive and engaged when they are happy.

From our perspective, the current culture of the Conservation Authority fits well with the expectations of Generation X, Gen Y and the Millennials and should be a positive sign that we can retain and attract young talent to the SCRCA.

Identifying potential leaders in the organization

All staff under the General Manager complete an annual performance review. This performance review is a three-part process. Initially staff complete a written self-evaluation that draws out an analysis of performance, communications, internal processes, capabilities and change management. This document is reviewed with their supervisor where the content of the performance review document is discussed including training needs, personal goals and objectives and future career plans.

Performance reviews with senior management staff also incorporate discussions regarding all staff in their department. These include analysis and review of staff skills and annual accomplishments as well as the short term and long term growth potential of each staff member, available training and any opportunities for advancement. A key part of this evaluation is the identification of staff that have the ability and desire to move up within the organization.

The growth of skills and confidence of non-management staff is profoundly influenced by their supervisors. Managers have been and will continue to be challenged to assist in the development of their staff by providing their subordinates with elevated tasks that stimulate and engage them, while supporting them to succeed with these tasks.

Education

Senior management fosters a culture of continuous learning. All staff are provided both formal and informal training opportunities on an annual basis. Formal training opportunities are classes or courses that provide trainees with documentation of their success in completing the training. Informal training, such as seminars, workshops, lecture series, provide staff with understanding and knowledge of various aspects of conservation authority business. Both formal and informal training are assessed by the supervisor to have a benefit to the staff and the Authority for the tasks they undertake in their current position and where possible, in future positions with the Authority.

Conservation Ontario provides management-level training through Conservation Authority University, a program provided by experienced CA staff from across the province. The purpose of the training is to provide management staff and potential management staff with the benefit of the experience of seasoned professionals



in the field. The program covers such topics as History of Conservation Authorities, related Legislation, Strategic Planning, Human Resources, Budgeting, etc. To date, 2 Authority staff have completed the training and an additional 2 are scheduled for next year.

Staff are often, due to their expertise, asked to sit on external committees. This too is viewed as informal training, as it is an opportunity to understand the operations of other organizations and experience the teamwork and interplay of being committee members or advisors.

Mentoring is an effective tool for staff development. Both One-on-One and group mentoring will be included in opportunities for staff training. When individuals are identified with a potential and desire to move up in the organization, they are placed with an appropriate mentor who will work with them to develop the necessary knowledge and skills required.

Compensation

Offering competitive compensation packages for staff assists in meeting our Succession Planning Process objectives. Continuing to monitor and compare compensation to the market and seeking to compensate staff in the relative 'ballpark' of their counterparts at similar organizations strengthens not only attraction of new staff and retention of existing staff but also conveys to the existing staff, recognition of the quality and quantity of the work they are completing and the respect they have earned in undertaking their duties.

Compensation also includes non-monetary avenues such as: a flexible work schedule as is provided by our existing Scheduled Days Off (SDO) program that allows employees the opportunity to work an extended work day in return of time off at a later date; team building activities; a culture of support and encouragement; opportunities for growth etc.

Plan Review

This Succession Planning Process is not intended to be a static document. The process will be reviewed annually as well as when there are any changes in the leadership team. For the purposes of the SCRCA, the most appropriate time to undertake this review is early in the year following review and completion of the performance review process. Further, the process should also be reviewed as part of any strategic or corporate plan updates. The review should include failures, successes, roadblocks, solutions, new tools or programs to improve the process and will adapt to any situational changes or organizational developments.



Staff Report

4.(iv)

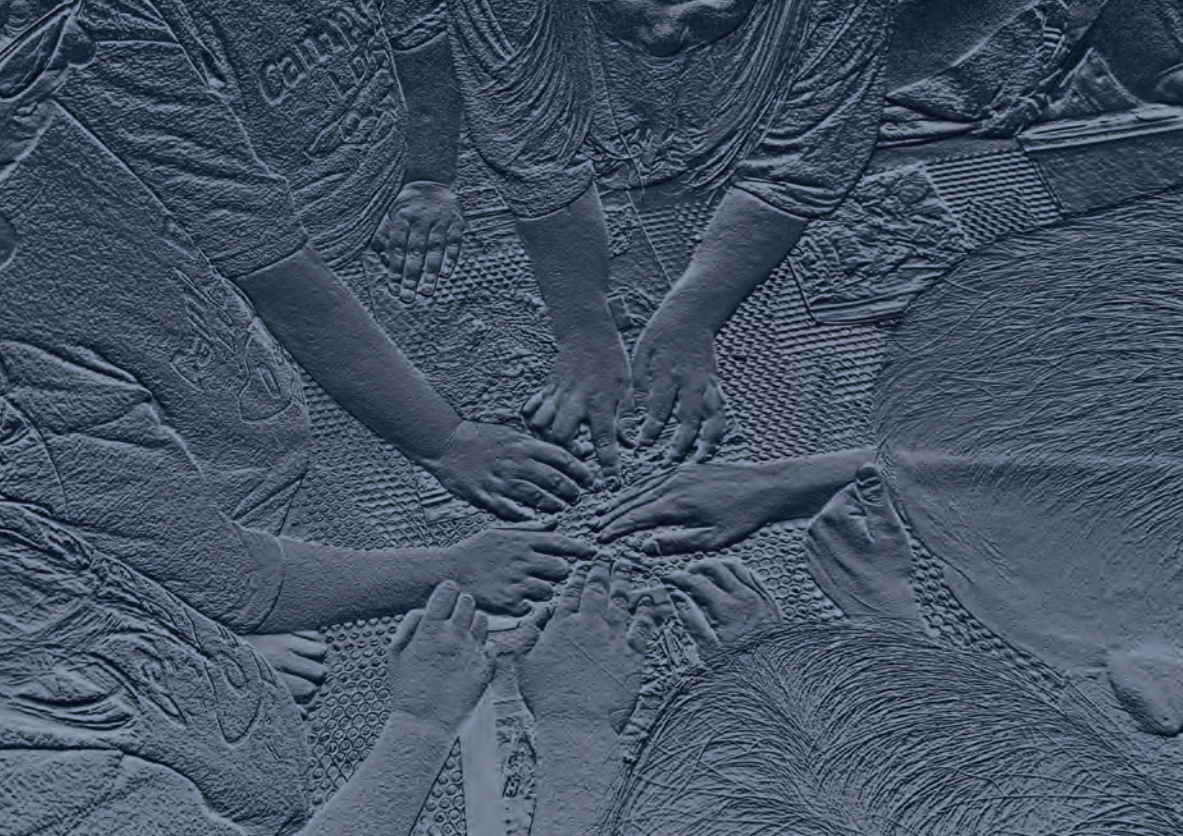


To: Board of Directors
Date: June 10, 2016
From: Rick Battson, Director of Communications
Brian McDougall, General Manager
Subject: Conservation Strategy Discussion Paper

The St. Clair Region Conservation Authority is developing a strategic plan to guide our activities over the next 5 years. In order to achieve this, a discussion paper was developed that will provide much more information than the final strategy. It was felt that the initial phases of development required this detail in order to place the strategic actions into context.

Staff have met several times as a group and as individual departments to flesh out this document. It is now at a stage in which we request feedback from our Board of Directors. Following the discussion paper is a series of questions designed to help us move forward. We will also be looking for a discussion at the September board meeting.

The plan, depending on the feedback from the Board, is to develop a draft strategic plan that will be distributed to municipalities, stakeholders and the public through our website following the September meeting with a report to the Board in November and possible approval in December.



Our Future to Shape – A Way Forward

Discussion Paper



“Working Together For A Healthy Environment”

June, 2016

Introduction

The St. Clair Region Conservation Authority is developing a strategic plan to guide our activities over the next 5 years. Since our inception in 1961, our programs have continued to evolve to reflect changing priorities of our watershed. Over the years, we have developed a culture of “success through partnerships.” We are stronger and can accomplish so much more when we align ourselves with others with similar goals. These partnerships have allowed us to be opportunistic in bringing talent and funding to our region to help us build healthier and more resilient watersheds. This discussion paper was produced to provide a foundation for the development of our NEW Conservation Strategy.

As you read through this discussion paper, you will notice strong connections between programs. Projects that help species at risk can also reduce flooding, and help protect water quality, which in turn enhances recreation opportunities. Watershed management is about looking at the entire watershed in an integrated way and developing programs that feed off each other to improve overall watershed health.

We have developed strong ties with the municipalities we serve. Through a supportive Board of Directors, our programs continue to reflect local needs and priorities. It is imperative, however, that we continue to re-evaluate our programs to ensure they meet the future needs of our watershed and our municipalities.

Our commitment to provide quality customer service, forged in our history, continues to be championed by our Board of Directors and staff. Continuous improvement, innovation, learning, and sharing our knowledge empower our organization and all our partners in building healthy watersheds. Our ability to maintain and enhance our capabilities necessitates that we advance science; engage and connect with conservation partners, watershed residents, and visitors; innovate; and inspire others. We need to continue to evolve as an organization to remain a trusted watershed leader in the community.

This discussion paper presents a vision and mission and a series of four goals. For each goal, a summary of existing programs and suggested future strategic actions are presented to meet the challenges ahead.

Following comments from the Board, this discussion paper will be transformed into a draft strategic plan. It will be shortened considerably with a greater focus on future actions and less on existing programs. A series of questions follows from which your answers will help us move forward with the development of our strategic plan. Your participation is greatly appreciated.

Who Are We?

The St. Clair Region Conservation Authority (SCRCA) was established under the Conservation Authorities Act in 1961 to conserve local renewable natural resources within the watersheds of the region. The SCRCA operates under the direction of a Board of Directors appointed by the municipalities within its jurisdiction.

The jurisdiction of the SCRCA includes the watershed of the Sydenham River and the watersheds of a number of watercourses emptying into Lake Huron, the St. Clair River and Lake St. Clair. The area covers approximately 4,100 km². The St. Clair region includes parts of two counties; Lambton and Middlesex, and the northern portion of the Municipality of Chatham-Kent. We serve 17 municipalities, with a total population of 167,000.

Vision and Mission

Vision

Vision is defined as foresight. The vision of the St. Clair Region Conservation Authority reflects the future desired state of our region.

“A healthy and sustainable natural environment in the St. Clair region.”

Mission

A mission reflects action. In order to achieve our vision, it is necessary to provide leadership, effective management and ongoing communication.

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



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

The SCRCA works in partnership with municipalities to protect life and property through the development and implementation of programs that minimize or prevent the impact of disasters such as flooding and erosion.

What Are We Already Doing?

Flood Warning: The Authority operates a flood warning program designed to warn residents in flood-prone areas. Through a network of 11 stream gauges, 5 snow sampling stations, ice monitoring, and current meteorological data, Authority staff monitor watershed conditions by tracking and updating data on an ongoing basis to scientifically determine short- and long-term trends. Should a flood be imminent, the Municipal Flood Coordinators and the media are advised and officials take appropriate action. In addition to riverine flooding, the Authority issues warnings for damage which may occur from wave action along southern Lake Huron, the St. Clair River, and northeastern Lake St. Clair shorelines.



Municipal Plan Input: The Authority has been delegated the responsibility to represent the provincial interest regarding natural hazards. Natural hazards include floodplains, unstable slopes, shorelines and dynamic beaches. While municipalities encourage valuable development, it is important that new development is located safely out of areas susceptible to potential natural hazards. It is also important that any development that is completed within an area of natural hazard does not endanger adjacent landowners, or other landowners within the system.



Ontario Regulation (O.R. 171/06), Development, Interference with Wetlands and Alterations to Shorelines and Watercourses: To prevent future risk to private landowners and to protect the interests and liability of our member municipalities, O.R. 171/06 requires landowners to obtain permission of the Authority prior to developing within natural hazard areas associated with watercourses and areas susceptible to river or lake shoreline flooding, ravine and shoreline slopes, wetlands, and lands adjacent to wetlands.



Maintenance of Water and Erosion Control Infrastructure: The Authority maintains and operates its flood and erosion control structures. The W. Darcy McKeough Floodway was built to protect the community of Wallaceburg and portions of the former Townships of Chatham and Sombra from severe flooding. Since 1984, the McKeough Floodway has been operated 6 times.



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

Strategic Actions

Develop a Climate Change Strategy: Impacts of Climate Change are already becoming evident in the St. Clair watersheds with an increasing frequency of severe weather. The SCRCA should develop a strategy that combines existing programs and develops new programs to build more resilient watersheds able to better withstand weather extremes.

Improve Meteorological Data Acquisition: In order to better report and predict flooding due to severe storms, the SCRCA should expand the ability to collect meteorological data.

Improve Regulation Mapping: The SCRCA should continue to create and/or acquire the best available data to define the components that define regulation limits. Because better elevation data is the core of enhanced regulation mapping, the SCRCA should continue to invest in the creation of a high resolution Digital Elevation Model (DEM). This DEM, together with an updated flood model, will allow for the creation of enhanced floodplain mapping. In addition, better elevation data will facilitate more accurate delineation of erosion hazard areas.

Review Operating Criteria for W. Darcy McKeough Floodway: The operating criteria for operation of the floodway is established under law. A review of this criteria are necessary as more data are available over the last three decades, watershed conditions have evolved over time, and climate change has impacted the frequency and severity of events.



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

Because what we do on land is reflected in our water and ecosystems, the SCRCA develops and implements programs that protect our land resources and promote watershed stewardship practices that lead to healthy, sustainable communities and industries.

What Are We Already Doing?

Reforestation: The SCRCA plants approximately 60,000 trees each year for private and public landowners. Trees are usually planted as windbreaks or for plantations. Local seeds are collected throughout the watershed and supplied to a nursery who will grow local tree stock for planting. Grants are provided to subsidize the cost of planting for the landowner. For a tree planting project to be successful, maintenance of the trees is essential. The Authority offers a service to provide weed control for newly planted seedlings for three years.

Wetland Creation: Through various granting programs, wetland creation is encouraged on private and public lands. The creation of wetlands not only enhances the health of our watersheds but provides benefits to the landowner such as improved flood storage and reduced soil erosion.

Healthy Watersheds/Stewardship: Through various outreach and granting programs, stewardship projects and Best Management Practices are encouraged on private and public lands for the overall benefit of improved water quality and wildlife and aquatic habitat.

Woodlot Management Services: Qualified forestry staff provide woodlot management and marking services to landowners. Proper silviculture techniques and “Good Forest Practices” are encouraged to ensure the long-term health of the woodlot while meeting the needs of the landowner. The SCRCA has been contracted by the County of Lambton to administer its Woodland Conservation Bylaw.

Water Quality Monitoring: The SCRCA works with Ministry of Environment and Climate Change (MOECC) to collect and analyze both surface and ground water samples throughout the region. Using the Provincial Water Quality Monitoring Network (PWQMN) and Provincial Ground Water Monitoring Network (PGMN) the data are shared with many program partners and are used in many ways.



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

For example, to develop locally focused Watershed Report Cards, Canadian Environmental Sustainability Indicators (CESI) report on:

- State of the Great Lakes
- Multi-Watershed Nutrient Study (MWNS)
- Rural Stormwater Management Model Project

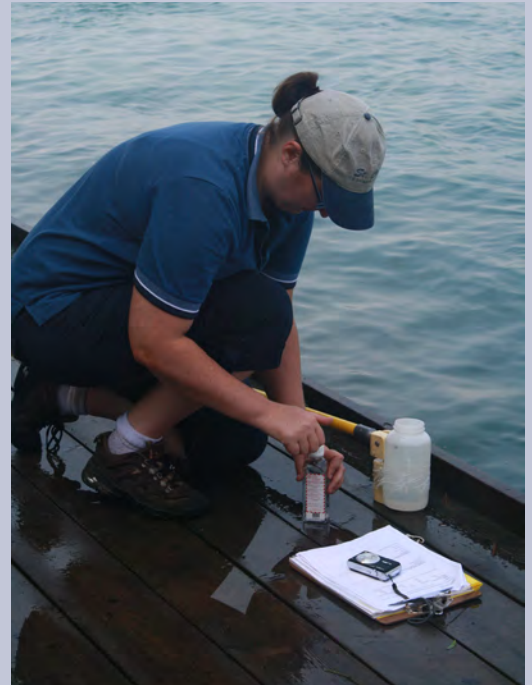
Aquatic Biomonitoring: Aquatic animals such as fish, mussels and benthic macro-invertebrates are used as indicators of the health of local watercourses. The presence or absence of certain pollution sensitive communities can indicate whether or not a river or creek is thriving. This information is collected using provincial and national protocols, and is processed by certified taxonomists. The data are used for watershed reporting, resource management and to target actions to improve and protect habitat conditions.

Ecosystem Recovery Planning: The SCRCA has partnered with organizations to produce Action Plans for ecosystem recovery. Plans exist for the Sydenham River, Lake St. Clair Coastal, and Ausable River - Kettle Point to Pinery. The Sydenham River Recovery Strategy is unique in that it is the first multi-species watershed recovery strategy in Canada. An action plan for Lake Huron Coastal is currently under development.

Reptile Species at Risk: The objective of the Reptiles at Risk Monitoring program is to encourage good stewardship for snakes and turtles in the St. Clair Region. Program activities include tracking occurrences, protecting and improving habitat on Authority and Foundation owned lands, and encouraging local community members to take similar actions.

Wetland Evaluation: The SCRCA works with Ministry of Natural Resources and Forestry (MNRF) to evaluate wetlands within the region. This includes determining the locations and significance of wetlands.

Invasive Species: The SCRCA works in partnership with others to help control the spread of certain invasive species such as Phragmites that threaten local ecosystems.



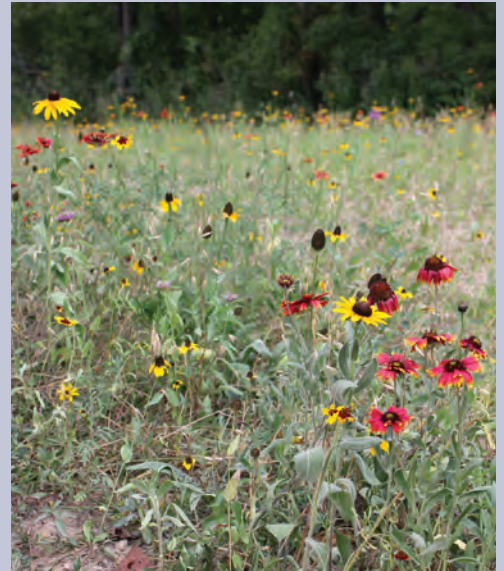
Goal 2 – Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes

Drinking Water Source Protection: The St. Clair Region, Upper Thames River, and Lower Thames Valley Conservation Authorities have been working together, along with the Thames-Sydenham and Region Source Protection Committee, to develop a Plan to protect municipal sources of drinking water throughout the region. The Plan has now been approved by the province. While municipalities are responsible to implement the Source Protection Plan, the Conservation Authority will continue to support municipalities in the implementation of the local Source Protection Plan on an as requested contractual basis.

St. Clair River Area of Concern: The St. Clair River Area of Concern (AOC) is one of 43 Areas of Concern the International Joint Commission has identified within the Great Lakes basin where there are known environmental problems. In the St. Clair River AOC, local partners, including the SCRCA, are working together to implement Remedial Action Plans and take action so the area can be rehabilitated and removed from the list of Areas of Concern.

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

Municipal Plan Input and Environmental Assessment Processes: Through service agreements, the Authority cooperates with municipalities to provide recommendations regarding development in or next to natural heritage features to comply with the Provincial Policy Statement, Section 2.1. Natural heritage features include wetlands, woodlands, habitat of threatened and endangered species, and other natural areas. It is important that development does not negatively impact these features, or their ecological functions.



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

Ontario Regulation 171/06, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses:

Through this regulation, development that impacts a provincially significant wetland is subject to a permit which requires that the development does not adversely affect the hydrologic functions of the wetland.

Municipal Drains: The Conservation Authorities (CA) Act gives the responsibility to Conservation Authorities to regulate activities that change, divert, or interfere in any way with the existing channel of a river, creek, stream or watercourse (including municipal drains) or for changing or interfering in any way with a wetland. Through provincial direction, under the Drainage Act & Section 28 Regulations Team (DART) protocol, the SCRCA provides standard compliance requirements for drain maintenance and repair projects for municipalities. The Drainage Act also has statutory provisions which directly engage the Conservation Authority.



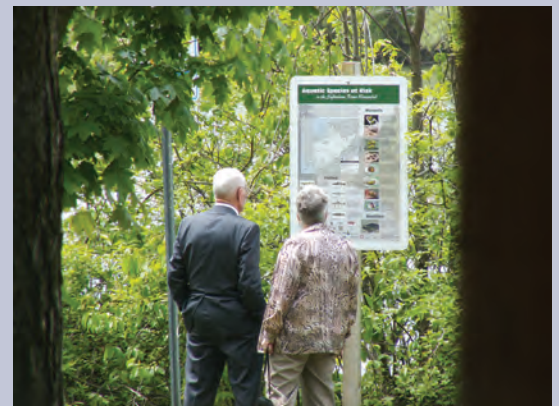
Goal 2 – Protect, manage, and restore our natural systems including woodlands, wetlands, waterways, and lakes

Strategic Actions

Continue to Develop Streamlined/Efficient Processes: It is always our intent to provide responses for permits, standard compliance requirements, and comments to municipalities in a timely manner. Improvements can always be made and we will work with our partners to ensure our responses are thorough and are provided as quickly as possible.

Support Protection of Natural Heritage Systems: Through collaboration with partner organizations, the SCRCA will provide biological and ecological expertise for natural heritage plans, strategies and policies. The responsibility for natural heritage protection falls to municipalities under The Planning Act. The Conservation Authority can provide ecological and biological expertise to support our member municipalities in satisfying provincial policies.

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.



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

Review Aquatic Monitoring Program: Aquatic monitoring informs resource management decisions relating to drain review, planning, and implementing best management practices.

- The current benthic macro-invertebrate monitoring program involves sampling approximately 15 permanent stations annually. Each sample station is used to estimate the health of an entire subwatershed. Additional or rotating stations will be used to augment the existing data to improve our understanding of the health of each subwatershed.
- Fish surveys are entirely fund/grant driven stations and are selected based on existing opportunities. Long-term stations on key locations on the Sydenham River will be established to better assess trends in watershed health over time.
- The water quality monitoring program tracks concentrations of select parameters. Quantity data will be used in order to estimate loading of certain parameters of interest (e.g. nutrients).

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



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

Through the lands we manage and own, as well as the educational programs we deliver, the SCRCA provides opportunities for our communities to understand and appreciate the value of their natural environment as well as the social and economic benefits of protecting that environment.

What Are We Already Doing?

Conservation Lands: The St. Clair Region Conservation Authority and its Foundation own more than 2,100 hectares of land including beaches along Lake Huron, campgrounds, day use parks, wetlands, forests, floodplains, and farmland. A wide range of recreation activities are available on these lands including swimming, boating, hiking, bird watching, camping, fishing, and hunting.

Community Conservation: The SCRCA engages the community in a number of conservation activities including tree planting, biological monitoring, special events, and education. The Conservation Authority develops educational information such as fact sheets, watershed reports cards, and brochures to engage the public regarding conservation issues. We participate at local events, festivals, and conferences allowing for interaction with landowners. We participate with various groups and associations which provides ongoing dialogue over common issues.

Conservation Education: Over 25 programs have been developed to introduce students to nature and to empower them to make a difference. These programs are designed to create an enthusiasm for our natural heritage which will carry over into the student's adult life. The Authority offers outdoor and in-class programs. Many of the education programs are supported by donations from businesses and organizations.

Community Recognition: The SCRCA recognizes groups and individuals in the community through its Conservation Award and Scholarship programs.

Watershed Report Cards: In order to communicate the environmental state of forest cover and water quality of our watersheds, we develop and distribute watershed report cards.



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

Strategic Actions

Develop Comprehensive Social Media Presence: Perhaps the greatest value of social media is the ability to foster and engage with a broader audience. That engagement is at the heart of social media. In addition to responsive communication, we can begin to build relationships with the public beyond those that happen during normal transactions. These relationships are what keep people coming back, increasing both loyalty and retention. If these people become advocates, we can increase our reach and presence in the watershed.



Create Additional Conservation Education Opportunities for High Schools: Specialist High Skills Majors (SHSM) let students focus on a career path that matches their skills and interests while meeting the requirements of the Ontario Secondary School Diploma (OSSD). By providing programs that meet the requirements for SHSM designation, the Authority can expand its conservation education program more fully into high schools, reaching this important demographic.



Expand Engagement with our First Nation Neighbours: The SCRCA has been reaching out to our First Nation neighbours by providing education programs, and consulting on programs such as the St. Clair River AOC and Drinking Water Source Protection. This engagement has proved to be productive but has pointed to the need to continue and expand. The SCRCA should develop an Engagement Plan to ensure the sharing of each other's expertise and knowledge to the benefit of the watersheds we share.



Develop Policies to Guide Acquisition of Conservation Lands: The SCRCA works with the St. Clair Region Conservation Foundation in accepting donations of lands that further meet the objectives of the Conservation Authority. An acquisition plan will assist in prioritizing opportunities and provide direction in seeking funding for significant watershed properties.



Update Property Management Plans: With changing expectations and trends in outdoor recreation, Authority, Foundation, and other Property Management Plans will be updated and will include issues such as accessibility, natural heritage protection balanced with outdoor recreation opportunities, and financial sustainability.

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

The St. Clair Region Conservation Authority has been a leader in developing a comprehensive conservation program in a fiscally responsible manner. On an ongoing basis, Authority staff work to find funds to undertake the proposed projects and to take advantage of funding opportunities that arise. Efforts to find alternative sources of funds have helped the SCRCA maintain one of the lowest municipal levy levels amongst the 36 Conservation Authorities. The SCRCA has been able to be successful due to a supportive Board of Directors and dedicated staff. The following strategic actions are designed to build upon these strengths.

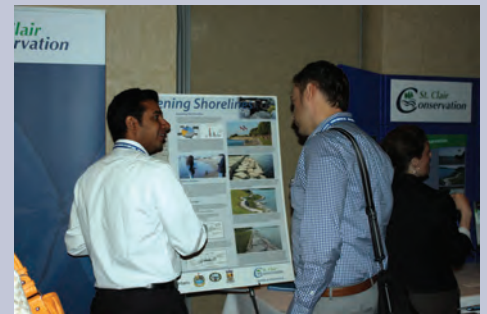
Strategic Actions

Corporate Excellence and Sustainability:

- Continue to operate in an efficient and financially sound manner, providing excellent client service and delivery of programs and services and strive to maintain our positive image in the community.
- Continue to explore opportunities to reduce duplication, streamline approval processes, and build business excellence.
- Develop and implement a sustainable funding model that aligns with our customer service objectives and our strategic plan. The sustainable funding model will incorporate self-generated revenue and service fees, maximized efficiencies and cost control measures, appropriate provincial transfer payments and municipal levies.
- Continue to be innovative and thorough in seeking funds from supporting organizations to support the strategic actions outlined in this document.
- Continue to seek funding opportunities that can support our municipalities in undertaking projects that improve our watersheds. Annually approved project-specific grant funds must also be separately identified in the funding model but included in overall revenue streams.
- Capital assets will be managed for long-term sustainability.

Implement Strategic Succession Planning Process: To ensure a continuity of services as staff retire or leave the organization, it is important that a plan is in place to replace or redistribute duties and responsibilities.

Promote a Culture of Continual Learning: To ensure that staff and board members are able to effectively carry out their responsibilities and can grow in their roles, educational opportunities need to be explored and utilized.



Strategic Plan Discussion Papers – Questions and Feedback

(please feel free to attach additional sheets for comments)

Are the vision and mission statements still relevant in providing a focus and inspiration for the Conservation Authority?

Do the four goals outlined adequately address the future needs of our watersheds?

Do you agree with the strategic actions suggested? Which are most important and least important? Please rate on a scale of 1 – 5 with 1 being not important and 5 being very important

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

Strategic Actions:

Develop a Climate Change Strategy: Impacts of Climate Change are already becoming evident in the St. Clair watersheds with an increasing frequency of severe weather. The SCRCA should develop a strategy that combines existing programs and develops new programs to build more resistant watersheds able to better withstand weather extremes. Specific actions include:

1 2 3 4 5

Comments:

Improve meteorological data acquisition: In order to better report and predict flooding due to severe storms, the SCRCA should expand ability to collect meteorological data.

1 2 3 4 5

Comments:

Improve regulation mapping: The SCRCA should continue to create and/or acquire the best available data to define the components that define regulation limits. Because better elevation data is the core of enhanced regulation mapping, the SCRCA should continue to invest in the creation of a high resolution Digital Elevation Model (DEM). This DEM, together with an updated flood model, will allow for the creation of enhanced floodplain mapping. In addition, better elevation data will facilitate more accurate delineation of erosion hazard areas.

1 2 3 4 5

Comments:

Undertake a review of the operating criteria for the W. Darcy McKeough Floodway: The operating criteria for operation of the floodway is established under law. A review of this criteria is necessary as more data is available over the last three decades, watershed conditions have evolved over time, and climate change has impacted the frequency and severity of events.

1 2 3 4 5

Comments:

Are there other strategic actions we should be considering to address Goal 1:

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

Strategic Actions:

Continue to develop streamlined/efficient processes for permits, standard compliance requirements, and comments to municipalities: It is always our intent to provide responses to landowners and municipalities in a timely manner. Improvements can always be made and we will work with our partners to ensure our responses are thorough and are provided as quickly as possible.

1 2 3 4 5

Comments:

Support protection of the Natural Heritage System through collaboration with partner organizations. Provide biological and ecological expertise for natural heritage plans, strategies and policies. The responsibility for natural heritage protection falls to municipalities under The Planning Act. The Conservation Authority can provide ecological and biological expertise to support our member municipalities in satisfying provincial policies.

1 2 3 4 5

Comments:

Develop new tools to promote and encourage stewardship/best management practices (BMPs) and evaluate the effectiveness of BMPs: 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 water courses. This is an opportunity to work with colleges and universities, farming groups, and others to develop solid science to evaluate BMP effectiveness.

1 2 3 4 5

Comments:

Undertake a review of the aquatic monitoring program: Aquatic monitoring informs resource management decisions relating to drain review, planning, and implementing best management practices.

- The current benthic macro invertebrate monitoring program involves sampling approximately 15 permanent stations annually. Each sample station is used to estimate the health of an entire subwatershed. Additional or rotating stations will be used to augment the existing data to improve our understanding of the health of each subwatershed.
- Fish surveys are entirely funding/grant driven stations and are selected based on existing opportunities. Long-term stations on key locations on the Sydenham will be established to better assess trends in watershed health over time.
- The water quality monitoring program tracks concentrations of select parameters. Quantity data will be used in order to estimate loading of certain parameters of interest (e.g. nutrients).

1 2 3 4 5

Comments:

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

1 2 3 4 5

Comments:

Are there other strategic actions we should be considering to address Goal 2:

Goal 3 – Provide opportunities for the public to enjoy, learn from, and respect our natural environment

Strategic Actions:

Develop a comprehensive social media presence to promote watershed conservation and use of Conservation Authority owned lands: Perhaps the greatest value of social media is the ability to foster and engage with a broader audience. That engagement is at the heart of social media. In addition to responsive communication we can begin to build relationships with the public beyond those that happen during normal transactions. These relationships are what keep people coming back, increasing both loyalty and retention. If these people become advocates, we can increase our reach and presence in the watershed.

1 2 3 4 5

Comments:

Work with local school boards to create additional education opportunities for High Schools: Specialist High Skills Majors (SHSM) let students focus on a career path that matches their skills and interests while meeting the requirements of the Ontario Secondary School Diploma (OSSD). By providing programs that meet the requirements for SHSM designation, the Authority can expand its conservation education program more fully into high schools, reaching this important demographic.

1 2 3 4 5

Comments:

Expand engagement with our First Nations Neighbours: The SCRCA has been reaching out to our First Nation neighbours by providing education programs, and consulting on programs such as the St. Clair River AOC and Drinking Water Source Protection. This engagement has proved to be productive but has pointed to the need to continue and expand. The SCRCA should develop an Engagement Plan to ensure the sharing of each other's expertise and knowledge to the benefit of the watersheds we share.

1 2 3 4 5

Comments:

Develop polices to guide the acquisition of conservation lands: The SCRCA works with the St. Clair Region Conservation Foundation in accepting donations of lands that further meet the objectives of the Conservation Authority. An acquisition plan will assist in prioritizing opportunities and provide direction in seeking funding for significant watershed properties.

1 2 3 4 5

Comments:

Update Property Management Plans: With changing expectations and trends in outdoor recreation, Authority, Foundation, and other Property Management Plans will be updated and will include issues such as accessibility, natural heritage protection balanced with outdoor recreation opportunities, and financial sustainability.

1 2 3 4 5

Comments:

Are there other strategic actions we should be considering to address Goal 3:

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

Strategic Actions:

Corporate Excellence and Sustainability:

Continue to operate in an efficient and financially sound manner, providing excellent client service and delivery of programs and services and strive to maintain our positive image in the community.

1 2 3 4 5

Comments:

Continue to explore opportunities to reduce duplication, streamline approval processes, and build business excellence.

1 2 3 4 5

Comments:

Develop and implement a sustainable funding model that aligns with our customer service objectives and our strategic plan. The sustainable funding model will incorporate self-generated revenue and service fees, maximized efficiencies and cost control measures, appropriate provincial transfer payments and municipal levies.

1 2 3 4 5

Comments:

Continue to be innovative and thorough in seeking funds from supporting organizations to support the strategic actions outlined in this document.

1 2 3 4 5

Comments:

Continue to seek funding opportunities that can support our municipalities in undertaking projects that improve our watersheds. Annually approved project specific grant funds must also be separately identified in the funding model but included in overall revenue streams.

1 2 3 4 5

Comments:

Capital assets will be managed for long-term sustainability.

1 2 3 4 5

Comments:

Implement a strategic succession planning process: To ensure a continuity of services as staff retire or leave the organization, it is important that a plan is in place to replace or redistribute duties and responsibilities.

1 2 3 4 5

Comments:

Ensure the SCRCA promotes a culture of continual learning: To ensure that staff and board members are able to effectively carry out their responsibilities and can grow in their roles, educational opportunities need to be explored and utilized.

1 2 3 4 5

Comments:

Are there other strategic actions we should be considering to address Goal 4:

Other Comments:

**Conservation Ontario Council
Minutes from Meeting #1/16
Monday, April 11, 2016
Black Creek Pioneer Village**

Voting Delegates Present:

Dick Hibma, Grey Sauble, Chair

Brian Horner, Ausable Bayfield
Robert Morrison, Cataraqui Region
Steven Knechtel, Cataraqui Region
Kim Smale, Catfish Creek
Chris Darling, Central Lake Ontario
Don MacIver, Credit Valley
Deb Martin-Downs, Credit Valley
Richard Wyma, Essex Region
Forrest Rowden, Ganaraska Region
Helen Jowett, Grand River
Joe Farwell, Grand River
John Cottrill, Grey Sauble
John Vice, Halton
Hassaan Basit, Halton
Chris Firth Eagland, Hamilton
Heather Stauble, Kawartha
Rob Messervey, Kawartha
Bill Mackie, Kettle Creek
Elizabeth VanHooren, Kettle Creek
Geoffrey Dawe, Lake Simcoe Region
Mike Walters, Lake Simcoe Region
Michael Columbus, Long Point Region
Cliff Evanitski, Long Point Region
Don Pearson, Lower Thames Valley
Ray Benns, Lower Trent Region

Members Absent

Crowe Valley
Lakehead Region
Mattagami Region
North Bay-Mattawa

Guests

Lisa Burnside, Hamilton
Phil Beard, Maitland Valley
Duncan Abbott, Mississippi Valley

Staff

Kim Gavine, General Manager
Jane Dunning
Chitra Gowda
Bonnie Fox
Jane Lewington

Glenda Rogers, Lower Trent Region
Art Versteeg, Maitland Valley
Mark Burnham, Mississippi Valley
Bruce Timms, Niagara Peninsula
James Kaspersetz, Niagara Peninsula
Lin Gibson, Conservation Sudbury (Nickel District)
Stephen Kaufman, Conservation Sudbury (Nickel District)
Gail Ardiel, Nottawasaga Valley
Dan Marinigh, Otonabee
Janice Maynard, Quinte
Terry Murphy, Quinte
Roger Houde, Raisin Region
Richard Pion, Raisin Region
Lyle Pederson, Rideau Valley
Sommer Casgrain-Robertson, Rideau Valley
Luke Charbonneau, Saugeen Valley
Wayne Brohman, Saugeen Valley
Rhonda Bateman, Sault Ste Marie
Doug Thompson, South Nation
Angela Coleman, South Nation
Steve Arnold, St. Clair Region
Brian McDougall, St. Clair Region
Brian Denney, Toronto & Region
Murray Blackie, Upper Thames River

Chris Hibbard, Nottawasaga Valley
Chris Harrington, Upper Thames River

Matthew Millar
Nekeisha Mohammed
Jo-Anne Rzadki
Rick Wilson

1. Welcome from the Chair

Introductions of new members were made.

2. Adoption of the Agenda

Steve Knechtel (Cataraqui Region) requested an item be added under New Business re: Cataraqui Planning and Permitting

Consent Items: Decision Items 16-5, 16-7, 16-8, 16-9, 16-10, 16-11, 16-12, 16-14, 16-15, 16-17.

#01/16 Moved by: Mark Burnham Seconded by: Doug Thompson

THAT the agenda be adopted as amended.

CARRIED

3. Declaration of Conflict of Interest

There was none.

4. Approval of the Minutes of the Previous Meeting

#02/16 Moved by: Mark Burnham Seconded by: Forrest Rowden

THAT the minutes from the December 7, 2015 meeting be approved

CARRIED

5. Business Arising from the Minutes

6. Adoption of the 2015 Audited Financial Statements, Final Report to the Budget and Audit Committee & Appointment of Auditors for 2016

Mark Burnham (Treasurer) introduced Michael Jones, BDO Partner and Accountant. There were no questions for the auditor.

#03/16 Moved by: Lin Gibson Seconded by: Luke Charbonneau

THAT the Final Report to the Conservation Ontario Budget & Audit Committee be received;

THAT Conservation Ontario accept the Budget and Audit Committee's recommendation that the Financial Statements of Conservation Ontario for the year ended December 31, 2015 be approved;

AND THAT Conservation Ontario appoint BDO as its auditor for the 2016 audit.

CARRIED

7. Conservation Ontario’s 2015 Annual Report & Presentation

The Annual Report Presentation is attached to the minutes. The Annual Report can be found on the Conservation Ontario website.

#04/16 Moved by: Mark Burnham Seconded by: Lin Gibson

THAT Conservation Ontario Council accept the 2015 Annual Report.

CARRIED

8. Conservation Ontario Members Survey of the 2015 Council Year

Kim Gavine reported that future surveys will be revised to align with the new Strategic Plan. She also introduced a regular meeting survey that will provide staff with feedback from quarterly Council meetings.

#05/16 Moved by: Steve Arnold Seconded by: Forest Rowden.

THAT Conservation Ontario Council receive the Members Survey of the 2015 Council Year.

CARRIED

9. Conservation Ontario Voting Delegates – Proposed By-Law Amendment

#06/16 Moved by: Art Versteeg Seconded by: Bruce Timms

THAT the 3 recommendations to amend the bylaws regarding voting delegates and alternates as proposed by Maitland Valley Conservation Authority be accepted.

A recorded vote was requested:

2 voted in support of the recommendation: Maitland Valley, Niagara Peninsula

30 voted against the recommendation: Ausable Bayfield, Cataraqui Region, Catfish Creek, Central Lake Ontario, Credit Valley, Essex Region, Ganaraska Region, Grand River, Grey Sauble, Halton, Hamilton, Kawartha, Kettle Creek, Lake Simcoe Region, Long Point Region, Lower Thames Valley, Lower Trent Region, Mississippi Valley, Conservation Sudbury (Nickel District), Nottawasaga Valley, Otonabee, Quinte, Raisin Region, Rideau Valley, Saugeen Valley, Sault Ste Marie, South Nation, St. Clair Region, Toronto and Region, Upper Thames River

DEFEATED

10. Council Voting Delegates & Alternates

The following corrections to the list were noted and a revised list is attached to the minutes of the meeting.

| Conservation Authority | Voting Delegate | Alternate Voting Delegate | 2nd Alternate Voting Delegate |
|-------------------------------|------------------------|----------------------------------|---|
| Conservation Halton | John Vice | Cathy Duddeck | Hassaan Basit |
| Rideau Valley | Lyle Pederson | Ed Hand | Sommer Casgrain-Robertson |
| St. Clair Region | Steve Arnold | Andy Bruziewicz | Brian McDougall |
| Sault Ste. Marie | Marchy Bruni | Joe Krmpotich | Rhonda Bateman |

#07/16 **Moved by: Brian McDougall** **Seconded by: John Vice**

THAT the Voting Delegates and Alternates List be accepted as amended.

CARRIED

11. Standing Committee Representatives

#08/16 **Moved by: Steve Arnold** **Seconded by: Doug Thompson**

THAT the Budget and Audit Standing Committee membership be ratified.

THAT the Occupational Health and Safety/Risk Management Committee membership be ratified.

CARRIED

12. CO Council Orientation – Presentation

The Council Orientation powerpoint presentation is attached to the minutes of the meeting.

13. Election of Conservation Ontario Chair, 2 Vice Chairs and 3 Directors

The proceedings were handed over to Kim Gavine (CO). All the positions were declared vacant for 2016 and the election procedures were reviewed.

#09/16 **Moved by: Rhonda Bateman** **Seconded by: Heather Stauble**

THAT Paul Speck (Marsh) and Bonnie Fox (CO) be appointed as scrutineers in the event of a vote.

CARRIED

Kim Gavine called for nominations for the position of Chair of CO for 2016.

Forrest Rowden (Ganaraska Region) nominated Dick Hibma (Grey Sauble).

Kim Gavine called a second and third time for nominations and hearing none called for a motion to close the nominations.

#10/16 **Moved by: Heather Stauble** **Seconded by: Forrest Rowden**

THAT the nominations for Chair of Conservation Ontario for 2016 be closed.

CARRIED

Dick Hibma (Grey Sauble) accepted his nomination and was declared Chair of Conservation Ontario.

Kim Gavine called for nominations for Vice Chairs (2) of Conservation Ontario for 2016.

John Cottrill (Grey Sauble) nominated Mark Burnham (Mississippi Valley)

Don Pearson (Lower Thames Valley) nominated Lin Gibson (Conservation Sudbury)

Kim Gavine called a second and third time for nominations and hearing none called for a motion to close the nominations.

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

#15/16 Moved by: Lin Gibson

Seconded by: Forrest Rowden

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

CARRIED

15. Eleanor McMahon, Parliamentary Assistant to Minister of Natural Resources and Forestry

Dick Hibma introduced Eleanor McMahon who brought a status report and summary of priorities from the Ministry of Natural Resources and Forestry. She thanked the CAs for the work they do in the communities across the province. She was pleased to represent the Minister at the inaugural meeting of the Great Lakes Guardian Council, together with Bonnie Fox (CO).

Regarding the review of the Conservation Authorities Act, MPP McMahon summarized the steps that brought the ministry and CAs to this date including the release of the facilitator's report in February. As a next step in the modernization of the Act, the ministry is working on a paper that consolidates the information received which will be put on the EBR for further comment. Now that they've heard the "what", they will focus on the "how". In addition to this broad landscape overview, a working group is being assembled to discuss processes, mechanisms for change, the challenges (eg, varying tax bases) and tools required for moving forward.

She also highlighted the Wetland Conservation Discussion Paper and Strategy for Ontario, the Advisory Panel on the Coordinated Review of Four Provincial Plans and the Invasive Species Legislation that received Royal Assent last November.

A period of questions and answers followed.

16. Committee of the Whole - Items for Decision

1) Gilmor Case

John Olah (Beard Winter) provided a summary of events to date.

C.W.#01/16 Moved by: Gail Ardiel

Seconded by: Mark Burnham

THAT, notwithstanding financial support from the Ministry of Natural Resources and Forestry, Conservation Ontario seek to obtain intervener status in the Gilmor et al vs. Nottawasaga Valley Conservation Authority case;

THAT Conservation Ontario obtain the services of Mr. Tom Curry of the law firm of Lenczner Slaght to prepare both the Leave to Intervene Application and the Appeal itself;

THAT Conservation Ontario approve the allocation of up to \$5,000 plus taxes for the cost of disbursements associated with the Gilmor case to be taken from Conservation Ontario's unrestricted reserve.

CARRIED

2) **Updates: 2016/17 General Insurance Program Renewal, 2016/16 Benefits Program Broker RFP and Intervenor Status on Campbell vs Bruce County**

C.W.#02/16 Moved by: Steve Arnold Seconded by: Mark Burnham

THAT COUNCIL receives for information the report 'Updates' from the Insurance and Benefit Committee.
CARRIED

3) **2016 Special Projects Budget**

C.W.#03/16 Moved by: Mark Burnham Seconded by: Heather Stauble

THAT the draft 2016 Special Projects Budget in the amount of \$1,645,142 be approved as presented and as recommended by the Budget and Audit Committee.

CARRIED

4) **Proposed Final Draft of the Conservation Ontario Information Management Strategy (2016 – 2020)**

Lyle Pederson (Rideau Valley CA) commented on goal #2, specifically Technical Program Development re open data where it is stated “as resources permit” and recommended that this section of the strategy be amended. Further, it was suggested that more specific wording be added to indicate that, during 2016-17, CO will complete a list of possible CA datasets and potential users of the proposed open data.

Members were reminded that the phrase “as resources permit” was taken directly from the approved CO Strategic Plan. Rick Wilson (CO), addressed the concerns raised regarding the proposed 2016-17 work by reminding Members that the CO 2016 workplan already has a commitment to pursue the Great Lakes Observing System (GLOS) Open Data proposal. This proposal would see CO develop a workplan to identify what CA datasets are eligible to become open data and to develop a plan to assist CAs in achieving this end.

Motion to Defer (takes precedence):

Moved by: Geoffrey Dawe Seconded: Luke Charbonneau

THAT the report be referred back to staff, taking into account the comments made by the delegates, and that a report be brought back to the next meeting.

DEFEATED

Motion to Amend:

C.W.#04/16 Moved by: Lyle Pederson Seconded by: Doug Thompson

THAT the Proposed Final Draft of the Conservation Ontario Information Management Strategy (2016 – 2020), CO Strategic Plan Goal #2 – Aggregate, manage and disseminate shared knowledge; Technical Program Development be amended by removing the 2 occurrences of “As resources permit.”

CARRIED

Final Recommendation:

C.W.#05/16 Moved by: Lin Gibson Seconded by: Steven Arnold

THAT Council approve the Proposed Final Draft of the Conservation Ontario Information Management Strategy (2016 – 2020), as amended.

CARRIED

6) Conservation Ontario representation on the Great Lakes Guardians' Council

C.W.#06/16 Moved by: Steve Arnold Seconded by: Mark Burnham

THAT Chair of Conservation Ontario be endorsed as Conservation Ontario's representative on the Great Lakes Guardians' Council;

AND THAT Bonnie Fox, Manager Policy and Planning, Conservation Ontario be endorsed as the alternate.

CARRIED

8) Conservation Ontario's submission on the Waukesha Water Diversion Application: A request for a diversion of water from the Great Lakes

It was indicated that the Niagara Peninsula CA (NPCA) did not accept the recommendation in the Conservation Ontario submission, but rather received it. NPCA brought forward a short [video](#) on Waukesha small water taking which gave a differing opinion than the position put forward in the Conservation Ontario submission which the Members watched. Another resource was recommended by Cliff Evanitski entitled "Great Lakes Water Wars."

C.W.#07/16 Moved by: Deb Martin Downs Seconded by: Mark Burnham

THAT the comments submitted March 14, 2016 on the Waukesha Water Diversion Application be endorsed.

CARRIED

13) Conservation Authorities University Committee Representative and Update on a 2016-2017 CAU offering

The Chair acknowledged the work of Ken Phillips and welcomed Brian Tayler. CO staff were directed to forward a note to Ken Phillips acknowledging his contribution.

A 2nd round of CA University will begin in September 2016 subject to adequate registrations by June 1, 2016.

C.W.#08/16 Moved by: Rhonda Bateman Seconded by: Lin Gibson

THAT the Board Resolution (Jan 2016) appointing Brian Tayler (North Bay-Mattawa Conservation Authority) as a member of the Conservation Authorities University Committee be ratified.

CARRIED

16) Source Water Protection for First Nations

Members discussed their concerns with the proposal, and noted that there is not enough information from the MOECC regarding funding as well as the implications of providing support to areas outside of Source Protection Authority boundaries.

C.W.#09/16 Moved by: Steve Arnold

Seconded by: Heather Stauble

THAT COUNCIL approves, subject to funding from the Ministry of Environment and Climate Change, Conservation Ontario providing coordination support to Conservation Authorities in their dissemination of source water protection knowledge to First Nations communities inside and outside of Source Protection Authority boundaries as requested by First Nations communities.

CARRIED

18) Consent Agenda

C.W.#10/16 Moved by: Lin Gibson

Seconded by: Luke Charbonneau

THAT Council approve a consent agenda and endorse the recommendations accompanying Decision Items 16-5, 16-7, 16-9, 16-10, 16-11, 16-12, 16-14, 16-15, 16-17.

16-5 Conservation Ontario Representation on the Great Lakes Blue Accounting Advisory Committee

THAT Dick Hibma be endorsed as Conservation Ontario's representative on the Great Lakes Blue Accounting Advisory Committee.

16-7 Great Lakes Water Quality Agreement Executive Committee and Annex Sub-Committees Updates and Decision Items:

1) Nominations for Lakewide Partnership Management Committees;

THAT the following CAOs be endorsed as representatives for the Lake Partnership Management Committees with the expectation that the representatives will report back to CO Council: LAKE SUPERIOR: Rhonda Bateman, Sault Ste. Marie Region Conservation Authority and, Mervi Henttonen, Lakehead Region Conservation Authority; LAKE HURON: Phil Beard, Maitland Valley Conservation Authority and, Brian McDougall, St. Clair Region Conservation Authority; LAKE ERIE: Ian Wilcox, Upper Thames River Conservation Authority, and, Richard Wyma, Essex Region Conservation Authority (NOTE: both are currently members of the Lake Partnership Management Committee); and LAKE ONTARIO: Brian Denney, Toronto and Region Conservation, and, Terry Murphy, Quinte Conservation;

AND THAT the co-Chairs of the Lakewide Action and Management Plan Annex be informed of Conservation Ontario's nominations of representatives for Lake Partnership Management Committees in support of their Lake Action Management Plans.

2) Conservation Ontario's Submission on the Groundwater Science Report

THAT Conservation Ontario's submission on the dated January 31, 2016 to the groundwater science report be endorsed.

16-9 Conservation Ontario's Class Environmental Assessment for Remedial Flood and Erosion Control Projects 1) Five Year Review: Overview of Proposed Approach and 2) Update on the 2015 Annual Effectiveness Monitoring Report

THAT the proposed approach to undertake the five year review of Conservation Ontario's Class Environmental Assessment be endorsed.

16-10 CO Comments: Cap and Trade Program Design Options (EBR# 012-5666) and Climate Change Mitigation and Low-Carbon Economy Act, 2016 (EBR# 012-6844)

THAT the comments on the "Cap and Trade Program Design Options" (EBR# 012-5666) submitted to the Ministry of Environment and Climate Change on December 16, 2015 be endorsed;

AND THAT the comments on the "Climate Change Mitigation and Low-Carbon Economy Act, 2016" (EBR# 012-6844) submitted to the Ministry of Environment and Climate Change on March 24, 2016 be endorsed.

16-11 Conservation Ontario's Comments on the "Regulations prescribing certain short term water takings as Environmental Activity and Sector Registry (EASR) activities" (EBR#012-0580)

THAT the comments submitted January 13, 2016 to the Ministry of Environment and Climate Change on the "Regulations prescribing certain short term water takings as Environmental Activity and Sector Registry (EASR) activities" be endorsed.

16-12 Excess Soil Management Policy Framework (EBR# 012-6065)

THAT the comments submitted March 24, 2016 to the Ministry of the Environment and Climate Change on the Excess Soil Management Policy Framework (EBR# 012-6065) be endorsed.

16-14 Control of Invasive Species: *Phragmites australis* in Ontario

*THAT CO Council endorse the January 21st 2016 Letter to Premier Wynne Re: Control of Invasive Species: *Phragmites australis* in Ontario;*

*AND THAT CO Council endorse the January 26th, 2016 Letter to Richard Aucoin, Executive Director of the Pest Management Regulatory Agency of Health Canada Re: Emergency Use Registration (EUR) of Herbicide –Roundup Custom to Treat *Phragmites australis*.*

16-15 Oak Ridge Moraine Foundation Appointment

THAT Rob Messervey (CAO, Kawartha Conservation) be identified as the Conservation Ontario representative for appointment to the Board of the Oak Ridges Moraine Foundation.

16-17 Board of Directors Meeting Minutes to be received (August 17 2015, September 15 2015, October 14 2015, October 29, 2015)

THAT the Board of Directors Meeting Minutes be received.

17. Program Updates

There were no questions or updates to the program updates provided with the agenda package.

- 1) Source Water Protection
- 2) Marketing and Communications
- 3) Business and Partnership Development
- 4) Conservation Authority Member Services
- 5) Information Management (IM)

18. Committee of the Whole – Items for Information

1) General Managers Report

Kim highlighted the report provided in the agenda package. She noted that in the Summary of Outcomes attached to the staff report, the document omitted the finalization of the 22 Source Water Protection Plans therefore an updated version will be provided on the [Council Members' Page](#).

Members provided positive feedback for the 2016 Queen's Park Day and gave support for a future Queen's Park Day. It was suggested that the day needs to be booked well in advance.

Council directed Kim Gavine and Dick Hibma to draft up a list of names to provide to Eleanor McMahon for her to choose from who will participate on the Ministry's CA Act Review working group.

2) Overview of Recommendations of the Advisory Panel on the Coordinated Review of Four Provincial Plans

Heather Stauble (Kawartha Conservation) emphasized that, in the report there was a recommendation that infrastructure be located in existing corridors, as well as strong recommendations for enhancement, strengthening and protection of natural heritage, agricultural wetlands, etc. and we need to be cognizant of these priorities.

Brian Denney (TRCA) reported on some areas of importance as discussed at the GGH GMs meeting. He emphasized that we grab hold of Crombie recommendations 87 and 88 and that CAs should become a hub for the civil society component, particularly on the data management side. A number of NGOs are looking for a framework and indicators for sustainability and CAs need to become a hub for that. Need to demonstrate with Crombie how we plan to maintain agriculture and mainstream climate change.

3) Multi-stakeholder Letter of Support: Fees and the *Aggregate Resources Act* Review

There were no updates or questions.

4) Update on Special Project to Develop an Agricultural Guide to Conservation Authority Permits in the Greenbelt and Beyond

Bonnie Fox (CO) updated on the progress of the guide. A meeting is scheduled with a number of Section 28 Regulations staff, an Agricultural Stewardship CA staff an Ontario Federation of Agriculture staff person and a farmer from Halton region who are on the project advisory committee. The group will look at the agricultural activities and reach agreement on which activities could be no permit, streamlined permit, or full permit. Ultimately, this will be a general categorization of these activities and where they end up will be determined locally based on natural hazards in each watershed and in consultation with local agriculture. The end product will be a Guide to Development of an Agricultural Guide to CA Permits.

The next draft will go out before June Council for review by CAs and agriculture representatives.

5) *Smart Growth for Our Communities Act, 2015 (Bill 73)* Passed and Regulations under Review

There were no updates or questions.

6) CO Business Case for Reinvestment in Ontario's Flood Management Programs, Services and Structures

Jo-Anne highlighted her report and thanked CAs for their staff support.

CO members have asked that the CO definition of green infrastructure be clarified in reports and submissions. This has been raised because there are many uses of the term of green infrastructure. For example green energy infrastructure. CO is a member of Green Infrastructure Ontario and with GIO, CO has been promoting "living green infrastructure" to include natural systems and "vegetative technologies" that are incorporated in low impact development.

Making reference to Federal pre-budget submission and Federal Green Infrastructure Fund Jo-Anne reminded members of the benefits of partnerships with Green Infrastructure Ontario as an example. CO and CA staff recently learned that GIO reps had a productive conversation with the green infrastructure policy advisory at the Federal Minister of Infrastructure's office. It was a follow up conversation to the two "living green infrastructure" memos provided them over the past three months.

The advisor updated GIO reps on phase 1 of the federal infrastructure funding that was announced in the 2016 budget. The budget has \$2 billion for a Water and Wastewater Fund, a \$125 million augmentation to the Green Municipal Fund and some additional funding through Federation of Canadian Municipalities for municipal climate change support. The minister's office is in the process of finalizing the program details before it goes to Treasury Board for final approval.

The good news: Living green infrastructure will be formally included in the infrastructure funding criteria under the Water and Wastewater Fund program. They will be using a new term, 'naturalized systems', but the definition is consistent with CO/CA green infrastructure definition.

7) Ecohealth Ontario Information Update

There were no updates or questions.

8) Correspondence

The following correspondence was included in the agenda package:

- Yvan Baker, MPP to CO re presentation to Standing Committee on Finance & Economic Affairs
- MNRF to CO re Environmental Registry Decision Notice, Alterations, Improvements and Repairs to Existing Dams Technical Bulletin (*Lakes and Rivers Improvement Act*)

9) Project Tracking

There were no updates or questions.

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

#16/16 Moved by: Art Versteeg

Seconded by: Mark Burnham

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

CARRIED

20. Council Business

- Council Adoption of Recommendations

#17/16 Moved by: Lin Gibson

Seconded by: Lyle Pederson

***THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations:
C.W. #01/16 to C.W. #10/16.***

CARRIED

21. New Business

Steve Knechtel (Catarauqui Region) provided a heads up that Township of Leeds and the Thousand Islands recently passed a motion expressing concern about the planning and permitting service of the CA. The motion directs the mayor to speak to all the mayors of the member municipalities, and further that the letter be sent to all the municipalities in the province. Steve will be attending as a delegation to that township. Steve will be in contact with CO via the General Manager with updates on the situation.

Rob Messervey (Kawartha) reported that he was pleased to help represent CO at ROMA this year where there were 1400+ delegates. It was suggested that CO/CAs have a greater profile at future ROMA events. This will be further discussed at General Managers meeting in May.

22. Adjourn

#18/16 Moved by: Luke Charbonneau

THAT the meeting be adjourned.

Staff Report

6. (i)



To: Board of Directors
Date: June 1, 2016
From: Marlene Dorrestyn
Subject: Business Arising from April 21, 2016 meeting

1. send out information summaries regarding the court cases Conservation Ontario is involved with – *emailed May 19th*
2. concerns regarding the lack of sugar shack at A.W. Campbell – report to Board in September
3. regarding Mr. Molzan's request for assistance, send a letter of support to the Minister of Environment – drafted for Chair's signature
 - refer a copy to Source Protection – completed April 22nd

Staff Report

7.(i)



To: Board of Directors
Date: June 6, 2016
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Report

Conservation Areas:

- the Conservation Authority owns 15 conservation areas in the watershed
- of those 15 conservation areas, 6 are managed by the local municipality and 9 are operated by the Conservation Authority
- of these 9, 3 conservation areas are regional campgrounds which attract campers from primarily Southwestern Ontario
- our three regional campgrounds have over 500 campsites and 413 seasonal campers
- the three campgrounds are self-sufficient receiving no tax dollars towards the maintenance and operation; profits obtained from our campgrounds are used to offset capital improvements
- the camping season in 2016 runs from Friday, April 29 to Thanksgiving Day

Warwick Conservation Area (Warwick Township)

- the pool has been renovated with new 2 x 2 porcelain tile and colored quartz surfacing
- roads have been upgraded with gravel
- WIFI system has been upgraded with additional transmission units which will enhance reception and coverage
- a utility pole was replaced on the main campground feeder line
- a new rental canoe has been purchased (Foundation)
- 5 sections of boardwalk have been installed along the trail system
- a 5-acre parcel of agricultural land has been retired with trees as part of a climate change growth plot study. This study is in partnership with the Forest Gene Conservation Association, Forests Ontario, and SWATT (Southwestern Ontario Afforestation Technical Team (Forestry Department))



L.C. Henderson Conservation Area (Enniskillen Township)

- the campground pool fence has been replaced with new chain link fence
- roads have been upgraded with gravel
- 2 shower areas have been renovated with new shower surrounds and ceramic tile installed on the floors and walls
- a three-piece dock system has been constructed and installed; this will provide additional access to the pond for wetland studies and better fishing access for our visitors (Foundation)
- new roadside and directional signage has been installed



A.W. Campbell Conservation Area (Municipality of Brooke Alvinston)

- the 12 x 34 ft addition to the existing workshop has been completed; the addition will facilitate a superintendent's office, staff lunch room and storage.
- roads have been upgraded with gravel
- pool washrooms have been upgraded with new lighting and washroom fixtures
- bike cross trail has been upgraded with new trail surfacing
- 3 sections of boardwalk have been installed along the Lakeside Trail
- a new rental canoe has been purchased (Foundation)



Other Lands Activities:

- a new property identification sign has been installed at the Esli Dodge Conservation Area (Municipality of Lambton Shores)
- 3 board walk sections have been replaced along the trail at the Clark Wright Conservation Area (Strathroy-Caradoc)

- a memorial bench has been installed at the Marsh Walk Wetlands (Strathroy-Caradoc)
- board walk sections have been repaired at the Strathroy and Coldstream Conservation Area's
- main access roadway at Highland Glen has been upgraded with 2 loads of gravel

Marketing/Camping Statistics:

Our conservation areas have been marketed in the following publications or events in 2016:

- Sarnia Lambton and Chatham-Kent Tourism Guide
- Camping ads have been placed on MyFm, Strathroy & District Chamber of Commerce, and Sarnia Lambton Chamber of Commerce websites
- Conservation Ontario – “Your Guide to Conservation Areas”
- Blue Water Tourism Guide (in partnership with other Conservation Authorities)
- Central Lambton Travel Guide
- Middlesex Home & Leisure Show (Strathroy Gemini Complex – April 30th)
- Sarnia Art Walk (Downtown Sarnia, June 4th and 5th)
- 413 seasonal campers have registered in our 3 campgrounds, down from 418 in 2015. 188 seasonal campers are registered at Warwick (190 in 2015), 117 at LC Henderson (120 in 2015) and 108 at A.W. Campbell (108 in 2015).

2016 Conservation Area Staff

Director of Lands

Kevan Baker

A.W. Campbell Conservation Area

Mike Tizzard (Superintendent)
 Don Skinner (Assistant Superintendent)
 Mary Ann Niewenhuizen (Maint. Foreman)
 Travis Pavey (Visitor Services)
 Emily Quinn (Lifeguard - summer)
 Alexandra Humphries (Lifeguard- summer)
 Amy Dymond (Visitor Services)
 Madison Gagnon (Gate, summer, part-time)

L.C. Henderson Conservation Area

Terry Barrie (Superintendent)
 Mark Bakelaar (Assistant Superintendent)
 Sherry Turner (Maint. Foreperson)
 Joe Breakey (Visitor Services)
 Courtney Murray (Lifeguard – summer)
 Sally Butler (Gatehouse, summer, part-time)

Warwick Conservation Area:

Bill Turner (Superintendent)
Glenn Baxter (Assistant Superintendent)
Jesse VanderVaart (Visitor Services- seasonal)
George Ruiger (Visitor Services – seasonal)
Donna Breakey (Gatehouse – seasonal)
Ella Lassaline (Gatehouse/ Events – summer)
Tyler Wright (Maintenance – summer)
Stephen Oulds (Maintenance – summer)
Dana Jeffery (lifeguard – summer)
Tasha VanderWal (lifeguard – summer)

Keith McLean Conservation Lands:

Kelly Johnston & Matt Caron (Part-time)

Foundation Lands:

- the St. Clair Region Conservation Foundation owns 16 land holdings and 456 hectares of land; these lands are maintained and operated by the Conservation Authority
- staff have remarked the property boundaries and have seeded the access laneway at the Huff Woodlot (Chatham-Kent)
- new property identification signs have been installed at the Gawne Habitat Management Area (Dawn-Euphemia) and Evoy Woods (Enniskillen)
- the agriculture lands at the Gawne and Sinclair properties have been leased for the next 5 years.
- the drainage pump and motor in the pump house along Kent Bridge Road has been repaired with a new electric motor and new bearings installed in the drive shaft (Keith McLean Conservation Lands, Chatham-Kent)
- prescribe burns were carried out on 3 of the tall grass prairie plantations (McLean)
- at the Evoy Woods (Enniskillen) the property boundary survey stakes have been located and marked; a new property identification sign has been installed and forestry staff are preparing a forest management plan which will enable the property to be eligible for the Managed Forest Tax Incentive Plan (MFTIP)
- the Foundation will provide financial assistance to the Conservation Authority to support the development and maintenance of trails on our properties



County of Lambton Lands:

- a new trail loop has been completed at the Perch Creek Habitat Management Area
- fencing has been upgraded on the sand hill in Port Franks; the fence restricts access and allows for dune grasses to become established (Lambton County Heritage Forest)
- trail head signage has been installed at the Lambton County Heritage Forest
- a new property identification sign has been installed at the Bowens Creek Management Area

McKeough Upstream Lands:

- wetlands on properties 38 and 79 have been upgraded to improve water retention and reduce soil erosion to the berms
- a climate change tree growth plot has been planted at property 105; this plot consists of 600 red and swamp white oak seedlings and the study will compare the growth and survival rates of locally supplied and southern U.S. trees (Forestry Department)
- two agricultural parcels to have randomized tile installed to assist with the drainage on the property



Staff Report

7.(ii)



To: Board of Directors
Date: June 6, 2016
From: Kevan Baker, Director of Lands
Subject: ATV Activities on Authority and Foundation Lands

- this report has been generated in response to correspondence received from a trail user at the Coldstream Conservation Woodlot property
- the Authority and Conservation Foundation own in excess of 3,000 acres of land comprised of Conservation Areas, Foundation Lands and McKeough Upstream properties
- these lands are generally rural in nature consisting of woodlots, wetlands, campgrounds, flood plains and beach front property
- the use of these properties can vary greatly from agricultural, to managed woodlots, to intense recreational to unmanaged natural areas
- each property has the potential to have unauthorized ATV activity on them; in most cases the activity on our properties is minimal but there have been isolated cases that have occurred and have proven to be very difficult for staff to stop or control
- in the more active cases signage and blockage/fencing entrance points has been used but has been ineffective; signage is generally removed quickly and fencing is cut to gain access



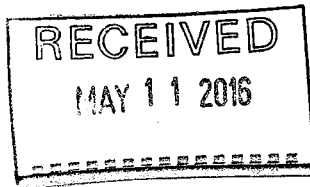
Coldstream Conservation Area Woodlot Property:

- this area comprises approximately 25 acres of rehabilitated gravel pit, woodlot and natural area
- trails were developed to facilitate the extraction of wood during woodlot improvement and commercial thinning operations
- the trails were maintained by Authority staff on an annual basis by removing fallen trees on the trail system and patrolling the area during the fall deer hunting season

- over the past 5 or 6 years, staff have noticed increased ATV activity on this property and have posted signs to advise users that this activity is prohibited; most signage was removed within a short time
- ATV activity is not confined to our property only - there are 3 other properties where this activity is occurring; the ATV user must cross our property to access the largest trail section on the adjoining property
- all 3 property owners have been contacted but none are interested in stopping the activity on their property.

Staff Action to Date:

- the individual who confronted the group was contacted and he was instructed not to use the trails for ATV use; and to pass this message on to others
- staff are working with Enviro-Friends of Coldstream to see if we could work with the community to stop ATV use on the property
- Police and staff are patrolling the property with more frequency
- new signage has been installed



107 Somerset Crescent,
London, Ont., N6K3L8
May 7, 2016

St. Clair Region Conservation Authority,

I was a member of a group of about thirty Nature London members who hiked in the Coldstream Conservation Area on The Quarry Trail today between 10 a.m. and noon. I am writing to express my concern that ATVs are destroying that Conservation Area. While we were there one rider on an ATV and one on a motorbike tore through the area, there were almost no birds to be seen. One adult on foot seemed to be the defense for the riders. When reminded that this is a conservation area he replied that they had been doing this for twenty years. He told the riders to continue back to their own property until these city people return to the city. (This makes me think the riders live on adjacent properties.) When the ATV turned around it was off trail and destroyed a nearby bed of wildflowers. The roar of vehicles continued not far off.

We did not enjoy what could be a beautiful, peaceful conservation area. The birds certainly sought quieter grounds. We certainly did not feel welcomed there. What a shame! A few ATV riders have claimed The Quarry Trail as theirs and they certainly have established what amount to "roadways" throughout the area – there are no real "trails".

I realize it is a challenge for the Conservation Authority. I did not see any signs to say ATVs are not allowed, perhaps the mistake is mine and they have free reign. If not I would suggest signs stating fines. If enforcement is not in place, nothing is gained. (One member of the group called the local OPP office on her cell while we were there but she received a message that the office was closed.)

I will not return to the Quarry Trail again nor will I recommend it to friends. I do enjoy the rest of the Coldstream Conservation Area. There are many well maintained Conservation Areas nearby, so we have plenty to choose from. I have visited many this year, The Quarry Trail was by far the worst I have visited. I have taken the time to write this not so much to complain as to lament that an environmental treasure is being lost to the hands of a few who could care less about that space. We each have a responsibility to do our share of caring for this earth.

I would appreciate it if you would forward this letter to the Board of Directors for the St. Clair Region Conservation for their consideration and action.

Sincerely,
Michael Rouse
Michael Rouse

Staff Report

To: SCRCA Board of Directors 8.(i)
 Date: June 10, 2016
 From: Steve Clark, Water Resources Specialist
 Subject: Current Watershed Conditions

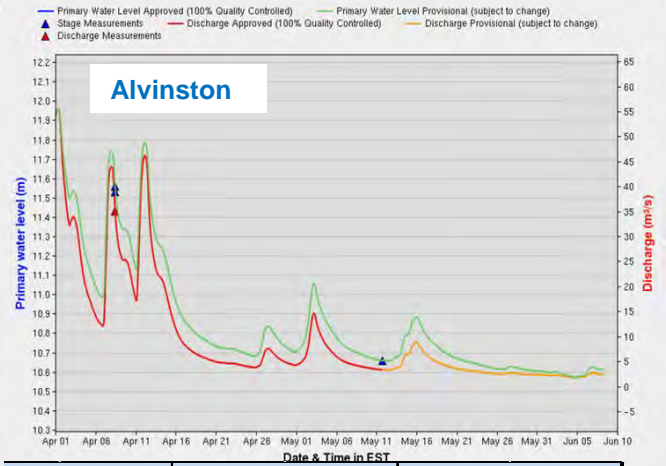
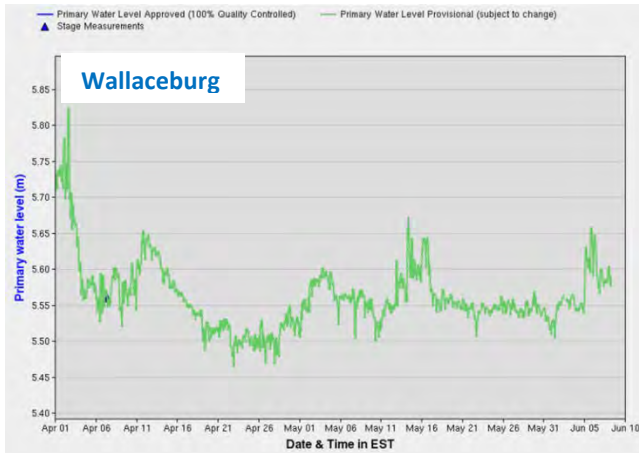
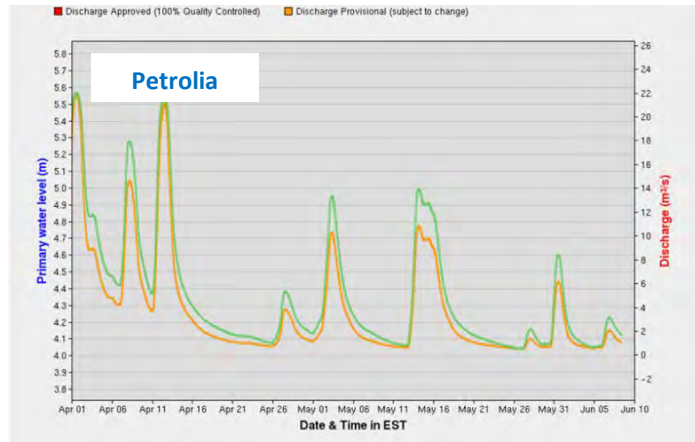


Watershed Precipitation and Streamflow Conditions

- the months of April and May were significantly dry months when compared with the average precipitation and this resulted in gradually diminishing flows in watercourses over the period.
- following several storm events and in conjunction with the spring thaw period, flows in the first part of April remained high but returned to seasonal normal by the end of May

Highlights:

- Low precipitation in April and May
- Average flow conditions across watershed



| Precipitation (mm) | Sarnia | | Strathroy | | London | | Windsor | |
|---------------------------|---------------|--------|-----------|--------|--------|--------|---------|--------|
| Last Quarter | Actual | Normal | Actual | Normal | Actual | Normal | Actual | Normal |
| May | 46.4 | 69.9 | 67.2 | 74 | 31.1 | 82.9 | 38.5 | 80.8 |
| April | 53.6 | 75.4 | 81.8 | 84 | 48.6 | 82.2 | 53.2 | 85.1 |
| March | 137 | 62.6 | 108 | 74.9 | 141 | 78.4 | 140 | 75 |
| Averages | | | | | | | | |
| last 3 month totals | 237 | 207.9 | 257 | 232.9 | 220.7 | 243.5 | 231.7 | 240.9 |
| last 3 month % of normal | 114.0% | | 110.3% | | 90.6% | | 96.2% | |
| regional average | 102.8% | | | | | | | |
| last 6 month totals | 381.6 | 373.7 | 446.6 | 461.7 | 414.6 | 466.3 | 431.7 | 430.5 |
| last 6 month % of normal | 102.1% | | 96.7% | | 88.9% | | 100.3% | |
| regional average | 97.0% | | | | | | | |
| last 12 month totals | 800 | 846.8 | 950.9 | 945.1 | 888.1 | 987 | 1002.6 | 918.4 |
| last 12 month % of normal | 94.5% | | 100.6% | | 90.0% | | 109.2% | |
| regional average | 98.6% | | | | | | | |

- precipitation for the past three months resulted in close to 100% of the expected values due mostly to the month of March with 150% to 200% of the normal. With April and May being significantly lower (see above) the last three months had at the time the potential to become a dry period but ended the period with average values. As we move into June there have been several heavy rainstorms and we anticipate numbers to improve into the summer (see (8.ii) Low Water Conditions Report)

| Monthly % Normal | Sarnia | Strathroy | London | Windsor |
|------------------|--------|-----------|--------|---------|
| April 2016 | 71% | 97% | 59% | 63% |
| May 2016 | 66% | 91% | 38% | 48% |

Flood Threat

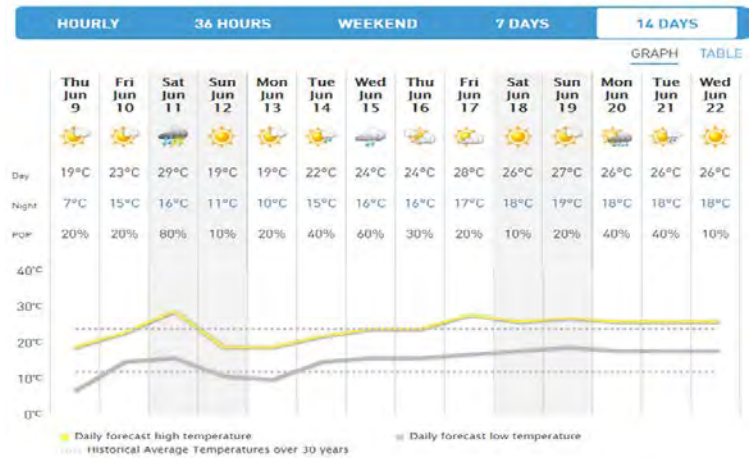
With reduced rainfall in May, flows have returned to seasonal averages with capacity to accommodate most rain events moving into June.

As always we will continue monitor flows and any significant storm events. Advisories will be provided as conditions dictate.

Weather Forecast (Data: Weather Network, Environment Canada, OFA)

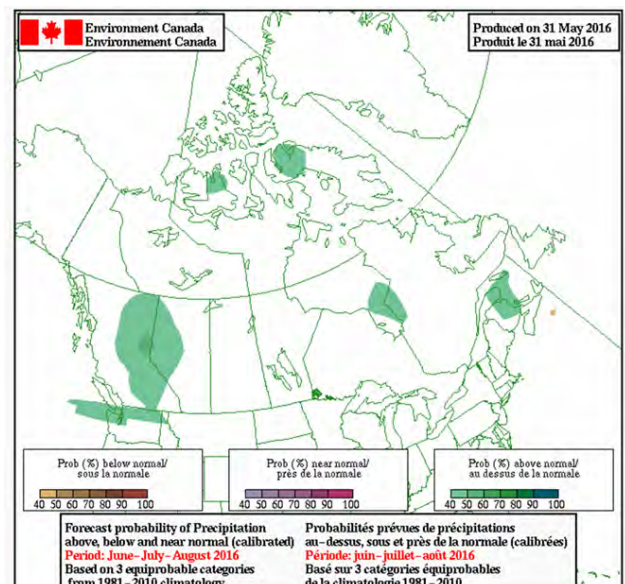
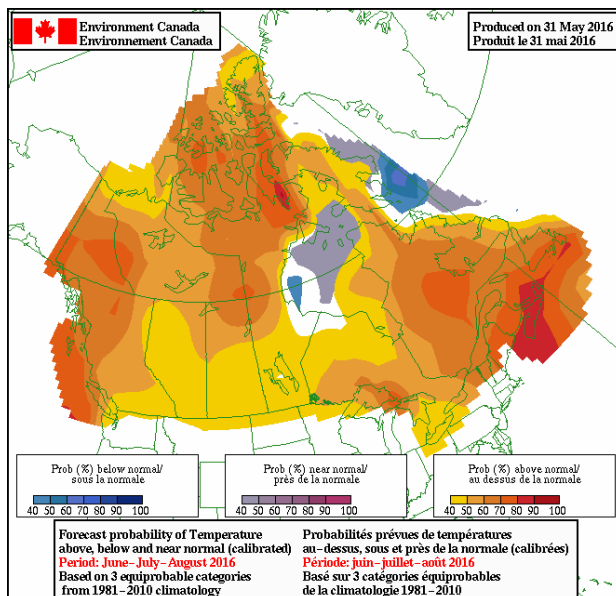
Short Term Outlook

- Average temperature and precipitation across the region over the next 14 days



Long Term Outlook

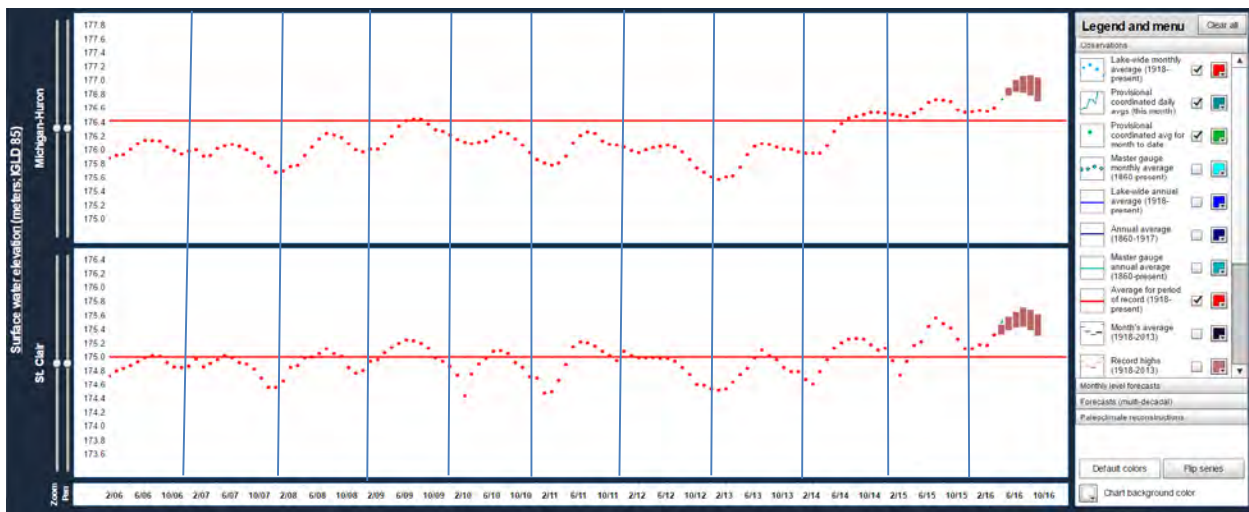
- Environment Canada anticipates a 40% chance that temperatures will be above average and precipitation will be normal for the summer months



Great Lakes Levels (Canadian Hydrometric Service data – May 2016)

The monthly comparison for May 2016 (current available data) indicate that Lake Huron levels have increased by **23cm** over May 2015 and continue to remain above the 10 year average for Lake St. Clair and Lake Huron at **45cm** and **66cm** respectively and also remain above the average for the entire period of record.

| Units | Current Monthly Level | Monthly Level Last Year | Change 2015/2016 | Current Month Avg for Last 10 Years | Change Current compared to 10 year | Anticipated Next Month | Average for Period of Record (96 years) |
|-----------------------|-----------------------|-------------------------|------------------|-------------------------------------|------------------------------------|------------------------|---|
| <u>Lake St. Clair</u> | | | | | | | |
| Metric (m) | 175.5 | 175.22 | 0.28 | 175.05 | 0.45 | 175.52 | 175.12 |
| Imperial (ft) | 575.79 | 574.87 | 0.92 | 574.31 | 1.48 | 575.85 | 574.54 |
| <u>Lake Huron</u> | | | | | | | |
| Metric (m) | 176.82 | 176.59 | 0.23 | 176.16 | 0.66 | 176.86 | 176.47 |
| Imperial (ft) | 580.12 | 579.36 | 0.75 | 577.95 | 2.17 | 580.25 | 578.97 |



Ipperwash Beach 2011



Ipperwash Beach 2016



Staff Report

To: SCRCA Board of Directors

8.(ii)



Date: June 10, 2016

From: Steve Clark, Water Resources Specialist

Subject: Low Water Response Report

Overview

Water levels across the province have remained consistently higher than average since the spring freshet period. Snowpack was reduced gradually into the spring season in most areas however significantly higher precipitation in late February and March contributed to ongoing higher flows alleviating any specific concerns relating to low water conditions at that time. Regional numbers (fig 1.) indicates only slightly higher than average precipitation over the past three (102%) and below average for the six months (97%) and closer to 100% overall for the past 12 months. It should be noted that in both April and May precipitation amounts were significantly less than average. This was offset by extensive precipitation in March across the region resulting in near normal precipitation for the last 3 months

Figure 1. Regional Precipitation (Environment Canada Data)

| Precipitation (mm) | Sarnia | | Strathroy | | London | | Windsor | |
|-----------------------------|---------------|--------|-----------|--------|--------|--------|---------|--------|
| | Actual | Normal | Actual | Normal | Actual | Normal | Actual | Normal |
| Last Quarter | | | | | | | | |
| May | 46.4 | 69.9 | 67.2 | 74 | 31.1 | 82.9 | 38.5 | 80.8 |
| April | 53.6 | 75.4 | 81.8 | 84 | 48.6 | 82.2 | 53.2 | 85.1 |
| March | 137 | 62.6 | 108 | 74.9 | 141 | 78.4 | 140 | 75 |
| Averages | | | | | | | | |
| last 3 month totals | 237 | 207.9 | 257 | 232.9 | 220.7 | 243.5 | 231.7 | 240.9 |
| last 3 month % of normal | 114.0% | | 110.3% | | 90.6% | | 96.2% | |
| regional average | 102.8% | | | | | | | |
| last 6 month totals | | | | | | | | |
| | 381.6 | 373.7 | 446.6 | 461.7 | 414.6 | 466.3 | 431.7 | 430.5 |
| last 6 month % of normal | 102.1% | | 96.7% | | 88.9% | | 100.3% | |
| regional average | 97.0% | | | | | | | |
| last 12 month totals | | | | | | | | |
| | 800 | 846.8 | 950.9 | 945.1 | 888.1 | 987 | 1002.6 | 918.4 |
| last 12 month % of normal | 94.5% | | 100.6% | | 90.0% | | 109.2% | |
| regional average | 98.6% | | | | | | | |

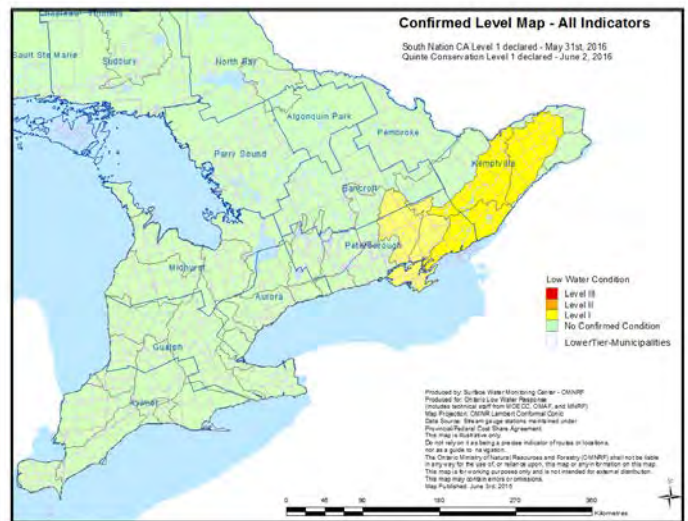
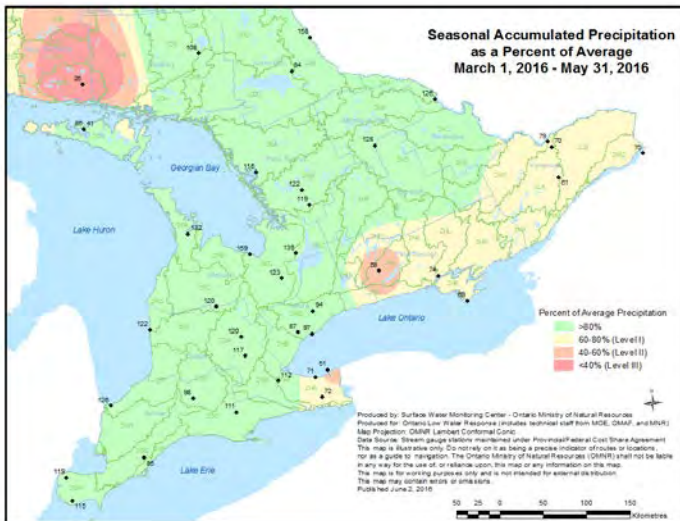
Provincial Low Water Conditions Report – April 2016 (MNR Data)

Provincial conditions indicate several watersheds in the eastern areas of the province reporting low water conditions as defined by the standard precipitation criterion of three month and eighteen month historical analysis. With April and May precipitation amounts being significantly lower (figs 1 and 2), flows have been negatively impacted in some regions as of the end of May resulting in confirmed low water conditions in the eastern part of the province and Niagara region (fig 3). Additional provincial information is available at the MNR website: <https://www.ontario.ca/page/low-water-response-program>

| Region | Precipitation (monthly) ¹ | Flows (monthly) ² |
|-----------------|---|---|
| MNR Southern | <ul style="list-style-type: none"> To date (June 2, 2016, there are 4 Conservation Authorities in a Confirmed Level I³ Low Water, (Catawaqui, Quinte, Rideau and South Nation). Southern Ontario overview: Almost all stations reported below 40% of the average expected precipitation for May. 3 month precipitation: Several stations reported below 80% and a few reported below 60% of the average expected precipitation for the period March 1, 2016 through May 31, 2016. 18 month precipitation: Several station reported below 80% of the average expected precipitation for the period December 1, 2014 to May 31, 2016. <p>Southern Ontario is forecast to receive 10-50mm of precipitation over the next 5 days.</p> | <ul style="list-style-type: none"> A number of stations in the Golden Horseshoe South reported below 70% of the average using the criterion² for stream flow. <p>Flood Potential:</p> <ul style="list-style-type: none"> Low |
| | <p>Average Historical Precipitation</p> <ul style="list-style-type: none"> Overall average May precipitation ranges from 60mm to 110mm. Most Stations range from 70mm to 80mm. <p>Environment Canada 3 Month Outlook (June – July – August)⁵</p> <ul style="list-style-type: none"> Above normal temperatures for entire region. Near normal precipitation for entire region. | |

Figure 2. Three Month Precipitation (MNR Data)

Figure 3. Provincial Report – All Indicators



In addition, conditions did not improve into May further impacting longer term averages potentially creating low water conditions into the summer months for 2016 however, several major storm systems in the first part of June may alleviate these conditions in some areas of the province.

Figure 4. May 2016 Streamflow (MNR Data)

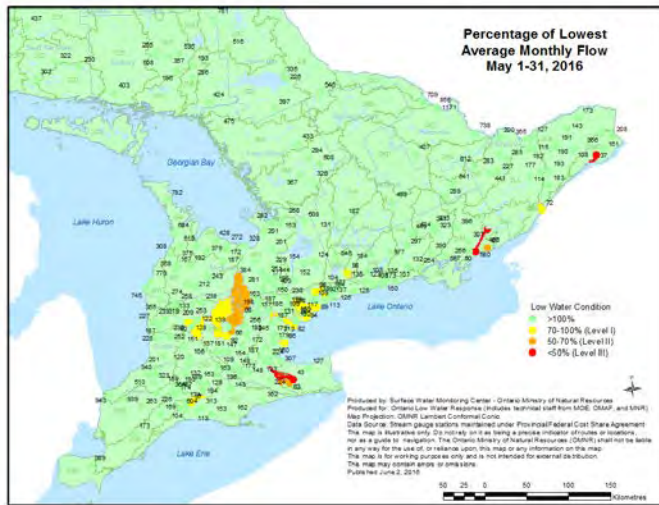
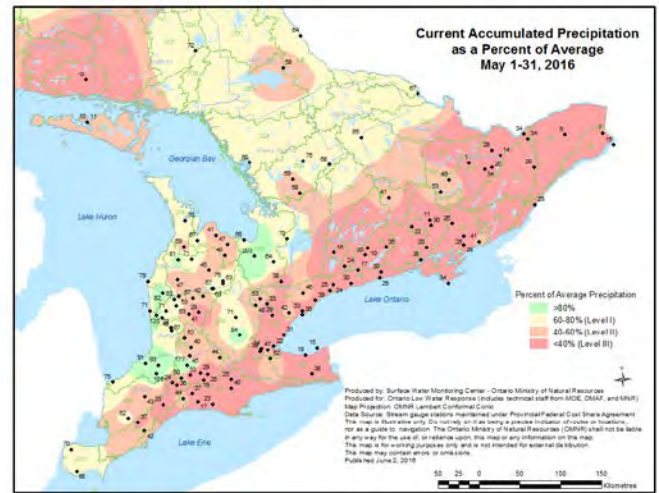


Figure 5. May 2016 Precipitation (MNR Data)



SCRCA Regional Data

Precipitation: Figures for our region are consistent with conditions across the province for May with precipitation being only 60% of the average for the month in the north areas of the watershed (fig 6) and between 60% to 80% in the southern half of our region (fig 7). Three month numbers (figs 8 and 9) however show precipitation near or above normal for the period. Based on this trend there is a notable short-term deficiency in precipitation which could potentially impact watershed flows should this pattern continue into the summer.

Figure 6. May Precipitation – North Branch (SCRCA Data)

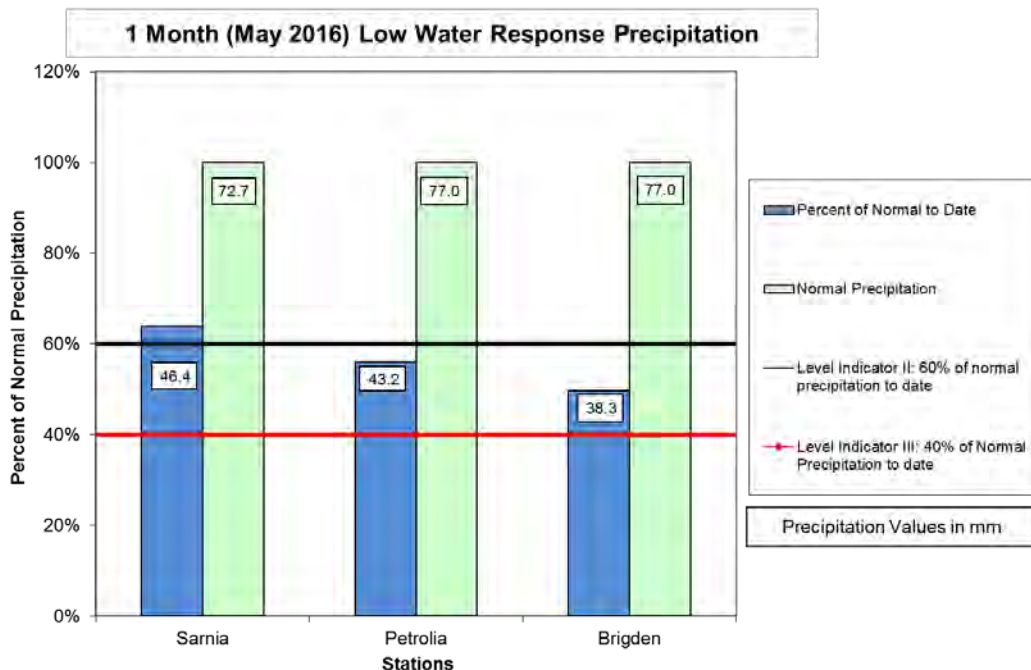


Figure 7. May Precipitation – East Branch (SCRCA Data)

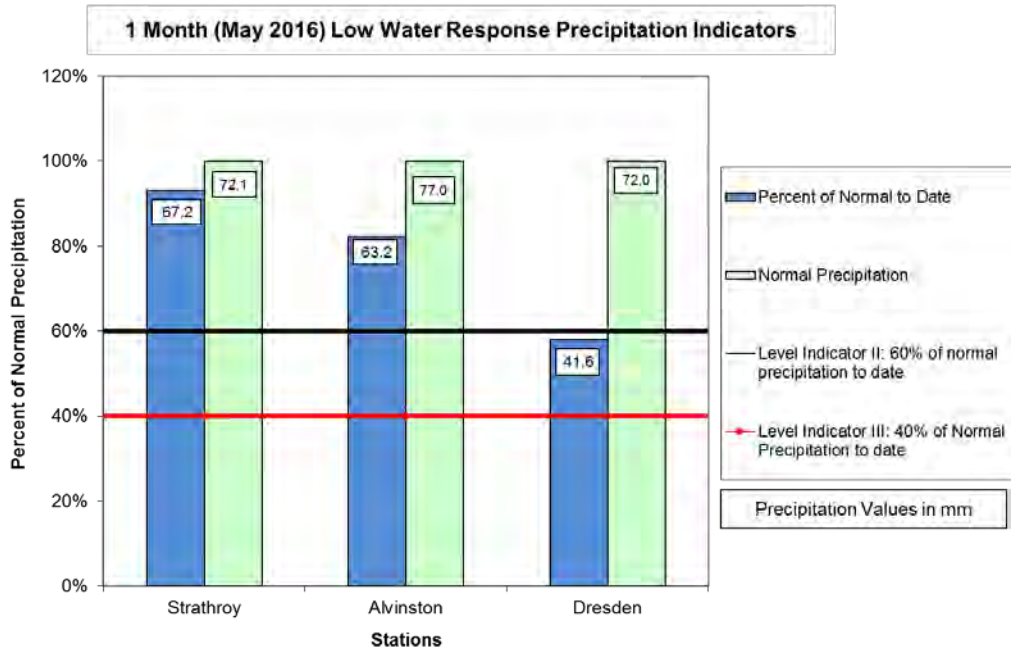


Figure 8. 3 Month Precipitation – North Branch (SCRCA Data)

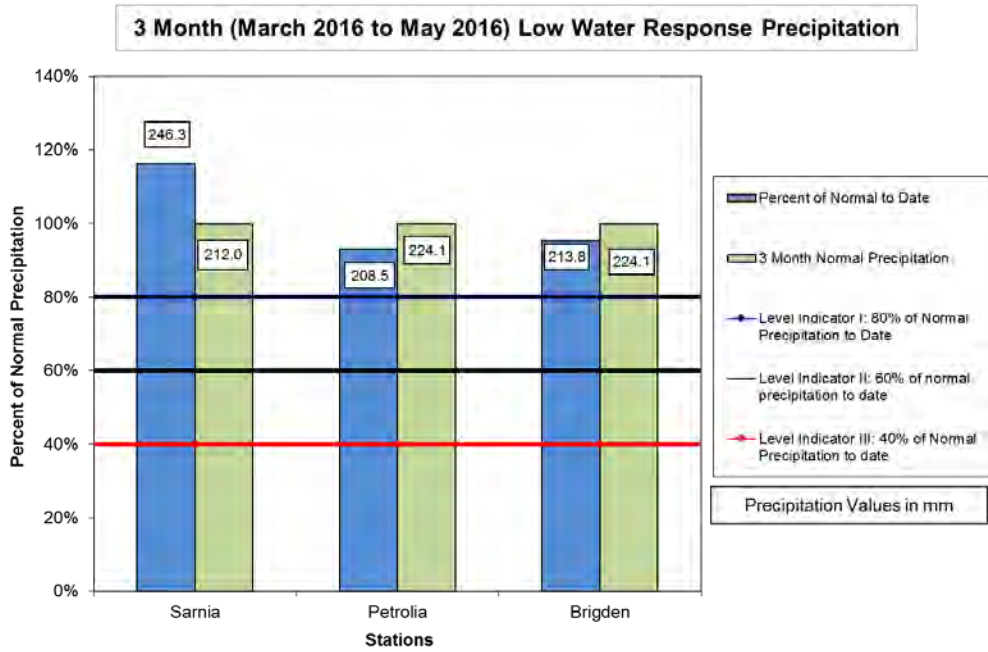
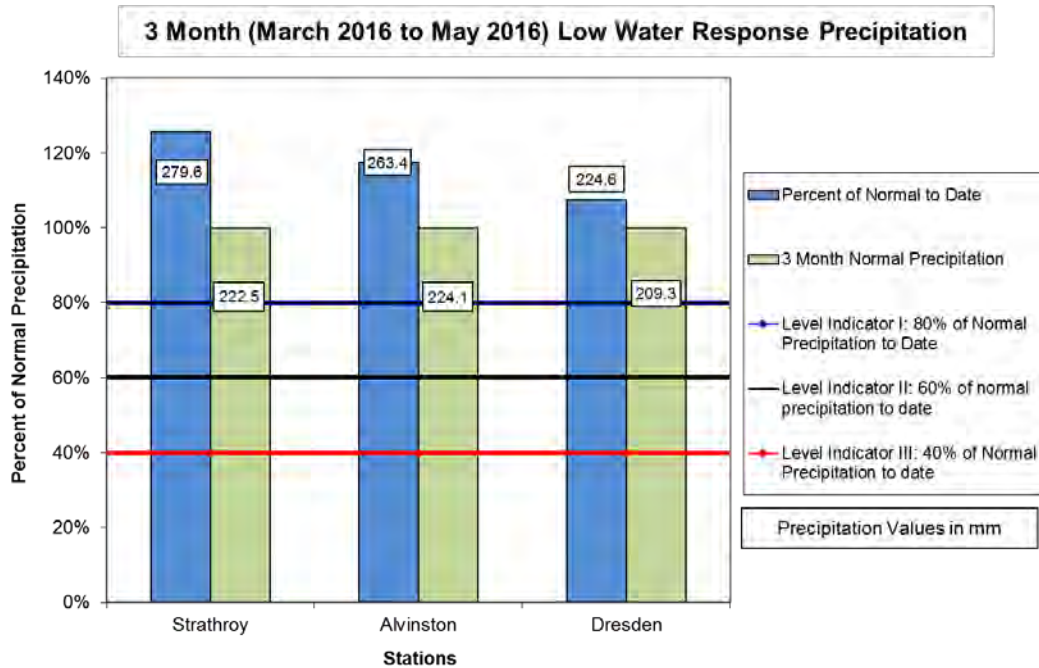


Figure 9. 3 Month Precipitation – East Branch (SCRCA Data)



Figures 10 and 11 provide a comparison of long term monthly precipitation by based on the north and southern regions of the SCRCA watershed. When compared to the same period in 2015, May stands out as having lower precipitation in 2016 providing the potential for reduced recharge into the overall system as we move into the summer months.

Figure 10. 18 Month Precipitation – East Branch (SCRCA)

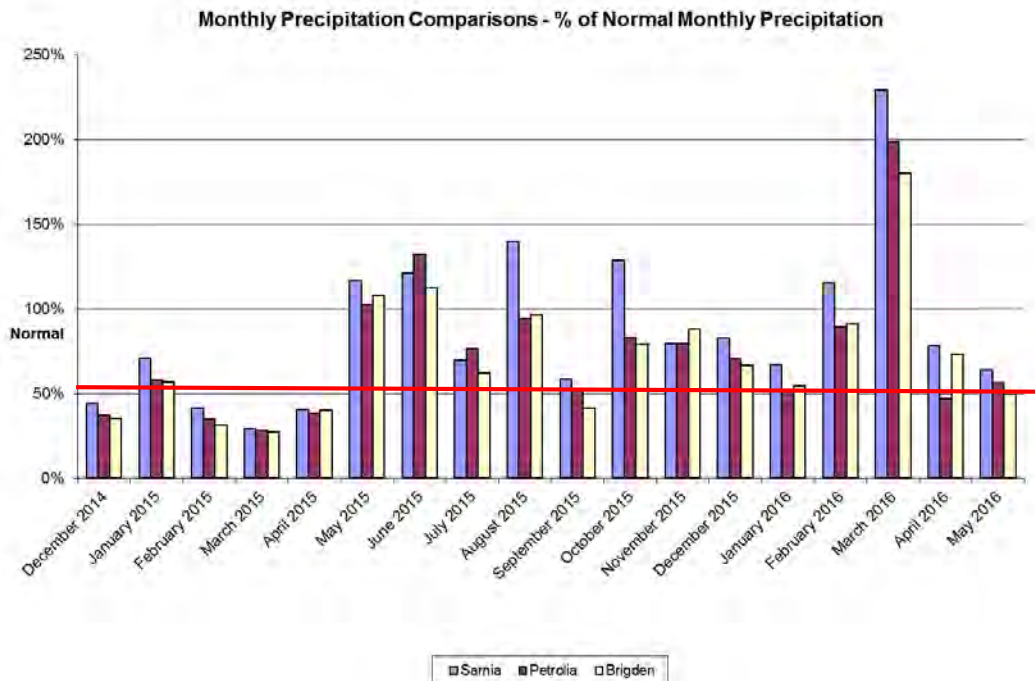
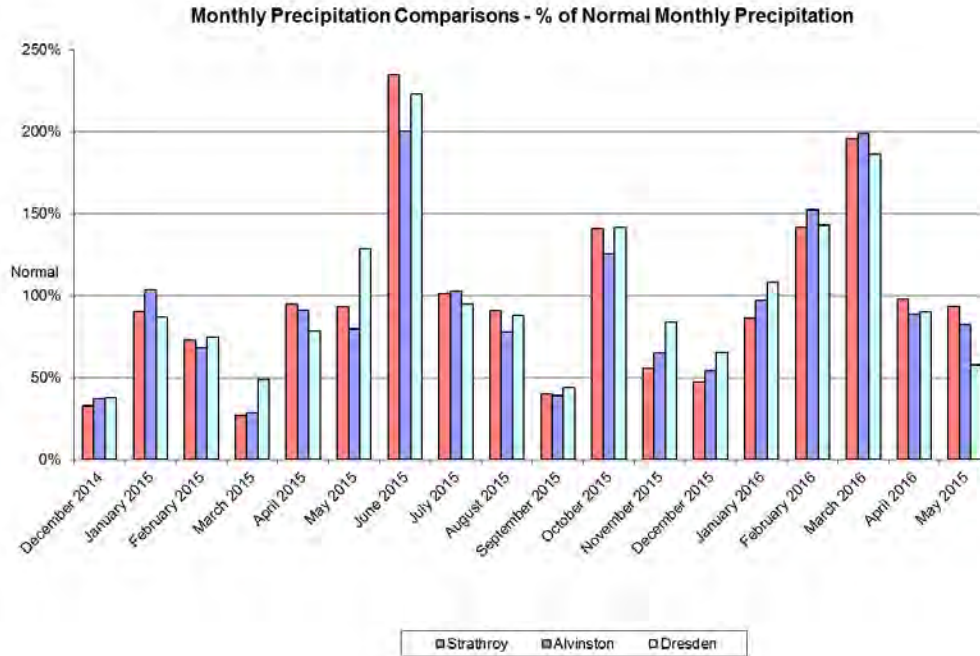


Figure 11. 18 Month Precipitation – East Branch (SCRCA)



Streamflow: Flow figures for May are compared to lowest summer monthly average flows as defined by the MNR criteria for Low Water analysis and forecasting (figs 12 and 13). This parameter provides some guidance when forecasting flow numbers into the summer months. By comparison based on North and East branches of the Sydenham watershed, all flows for May are substantially above summer low flow periods. When combined with current precipitation figures however, there is the possibility of lower flows into the summer considering that April and May were slightly below average. June figures are showing slightly improved rainfall and it is possible that precipitation will be normal for the remainder of the spring season. While it is unlikely there will be low water conditions into the summer, as with any weather conditions, this remains somewhat unpredictable and will continue to be monitored into June.

Summary

Based on current data for May there is a slight potential for Level I conditions especially if below average precipitation is received in the remainder of June. However, based on longer term 3 and 6 month analysis, the current conditions are less significant and are not as likely to result in the need for Low Water Response. Should conditions change we will update the committee accordingly as we move into the summer.

Figure 12. Streamflow Indicators – North Branch (SCRCA)

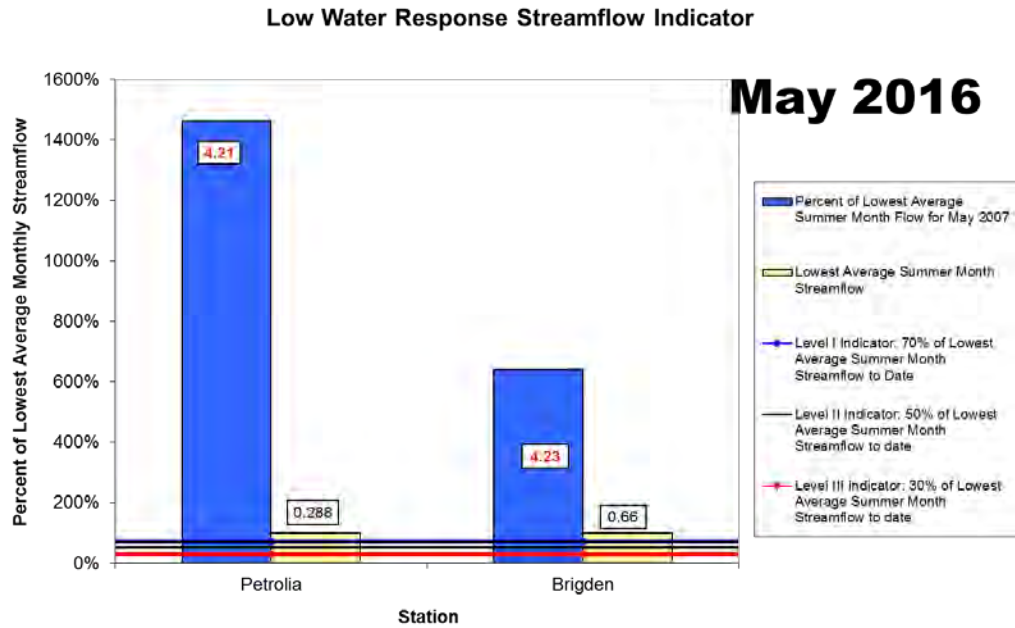
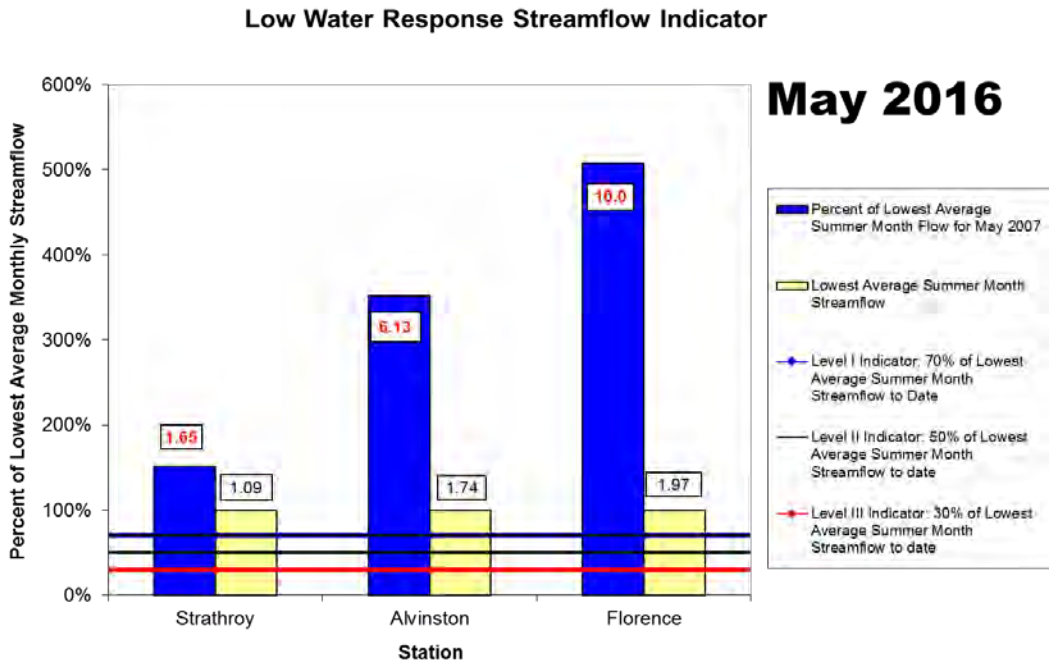


Figure 13. Streamflow Indicators – East Branch (SCRCA Data)



Staff Report

To: Board of Directors
 Date: June 8, 2016
 From: Girish Sankar, Director of Water Resources
 Subject: Water & Erosion Control Infrastructure (WECI) Projects

- review of WECI applications have been completed by a committee of provincial and Conservation Authority staff representatives.
- applications submitted included several Flood control projects from GRCA, UTRCA and TRCA
- flood control projects in urban areas get significantly higher points as per WECI scoring
- following 2 projects were approved for **2016- 2017**.

| Structure | Project Name | Description of Work | Total Project Cost (\$) | Grant Requested (\$) |
|-------------------|-------------------------------|--|-------------------------|----------------------|
| McKeough Floodway | McKeough Floodway Berm Repair | Perform repair work along the floodway | \$100,000 | \$50,000 |
| McKeough Floodway | Dam Safety Review | Study to review safety of McKeough Dam | \$40,000 | \$20,000 |

- we continue to wrap up projects on a monthly basis. Status of **2015 – 2016** projects is outlined below:

| Structure | Project Name | Status |
|----------------------------|------------------------------------|-----------|
| Wallaceburg Retaining wall | McKD-Hazard Tree Removal | Completed |
| McKeough Dam | McKeough Dam Drop structure repair | Ongoing |
| McKeough Dam | Culvert Replacement | Completed |
| ARDA dykes | Hazard Tree Removal | Completed |

Stop Logs:

We are in the process of replacing wooden stop logs from Petrolia and Head Street Dam.



Staff Report

8.(iv)



To: Board of Directors
Date: June 14, 2016
From: Girish Sankar, Director of Water Resources
Subject: McKeough Dam Safety Review

McKeough Dam Safety Review components:

- revise the hydrologic model for updated design storms
- re-evaluate the discharge capacity and freeboard requirements
- perform dam break simulations and undertake inundation mapping to assist in determination of the Incremental Hazard Potential
- confirm HPC considering dam break simulations and inundation mapping
- determine IDF based on confirmed HPC
- Structural Stability Analysis
- assess geotechnical bearing capacity, settlement, and liquefaction potential of the overburden foundation material
- update Operation, Maintenance, Surveillance and Safety (OMSS) Manual
- update Emergency Preparedness Plan (EPP)
- contingency item: Probable Maximum Flood (PMF) confirmation should the initial determination of the HPC be HIGH or VERY HIGH
- contingency item: Geotechnical investigation if the assumed 33-degree friction angle is found to be inadequate when the stability analysis is confirmed
- assessment of floodway
- structural investigation of outlet Control structure
- gatehouse crack review

We are in the process of developing the request for quotes (RFQ) for the above noted review. The completed RFQ will be posted on our website and sent out to consulting engineers who we have identified with the skills to undertake this type of work. We expect these quotes to be received in August 2016 with the intention to award the project and undertake the works in late summer and fall 2016. The budget for the work is \$40,000 (\$20,000 approved under WECL funding). As the quotation process will occur over the summer months we seek approval from the Board to permit the Chair and General Manager to accept the lowest bid, subject to the project budget.

Staff Report

9.(i)



To: Board of Directors
Date: June 10, 2016
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program

In the past few months Healthy Watersheds staff have been attending learning events as well as landowner outreach and stewardship events.

April 22 - Saugeen Conservation Stewardship Day – River Restoration

Staff heard case studies about stream restoration projects conducted by municipalities and Trout Unlimited. It was a great day to excite us about the potential for creating better trout and Northern pike habitat in our watershed.

April 23 – Forest Home and Garden Show

Staff had a booth at the Show to highlight stewardship grants available for landowners in Lambton Shores. Several people were interested in the Great Lakes Agricultural Stewardship Initiative (GLASI) as well as creating reptile and amphibian habitat on their property. As usual, our stuffed snapping turtle and Eastern Foxsnake were big hits among young and old alike.

In both the Lambton Shores and Upper Sydenham River watersheds, we've had a number of landowners interested in wetland projects. We are currently seeking funding to provide cost share for these projects. It is wonderful to have more projects than funding – that means we have a lot of landowner buy-in! This picture is of a property where the landowner is interested in converting a low spot of an agricultural field into a wetland to slow runoff and create habitat for wildlife.



April 26 - St Vincent de Paul tree planting

Staff participated in a local school greening program with ReForest London. Students from St Vincent de Paul Separate school helped create an outdoor classroom with funding support from the SCRCA Foundation and RBC. The Foundation supplied 5 large stock trees and 10 shrubs for the classroom. RBC volunteers were on hand to help with the digging. The students loved being a part of creating their own classroom.



April 27 - Is the Coast Clear? Workshop by Lake Huron Coastal Centre for Conservation

Staff attended this biennial workshop in Port Elgin. It was quite an informative event and highlighted topics like plastics in the Great Lakes and Beach and Dune Conservation. One speaker was quite compelling and we are trying to secure him for a Beach and Dune Conservation Workshop in the Lambton Shores area.

Staff are currently planning two events: **Beach and Dune Conservation Evening** (July) and an **Agricultural Stewardship Bus tour** (August 24) that will be funded through the GLASI program. The Bus tour will take place close to the centre of our watershed and focus on projects that farmers have done to reduce erosion and nutrient loss on their farms. We are currently seeking speakers.

Stewardship projects – **Grants available** SCRCA secures funding to support landowner implemented stewardship projects including riparian buffers, block tree planting, windbreaks, wetlands, and erosion control measures. Staff meet with landowners and offer advice and project design and where applicable, support projects with grants. Call today for more information for stewardship projects in Lambton Shores and the Sydenham River Watershed.

Staff Report

9.(ii)



To: Board of Directors
Date: June 10, 2016
From: Greg Wilcox, Biological Technical Assistant
Subject: Ontario Trillium Foundation Funding Announcement

The Friends of the St. Clair River, in partnership with SCRCA, were awarded Ontario Trillium Foundation funding for 2016-2018. The partnership will receive \$160,300 over 36 months. The project focus is in the St. Clair River AOC (areas 1a and 1b). Funding will be used for St. Clair River AOC aquatic inventories, aquatic habitat restoration/creation, and aquatic outreach and education.

Aquatic inventories will include fish surveys, mussel surveys, reptile surveys, water quality sampling, benthic invertebrate sampling, and stream temperature monitoring. Data collected will provide a better understanding of the St. Clair River tributaries and aid in selecting candidate sites for restoration efforts.

Fish survey work has already been completed in 2016, with 10 sites being sampled. 42 species of fish were captured at the 10 sites. The first site of the season was at Branton Cundick park (a wetland creation with direct connection to the St. Clair River to provide spawning habitat for Northern Pike). In the first pass with the seine net 9380 Emerald Shiners were captured, doubling the number of fish caught in 2015! Northern Pike were found in the wetland confirming use by the species.



1 of many large Black Crappie at this site,

Right photo is Jessica with a Longnose Gar, below is the many sharp teeth of the Longnose Gar.



Aquatic habitat restoration projects will include wetland restoration/creation, barrier removals, and in-stream habitat creation. Projects will include additional partners such as Ducks Unlimited Canada, Fisheries and Oceans Canada, and private landowners. Funding has also been provided for project maintenance. The 2016 project maintenance funding has been used to complete repairs to wetlands on SCRCA properties.

Property 79 wetland after repairs to the outlet.

Outreach and education activities will involve the development of a new River Day to complement existing programs in the St. Clair River AOC (River Critters and River Rap).

Staff Report

10. (i)



To: Board of Directors
Date: June 10, 2016
From: Steve Shaw, Conservation Services Department
Subject: Conservation Services Spring Tree Planting Projects

Seedling/Reforestation program

- tree seedlings arrived on April 22nd as normal for spring delivery time.
- SCRCA crews planted 102,000 trees for 29 separate projects on private and industrial lands.
- three tractor-mounted mechanical tree planters were used to plant approximately 72,000 trees in a 23-day period.
- approximately 30,000 trees were planted by hand in locations where tractors could not operate.
- another 8,100 trees were ordered for 38 landowners to plant on their own.
- two large projects were planted for both Union Gas and Enbridge Gas Storage on a combined total of 40 acres of retired farmland.
- more than \$165,000 in federal, provincial and local grant dollars was provided to property owners this year to subsidize the cost of trees, planting service and long term vegetation management.
- all sites were sprayed with a pre-emergent herbicide soon after planting.
- another 200,000 trees were resprayed this spring on sites that were planted in 2013, 2014 and 2015.
- planting operations were delayed or slowed down this year due to the cold wet start to May. Tree planting was completed on June 3rd.



Large Stock/ Municipal tree program

- approximately 760 large stock potted and bare root trees were purchased by landowners this spring for windbreak and roadside tree planting
- Brooke-Alvinston purchased 323 trees for municipal residents to pick up and plant and provided a small financial incentive for landowners interested in purchasing and planting their own trees.
- 19 other individual landowners purchased 437 trees
- price quotes were obtained from 5 wholesale tree nurseries and trees were purchased from 3 nurseries that provided the best price and delivery costs as well as the ability to supply the required native species.



Staff Report

10. (ii)



To: Board of Directors
Date: June 10, 2016
From: Steve Shaw, Conservation Services Department
Subject: West Nile Virus - Lambton County Mosquito Control Program

- * the County of Lambton, SCRCA and Lambton Public Health has agreed to extend the contract for catch basin larvicide treatments in Sarnia-Lambton this year. The three-year contract ended in 2015 but had an option to be extended an extra 2 years if agreed to by all parties involved.
- * six summer staff from the watershed services department will be treating approximately 16,000 catch basins with a mosquito growth regulator called methoprene.
- * four staff will be working out of the Strathroy office and 2 staff will be working out of the Darcy McKeough Dam.
- * pre-treatment larva sampling is scheduled for June 16th to determine mosquito activity.
- * results are then sent to Lambton Public Health. Mosquito activity will be used to determine when to start catch basin treatment. Approval from the Medical Officer of Health is required before treatments commence.
- * applications for permits have been submitted to the London M.O.E.C.C. office and we are currently awaiting approval for 4 permits:
 1. Sarnia - Lambton - methoprene
 2. Sarnia - Lambton - Bti
 3. Aamjiwnaang - methoprene
 4. Dupont Corunna - methoprene.
- * Kettle Point and Oneida First Nation inquired about the program and we are still waiting to hear from them.
- * Methoprene pellets will be applied to approximately 13,000 catch basins with 3 separate treatments spread out at 21 day intervals throughout the summer. Another 3,000 catch basins in predetermined areas will receive a single methoprene briquette for season long control. A different colour paint mark for each separate application of larvicide is applied to every catch basin.
- * costs to the County will remain the same as last year.
- * treatments of methoprene pellets usually start around the week of June 25th and end mid-August.
- * efficacy testing is planned again this year to monitor how well pellets and briquettes are controlling mosquito populations. SCRCA staff will be conducting the sampling work.



May 31, 2016

TO: SCRCA Chair and Board of Directors

SUBJECT: Administration – Section 28 Status Report – Development, Interference of Wetlands and Alteration to Shorelines
Watercourses RegulationFROM: Dallas Cundick, Environmental Planner / Regulations Officer
Melissa Deisley, Regulations Officer

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 April 1, 2016 to May 31, 2016.

April 1, 2016 to April 30, 2016

| FA # | Applicant and Subject Property | Permit Required to: | Section 28 of the Conservation Authority's Act "Development, Interference with Wetlands and Alterations to Shorelines & Watercourses" Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development. | Date Permit Issued |
|-------|---|--|---|--------------------|
| 11115 | Scott Atchison 22888 Springfield Road Lot 4, Concession 2 Geographic Township of Ekfrid Southwest Middlesex County of Middlesex | Construct a Single Family Dwelling (tear down and rebuild) | <ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Engineers certification that floodproofing elevations are met is required upon completion; • Disturbed areas will be stabilized and vegetated; | Apr 5 |
| 11116 | Travis Bouma 4556 William Street Lot 44, Concession Front Geographic Township of Plympton County of Lambton | Construct an Addition | <ul style="list-style-type: none"> • Proposed works meet SCRCA Shoreline Policy; • Proposed works will not aggravate erosion; | Apr 12 |

| | | | | |
|-------|---|---|--|--------|
| 11117 | Mike Hecimovich 3126 Douglas Street Lot 4, Concession Front Geographic Township of Plympton County of Lambton | Tear Down and Rebuild New Single Family Dwelling | <ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy; Proposed works will not aggravate erosion; Excess fill will be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works; | Apr 12 |
| 11118 | Jaron Homes 3212 Dana Street Lot 7, Concession Front Geographic Township of Plympton County of Lambton | Tear Down and Rebuild New Single Family Dwelling | <ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy; Proposed works will not aggravate erosion; Excess fill will be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works; | Apr 12 |
| 11119 | Kevin Boersma 47 Hoefnagel Crescent Lot 27, Concession 2 SER Geographic Township of Adelaide Township of Adelaide- Metcalf County of Middlesex | Construct a Non- Habitable Accessory Structure | <ul style="list-style-type: none"> Proposed location is outside of the erosion hazard limit; No alterations to the slope are required; Drainage will be directed away from the top of bank of the ravine; Excess fill will be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works | Apr 21 |
| 11120 | Lower Thames Valley Conservation Authority c/o Greg VanEvery 29017 Zone Road 1 Lot 2, Concession 2 Geographic Township of Zone Municipality of Chatham-Kent | Wetland Creation Project | <ul style="list-style-type: none"> The proposed works will have no impact on flood flows or elevations; Proper sediment and erosion control measures, including best management practices will be utilized; That all work will be conducted in the dry and will not be conducted when flows are present due to local rain events, storms or seasonal flooding; That all disturbed areas of the work site will be stabilized immediately and re-vegetated as soon as possible; No in water work will be conducted. | Apr 19 |
| 11101 | Mark & Debbie Redick 4087 Discovery Line Lot 12, Concession 11 Geographic Township of Enniskillen County of Lambton | Construction of a New Single Family Dwelling | <ul style="list-style-type: none"> Proposal will not aggravate erosion processes; Proposal will not be impacted by the erosion hazard; Excess fill will be removed from the property; Proposed works to not increase risk to life and property; Works located outside the Regulatory Floodplain no adverse effect to flooding; | Apr 18 |
| 11121 | Dave Depencier 29901 St. Clair Parkway | Construction of a Single Family | <ul style="list-style-type: none"> Minimum required flood elevations are a condition of the permit; Proposed works will not alter flow velocities or elevations; Proposed works will not increase erosion hazard; | Apr 20 |

| | | | | |
|-------|---|--|---|--------|
| | Part Lot B, Concession 4 GORE Geographic Township of Chatham Municipality of Chatham-Kent | Dwelling with Attached Garage | <ul style="list-style-type: none"> Proposed works maintain a suitable setback from the watercourse; Disturbed areas will be stabilized and vegetated; Certification from an O.L.S. upon completion of works verifying that the elevation requirements have been addressed is a condition of the permit; | |
| 11123 | Georgina Payne 6516 Scotchmere Drive Lot 1, Concession 13 Geographic Township of Metcalf Township of Adelaide- Metcalf County of Middlesex | Construction of a Sunroom Addition | <ul style="list-style-type: none"> Addition will match existing grades and elevations of existing dwelling; Proposed works will not alter flow velocities or elevations; Proposed works are minor addition; Proposed works maintain a suitable setback from the watercourse; Excess fill will be removed offsite; | Apr 27 |
| 11095 | Sun Canadian Pipeline Company Ltd. c/o Paul Lane 2109 Katesville Drive Lot 9, Concession 2 Geographic Township of Metcalf Township of Adelaide- Metcalf County of Middlesex | Pipeline Cover Remediation Work Within O'Neil Drain | <ul style="list-style-type: none"> Investigating and Repairing an existing pipeline is considered minor works; Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; The proposed works will have no impact on flood flows or elevations; No alterations to the slope or grade are required; The site will be restored to its original, or better, condition upon completion of works. | Apr 28 |
| 11125 | Travis Bouma 4063 Glenview Road Part of Lot 12, Concession 10 Geographic Township of Enniskillen County of Lambton | Tear Down and Rebuild a New Single Family Dwelling | <ul style="list-style-type: none"> Proposed works will not alter flood flow velocities or elevations; Proposed works will not aggravate or be susceptible to erosion processes; Disturbed areas will be stabilized and restored upon completion; Proposed works are outside of the floodplain and erosion hazards; | Apr 28 |
| 11126 | Michael Younan 195 Thomas Ave Lot 14, Concession 2 GORE Geographic Township of Chatham Municipality of Chatham-Kent | Construct a Single Family Dwelling with Attached Garage | <ul style="list-style-type: none"> Minimum required flood elevations are a condition of the permit; Proposed works will not alter flow velocities or elevations; | Apr 28 |
| 11128 | Travis Bouma 454 Charlesworth Lane Lot 67, Concession 9 | Construct an Addition | <ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy; Proposed works will not aggravate erosion; | Apr 29 |

| | | | | |
|-------|--|---|---|--------|
| | Geographic Township of Sarnia County of Lambton | | | |
| 11129 | Travis Bouma 1730 Lakeshore Road Lot 39, Concession 9 Geographic Township of Sarnia County of Lambton | Construction of a Minor Addition (Elevator) | <ul style="list-style-type: none"> Proposed works meet SCRCA Shoreline Policy; Proposed works will not aggravate erosion; | Apr 29 |

May 1, 2016 to May 31, 2016

| FA # | Applicant and Subject Property | Permit Required to: | Section 28 of the Conservation Authority`s Act “Development, Interference with Wetlands and Alterations to Shorelines & Watercourses” Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development. | Date Permit Issued |
|-------|--|--|---|--------------------|
| 11122 | Travis Bouma 3131 Egremont Road Lot 4, Concession Front Geographic Township Plympton-Wyoming County of Lambton | Construct a New Single Family Dwelling and Detached Garage | <ul style="list-style-type: none"> Minimum required flood elevations are a condition of the permit; Proposed works will not alter flow velocities or elevations; Proposed works will not increase erosion hazard; Certification that floodproofing elevations are met is required upon completion; Disturbed areas will be stabilized and restored upon completion; | May 3 |
| 11130 | Emil Pattyn Katie Lane Lot 23, Concession 3 SER Geographic Township of Adelaide Municipality of Middlesex County | Construction of Storm Drainage Outlet | <ul style="list-style-type: none"> Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; Hydrology should not be negatively impacted by the proposed works; Proposed works should not negatively impact flood flows, velocities or elevations; | May 9 |
| 11124 | Rural Lambton Stewardship Network c/o Lindsay Buchanan Burman Line | Wetland Creation Project | <ul style="list-style-type: none"> The proposed works will have no impact on flood flows or elevations; Proper sediment and erosion control measures, including best management practices will be utilized; | May 13 |

| | | | | |
|-------|--|---|---|--------|
| | Lot 17, Concession 12 Geographic Township of Sombra St. Clair Township County of Lambton | | <ul style="list-style-type: none"> • That all work will be conducted in the dry and will not be conducted when flows are present due to local rain events, storms or seasonal flooding; • That all disturbed areas of the work site will be stabilized immediately and re-vegetated as soon as possible; | |
| 11133 | Rural Lambton Stewardship Network c/o Lindsay Buchanan 2937 Bickford Line Lot 30, Concession 15 Geographic Township of Sombra St. Clair Township County of Lambton | Wetland Enhancement Project | <ul style="list-style-type: none"> • The proposed works will have no impact on flood flows or elevations; • Proper sediment and erosion control measures, including best management practices will be utilized; • That all work will be conducted in the dry and will not be conducted when flows are present due to local rain events, storms or seasonal flooding; • That all disturbed areas of the work site will be stabilized immediately and re-vegetated as soon as possible; | May 6 |
| 11134 | Bob Funk 754 Moore Line Lot 23, Concession 7 Geographic Township of Moore St. Clair Township County of Lambton | Tear Down & Rebuild of Attached porch, breezeway and garage | <ul style="list-style-type: none"> • Addition will match existing grades and elevations of existing dwelling; • Proposed works will not alter flow velocities or elevations; • Proposed works are minor addition; • Proposed works maintain a suitable setback from the watercourse; • Excess fill will be removed offsite; • There will be no alterations to minimum lowest openings; | May 20 |
| 11135 | Michael Matos 9665 Agnes Place Ipperwash, Front Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton | Construct a Sunroom Addition | <ul style="list-style-type: none"> • Proposed addition will not impact Dynamic Beach Hazard as outside Dynamic Beach Hazard Limit; • Excess fill will be removed from the regulated area; • Disturbed areas will be reseeded upon completion of the works; • Proposed works meet SCRCA Shoreline Policy; | May 27 |
| 11136 | Craig Griffore, Lindsay Buchanan 7659 Mud Creek Line Lot 17, Concession 16 Geographic Township of Dover Municipality of Chatham-Kent | Wetland Creation Project, Non-Native Phragmites Eradication | <ul style="list-style-type: none"> • The proposed works will have no impact on flood flows or elevations; • Proper sediment and erosion control measures, including best management practices will be utilized; • That all work will be conducted in the dry and will not be conducted when flows are present due to local rain events, storms or seasonal flooding; | May 30 |

| | | | | |
|-------|---|---|---|--------|
| 11138 | Hans Frick 9 McDonald Street Lot 11, Concession 13 Geographic Township of Dover Municipality of Chatham-Kent | Construction of a New Single Family Dwelling | <ul style="list-style-type: none"> • Proposed works should not negatively impact flood flows, velocities or elevations; • Proposal will not aggravate erosion and flooding processes; • Proposal will not be impacted by the erosion hazard; • Dwelling will be dry passive floodproofed; • Structural Engineering floodproofing Drawings completed; | May 31 |
| 11139 | Nova Chemicals Canada Ltd. c/o Rob Gignac 510 Moore Line Lot 26, Concession 7 Geographic Township of Moore Township of St. Clair County of Lambton | Railway Expansion, Stormwater Management Installation | <ul style="list-style-type: none"> • Proposed works should not negatively impact flood flows, velocities or elevations; • Hydrology should not be negatively impacted by the proposed works; • Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • No alterations to the watercourse &/or slope are required; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; | May 31 |

Recommended and approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

SCRCA Planning Activity Summary for the month of**April 2016**

| File Ref. | Municipality | Geographic Twp | Lot | Concession | Street |
|------------------|---------------------|-----------------------|----------------|-------------------|---------------------|
| LL 2016 | ADELAIDE-METCALFE | METCALFE | LOT 4 | CON 6 | NAPIER ROAD |
| SEV B04/2015 | ADELAIDE-METCALFE | ADELAIDE | LOT 18 | CON 5 SER | PIKE ROAD |
| SEV B003/2016 | BROOKE-ALVINSTON | BROOKE | LOT 9 | CON 3 | LITTLE IRELAND ROAD |
| FI 2016 | BROOKE-ALVINSTON | BROOKE | LOT 3 | CON 5 | QUEEN STREET |
| FI 2016 | BROOKE-ALVINSTON | BROOKE | LOT 5 | CON 6 | SHILOH LINE |
| LL 2016 | CHATHAM-KENT | DOVER | LOT 11 | CON 15 | |
| SEV B002/16 | DAWN-EUPHEMIA | DAWN | LOT 21 | CON 11 | HALE SCHOOL ROAD |
| FI 2016 | DAWN-EUPHEMIA | DAWN | LOT 16 | CON 13 | OAKDALE ROAD |
| VAR A001/2016 | DAWN-EUPHEMIA | DAWN | LOT 18 | CON 2 | FANSHER ROAD |
| LL 2016 | DAWN-EUPHEMIA | EUPHEMIA | LOT 16 | CON 1 | FANSHER ROAD |
| SUB 38T-07001 | ENNISKILLEN | ENNISKILLEN | LOT 10 | CON 10 | |
| FI 2016 | ENNISKILLEN | ENNISKILLEN | LOT 8 | CON 3 | OIL SPRINGS LINE |
| FI 2016 | MIDDLESEX CENTRE | LOBO | LOT 8 | CON 9 | QUAKER LANE |
| FI 2016 | MIDDLESEX CENTRE | LONDON | LOT 32 | CON 10 | VANNECK ROAD |
| FI 2016 | MIDDLESEX CENTRE | LOBO | LOT 8 | CON 5 | COLDSTREAM ROAD |
| FI 2016 | PETROLIA | ENNISKILLEN | LOT 13 | CON 9 | TILE YARD ROAD |
| FI 2016 | PETROLIA | ENNISKILLEN | LOT 11 | CON 9 | COUNTRYVIEW DRIVE |
| OP | PLYMPTON-WYOMING | PLYMPTON | LOT 16 | CON 3 | |
| FI 2016 | PLYMPTON-WYOMING | PLYMPTON | LOT 50 | CON FRONT | FORSYTH TRAIL |
| FI 2016 | SARNIA | SARNIA | ST CLAIR FRONT | | TALFOURD STREET |
| VAR A11/2016 | SARNIA | SARNIA | LOT 11 | CON 4 | CONFEDERATION ROAD |
| FI 2016 | SARNIA | SARNIA | LOT 12 | CON 7 | LONDON LINE |
| VAR A14/2016 | SARNIA | SARNIA | LOT 44 | CON 9 | LAKESHORE ROAD |
| FI 2016 | SARNIA | SARNIA | LOT 35 | CON 9 | LAKESHORE ROAD |
| FI 2016 | SARNIA | SARNIA | LOT 27 | CON 9 | HURON SHORES DRIVE |
| VAR A57/2015 | SARNIA | SARNIA | LOT 25 | CON 9 | HURON SHORES DRIVE |
| ZBA 2-2016 | SARNIA | SARNIA | LOT 1 | CON 1 | |
| LL 2016 | ST. CLAIR | SOMBRA | LOT C | CON 10 | HOLT LINE |
| FI 2016 | ST. CLAIR | MOORE | LOT 3 | CON 3 | OIL SPRINGS LINE |
| FI 2016 | ST. CLAIR | SOMBRA | LOT D | CON 5 | TYLER DRIVE |
| LL 2016 | STRATHROY-CARADOC | ADELAIDE | LOT 25 | CON 2 SER | ADAIR BLVD |
| LL 2016 | STRATHROY-CARADOC | ADELAIDE | LOT 19 | CON 4 SER | NAPPERTON DRIVE |
| LL 2016 | STRATHROY-CARADOC | CARADOC | LOT 17 | CON 3 | FALCONBRIDGE DRIVE |
| LL 2016 | WARWICK | WARWICK | LOT 18 | CON 5 SER | CONFEDERATION LINE |
| EA 02 2016 | WARWICK | WARWICK | LOT 18 | CON 2 SER | NAUVOO ROAD |
| FI 2016 | WARWICK | WARWICK | LOT 15 | CON 7 NER | TOWNSEND LINE |

SCRCA Planning Activity Summary for the month of**May 2016**

| File Ref. | Municipality | Geographic Twp | Lot | Concession | Street |
|------------------|---------------------|-----------------------|------------|-------------------|------------------|
| SUB AM1301 | ADELAIDE-METCALFE | ADELAIDE | LOT 26 | CON 2 SER | SECOND STREET |
| VAR A03/ 2015 | ADELAIDE-METCALFE | ADELAIDE | LOT 1 | CON 1 NER | HOEFNAGELS CRES. |
| LL 2016 | ADELAIDE-METCALFE | ADELAIDE | LOT 1 | CON 5 SER | NAPPERTON DRIVE |

| | | | | | |
|--------------|---------------------|-------------|----------|------------------|----------------------|
| FI 2016 | DAWN-EUPHEMIA | DAWN | LOT 32 | CON 9 | PANTRY SCHOOL ROAD |
| FI 2016 | DAWN-EUPHEMIA | DAWN | LOT 11 | CON 8 | PANTRY SCHOOL ROAD |
| LL 2016 | ENNISKILLEN | ENNISKILLEN | LOT 1 | CON 1 | MANDAUMIN ROAD |
| LL 2016 | LAMBTON SHORES | BOSANQUET | IPPERW | FRONT | SPRUCE STREET |
| GI 2016 | LAMBTON SHORES | BOSANQUET | LOT 4 | CON 19 | EAST PARKWAY DRIVE |
| FI 2016 | LAMBTON SHORES | BOSANQUET | LOT 5 | CON 19 | WEST IPPERWASH PARKW |
| FI 2016 | LAMBTON SHORES | BOSANQUET | LOT 80 | CON WEST OF LAKE | GLENDALE DRIVE |
| GI 2016 | LAMBTON SHORES | BOSANQUET | IPPERW | FRONT | AGNES PLACE |
| FI 2016 | PETROLIA | ENNISKILLEN | LOT 11 | CON 11 | APPLEWOOD ROAD |
| FI 2016 | PLYMPTON-WYOMING | PLYMPTON | LOT 40 | CON FRONT | LAMBTON LANE |
| FI 2016 | PLYMPTON-WYOMING | PLYMPTON | LOT 48 | CON FRONT | HILLSBORO ROAD |
| ZBA | PLYMPTON-WYOMING | PLYMPTON | LOT 8 | CON 10 | QUEEN ST |
| FI 2016 | POINT EDWARD | SARNIA | LOT 69 | 0 | LOUISA STREET |
| FI 2016 | SARNIA | SARNIA | LOT 12 | CON 6 | LONDON LINE |
| GI 2016 | SARNIA | SARNIA | LOT 60 | CON 9 | LAKESHORE ROAD |
| FI 2016 | SARNIA | SARNIA | LOT 54 | CON 9 | HAIGHT LANE |
| GI 2016 | SARNIA | SARNIA | LOT 10 | CON 9 | BEACHWOOD |
| OPA 54/2015 | SARNIA | SARNIA | LOT 16 | CON 7 | |
| LL 2016 | SARNIA | SARNIA | ST CLAIR | FRONT | COLLEGE AVENUE |
| FI 2016 | SOUTHWEST MIDDLESEX | MOSA | LOT 13 | CON 4 | BIG BEND ROAD |
| VAR A09/2016 | ST. CLAIR | MOORE | LOT 16 | CON 9 | KIMBALL ROAD |
| FI 2016 | ST. CLAIR | SOMBRA | LOT 16 | CON 5 | KIMBALL ROAD |
| LL 2016 | ST. CLAIR | SOMBRA | LOT E | CON 5 | RIVERSIDE DRIVE |
| GI 2016 | ST. CLAIR | MOORE | LOT 12 | CON 6 | |
| SEV B04/2016 | ST. CLAIR | MOORE | LOT 25 | CON 12 | LASALLE LINE |
| SEV B15/2016 | STRATHROY-CARADOC | CARADOC | LOT 24 | CON 10 | AMIENS ROAD |
| FI 2016 | STRATHROY-CARADOC | CARADOC | LOT 20 | CON 6 | ABERDEEN ROAD |
| SEV B16 B17 | STRATHROY-CARADOC | ADELAIDE | LOT 24 | CON 4 SER | FRONT STREET EAST |
| LL 2016 | STRATHROY-CARADOC | CARADOC | LOT 10 | CON 3 | GLENDON DRIVE |
| SEV B02/16 | WARWICK | WARWICK | LOT 17 | CON 5 NER | BIRNAM LINE |
| FI 2016 | WARWICK | WARWICK | LOT 13 | CON 7 NER | TOWNSEND LINE |

File Reference Codes:

| | | | |
|--|-----------------------------------|-----------------------------------|----------------------------|
| CZ - Comprehensive Zoning | SEV - Severances | GI - General Inquiry | FI - Regulations Inquiry |
| ZBA - Minor Zoning Bylaws and Amendments | VAR - Variances | LL - Legal Inquiries/Letters | NM - Nutrient Management |
| OP (A)-Official Plan (Amendments) | EA/PLEA-Environmental Assessments | SP-Site Plan | PTTW- Permit to Take Water |
| TC-Tree Cutting | SUB-Subdivision | DAR-Development Assessment Review | SPA-Site Plan Approval |

Meetings

April

- April 6 – Low Impact Development workshop @UTRCA – PH
- April 13 – CA Planning Ecology Meeting – Credit Valley Conservation – SH
- April 19 – Preconsultation meeting – Park St., Strathroy – PH, SH, GS, LN
- April 22 – SW CA Planners group meeting re policy @ LTVCA (in attendance: ERCA and UTRCA, LTVCA, SCRCA)- PH
- April 26 – Dynamic beaches assessment ; Sarnia and W. Ipperwash – PH and AMc(intern)

May

- May 4 – Preconsultation mtg; Sarnia Berger and Modeland, proposed gas station – PH, GS
- May 9 – WOCA Meeting @ SCRCA – CD, AS, LA
- May 10 – Binational Public Advisory Council (BPAC) Meeting, Port Huron, MI – DS, AM

May 11 – 23500 Amiens Rd – DC, SH

May 12 – ABCA SMP Steering Committee mtg @ ABCA - PH

May 12 – Kafco Homes, Strathroy – SH

May 13 – Dynamic beach assessment re Regs 6522 West Parkway/McBride - PH

May 20 – Timberwalk Phase 5 – pre-application meeting – Komoka Wellness Centre – SH

May 26 – MFIPPA training @ SCRCA – CD, PH, DC, DS

May 30 – Conservation Strategy @SCRCA – PH, CD, DC, SH

May 31 – teleconference with MNR Peterborough re Ipperwash crown lands and dynamic beach; SMP - PH

Drainage Act and Conservation Authorities Act Protocol (DART)
(A protocol for municipalities and CAs in drain maintenance and repair)
Completed Files

Municipal drain April – May 2016 activity report associated with the provincially approved guidance “*Drainage Act and Conservation Authorities Act Protocol (DART)*” approved by the Board April 18, 2013.*

| SCRCA DART Files | | | | 2015 April | |
|-------------------------|---------------------|----------------------------|----------------------|--|--------------------|
| FHR # | Municipality | Geographic Township | Drain Name | Project Description | SCRs Issued |
| 2659 | Southwest Middlesex | Mosa | Peter Mitchell Drain | Brushing bank slope and top, bottom cleanout | 3 |
| 2663 | Sarnia | Sarnia | Cole Drain | Emergency culvert replacement | 1 |
| 2664 | St. Clair | Sombra | Grape Run Drain | Brushing bank slope, bottom cleanout | 2 |
| 2665 | St. Claire | Moore | Morrison Drain | Brushing bank slope, bottom cleanout | 2 |
| 2666 | Enniskillen | Enniskillen | Whiting Drain | Bottom cleanout, brushing bank slope and top of bank | 3 |

| SCRCA DART Files | | | | 2015 May | |
|-------------------------|---------------------|----------------------------|----------------------|--|--------------------|
| FHR # | Municipality | Geographic Township | Drain Name | Project Description | SCRs Issued |
| 2667 | Brooke-Alvinston | Brooke | Tait Cut-off Drain | Bottom only clean out, brushing bank top and slope | 3 |
| 2668 | Brooke-Alvinston | Brooke | Bryan Johnston Drain | Bottom only clean out, brush bank slope, seeding | 2 |
| 2669 | Adelaide-Metcalf | Adelaide | Currie Drain | Bottom only cleanout, brushing bank slope, seeding | 2 |

***Note**

The SCRs and the above report are prepared by Biology Section staff with ratification by Planning and Regulations Section/ Regulations Officer. Ontario Regulation 171/06 "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" applies, however the DART protocol is followed for streamlining purposes.

Staff Report

11.(iv)



To: Board of Directors
Date: June 10, 2016
From: Dallas Cundick, Environmental Planner/Regulations Officer
Subject: Gilmore v. Nottawasaga Valley Conservation Authority

For your information, please see the enclosed factsheet created by Conservation Ontario which provides guidance to CA's in regard to changes to the administration of the "Development Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation" while awaiting Court of Appeal decision on the Gilmore Case. This file has created many questions and concerns amongst CA's and their implementation of the Regulation.

On September 9, 2015, the Divisional Court issued its decision in Gilmore v. Nottawasaga Valley Conservation Authority (NVCA) which overturned the decision of the Deputy Mining and Lands Commissioner. The Commissioner's decision upheld the NVCA Hearing Board's decision and concluded that the development did not meet the tests under the *Conservation Authorities Act* and Regulation 173/06. The Divisional Court decision reversed the Commissioner's decision and held that the Commissioner committed a number of errors of the law which are outlined in the factsheet enclosed.

In the interim and until additional guidance is obtained from the Court of Appeal, Conservation Ontario is advising that all Conservation Authority decisions must follow this Divisional Court decision, effective from the date of the Divisional Court decision, September 9, 2015. If your Authority's decision is appealed and is deemed to be inconsistent with the Divisional Court's decision, then your Authority's decision may be reversed and very substantial legal costs could be awarded against the Authority.

The SCRCA does not currently have any applications under review that involve decisions inconsistent with this Division Court Decision (ie. safety/access). SCRCA Regulations staff will follow CO guidance, effective from the date of the Divisional Court decision, September 9, 2015, until directed otherwise from a lawyer who is versed in this matter.



Factsheet

Changes to the Administration of the “Development Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation” While Awaiting Court of Appeal Decision on the Gilmor Case

On September 9, 2015, the Divisional Court issued its decision in *Gilmor v. Nottawasaga Valley Conservation Authority (NVCA)* which overturned the decision of the Deputy Mining and Lands Commissioner. The Commissioner’s decision upheld the NVCA Hearing Board’s decision and concluded that the development did not meet the tests under the Conservation Authorities Act and Regulation 172/06. The Divisional Court decision reversed the Commissioner’s decision and held that the Commissioner committed a number of errors of the law including:

1. The Commissioner misinterpreted sections 2(1) and 3(1) of the Regulation. The two sections should not be interpreted as a presumed general prohibition against development. Section 3 is not an exception to the prohibition against development outlined in section 2. Rather section 3 is a condition precedent to the prohibition contained in section 2.

Any permit denial must consider the impact of the development, if any, on flood control in the particular circumstances of the case. Section 2 is not a general prohibition against development. Permission under s.3 must be based on the criteria set out in the *Conservation Authorities Act* and the Regulation. The decision to deny a permit and prohibit development must be reasonable on the facts of the case, that is, if the application has no effect on flood control or does not pose a meaningful threat to safety or where the safety concerns can be addressed without affecting flood control.

In short, one must go directly to s.3 of the Regulation and only if the permit application does not meet the provisions of s.3 can there be a permit denial and a prohibition against development.

2. The Board of Directors and the Mining and Lands Commissioner can consider safety issues, but safety concerns cannot be elevated to a stand alone head of jurisdiction. A Conservation Authority does not have jurisdiction to deny a permit application on the basis of safety where flood control is not impacted. The Commissioner’s approach to safety was unreasonable in the circumstances because there was no threat to life and access was not unsafe as a vehicle would not be swept away by the flood event, the only risk was of the vehicle stalling.

3. The Commissioner failed to deal with the evidence of the Gilmors’ expert that there was no cumulative impact upstream or downstream of the proposed development. This evidence was not contradicted by testimony from the NVCA. Rather, the Commissioner focused on the possible cumulative impact of the fill required to raise the driveway and upon the precedent the case would set.

A minor theoretical impact does not meet the criteria of s.3 of the Regulation. A trivial or hypothetical impact does not permit an Authority or the Commissioner to deny a permit.

This decision is currently under appeal; however, the case is not likely to be heard by the Court of Appeal until sometime in the fall of 2016 and the Court will likely reserve its decision. For this reason, the issues may not be resolved until the Court of Appeal releases its reasons in December 2016 or possibly early 2017.

In the interim and until additional guidance is obtained from the Court of Appeal, all Conservation Authority decisions must follow this Divisional Court decision, effective from the date of the Divisional Court decision, September 9, 2015. If your Authority's decision is appealed and is deemed to be inconsistent with the Divisional Court's decision then your Authority's decision may be reversed and very substantial legal costs could be awarded against the Authority.

For example if a Board decided to refuse a permit or to insert conditions on a permit that relates solely to safety or cumulative impact and that cumulative impact is not based on expert evidence then the applicant could appeal the denial. The best course of action, where cumulative impact is the basis for the denial of the permit, is to ensure that the Conservation Authority has sound expert evidence that supports the Authority's allegation of 'cumulative impact' on which the conditions or the refusal for a permit is based. Where a permit application has already been made to the Board and where staff are recommending denial of the permit application or conditions based solely on safety or where there is no expert evidence by staff that there is in fact some cumulative impact, the best course is to adjourn your hearing until further guidance is obtained from the Court of Appeal.

If you are involved with one of the scenarios set out above which may result in the refusal of a permit or the imposition of conditions, it is strongly recommended that you seek advice from a lawyer who is versed in these matters.

For More Information:

Bonnie Fox, Manager – Policy and Planning, Conservation Ontario

Email: bfox@conservationontario.ca Tel: 905-895-0716 ext 223

NOTE: This document is subject to Solicitor and Client Privilege

Staff Report

11. (v)



To: Board of Directors
Date: June 10, 2016
From: Donna Strang, Remedial Action Plan (RAP) Coordinator
Subject: St. Clair River Area of Concern (AOC)

Restrictions on Drinking Water Consumption or Taste and Odour Problems Beneficial Use Impairment (BUI):

The “Restrictions on Drinking Water Consumption or Taste and Odour Problems” BUI was identified as “Impaired” in the St. Clair River Area of Concern (AOC) due to frequent water intake closures resulting from upstream industrial and municipal spills. These closures disrupted the water supply to the downstream communities of Walpole Island and Wallaceburg and also contributed to taste and odour problems.

Spill frequency has decreased significantly since the 1980’s, however concerns remain regarding the impact of spill events on drinking water quality and supply. In response to these concerns, the Canadian Remedial Action Plan (RAP) Implementation Committee (CRIC) has released a discussion paper intended to initiate a discussion on the status of the “Restrictions on Drinking Water Consumption or Taste and Odour Problems” BUI. The discussion paper provides information and data related to:

- spill frequency,
- legislation and regulations surrounding drinking water and spill prevention, and
- improvements to municipal and industrial infrastructure that reduces their connection to the St. Clair River.

Open houses have been scheduled to solicit feedback on the document. Questions, comments and concerns will be collected by the CRIC to help assess next steps to restore and ultimately re-designate this BUI to “Not Impaired”. The draft discussion paper can be accessed online at the Friends of the St. Clair River website (www.friendsofstclair.ca).

Open Houses (5-7 pm):

- Aamjiwnaang First Nation Community Centre, 1972 Virgil Avenue – June 8, 2016
- Sarnia Public Library, 124 Christina Street South, Sarnia – June 15, 2016
- Canadian Belgian Dutch Club, 1342 Dufferin Avenue, Wallaceburg – June 22, 2016
- Walpole Island First Nation – To Be Determined

Presentations and Events:

St. Clair River AOC information was displayed at recent meetings and events including:

1. Aamjiwnaang First Nation Earth Day Celebration – April 23, 2016
2. Blue Water Anglers Kids Training Day – May 28, 2016
3. Sarnia ArtWalk – June 4-5, 2016

*Aamjiwnaang First Nation Earth Day Celebration
at the Maawn Doosh Gumig Community Centre –
April 23, 2016.*



Staff Report

11.(vi)



To: Board of Directors
Date: June 10, 2016
From: Brian McDougall, General Manager
Patty Hayman, Director of Planning
Subject: West Ipperwash Dynamic Beach Limit Assessment

This is an update regarding the proposed above noted assessment. This assessment is part of the Lake Huron Shoreline Plan which was approved with a budget of \$60,000.

The attached Terms of Reference have been forwarded to three coastal consultants. The deadline for proposals is June 17, 2016 and provided Kettle Stony Point First Nation have no major issues, we propose to award the contract by the end of the month.

The SCRCA correspondence to KSPFN explaining the project is attached. SCRCA will follow up the correspondence with email and phone calls to Lorraine George at KSPFN.

It is proposed to initiate the project promptly so that a landowners meeting can be held in the summer when the highest attendance can be achieved. To achieve this, it is recommended that the General Manager award the contract upon review of the 3 proposals and subject to the preferred proposal falling within the approved budget.

Updates will be provided at the next Board meeting.

**St. Clair Region Conservation Authority
Terms of Reference**

**West Ipperwash Beach, Lambton Shores, County of Lambton
Dynamic Beach limit assessment**

Background

In 2010, Baird and Associates Coastal Engineers updated the SCRCA Lake Huron Shoreline Management Plan (SMP) to include, the former “No-Mans Land”/Southwest Bosanquet portion of Lambton Shores (LS) which came under the St. Clair Region Conservation Authority’s jurisdiction in 2006. Ipperwash Beach, including West Ipperwash Beach, was identified as dynamic beach as defined by provincial guidelines and as assessed in 2010 by Baird and Associates.

The Lake Huron flood, erosion and dynamic beach hazard is regulated by the SCRCA, where it has jurisdiction, via Ontario Regulation 171/06 “*Development, Interference with Wetlands & Alterations to Shorelines & Watercourses*”. The Conservation Authority’s Regulation objective is to protect the dynamic beach system in order to prevent risk to flooding and erosion to properties during high lake level periods.

The Ministry of Natural Resources and Forestry Natural Hazards Training Manual (MNR 1997) states that mechanisms should be incorporated into the planning process to provide the flexibility to undertake a study using accepted scientific and engineering principles, to determine the landward limit of the dynamic beach hazard.

The St. Clair Region Conservation Authority staff have identified that an assessment of the dynamic beach hazard on the West Ipperwash private lots is warranted. Along with this assessment, development guidelines for the private lots is needed once the dynamic beach assessment is carried out.

In addition to the assessment and development guidelines, a best management practices fact sheet based on West Ipperwash conditions, is to be formulated. Consultation and Engagement with both private landowners and Chippewas of Kettle Stony Point First Nation is required.

Study Area

West Ipperwash beach is considered a strip of foreshore beach between Centre Sideroad and West Ipperwash Road. The private lots that abut the beach hazard are accessed from Centre Sideroad, London Road, Tobias Lane, Jane Street, Juniper Lane, Cedar Lane, Spruce Street, William Street, Margaret Place, Agnes Place and Ruth Place. Approximately 101 dwellings are situated within the provincial dynamic beach allowance, as currently delineated. The Chippewas of Kettle and Stony Point First Nation manage and maintain the foreshore beach lands beyond the private lots.

Jurisdiction

The Supreme Court of Canada determined that First Nations have use of the foreshore beach, but that lot parcels are privately owned. Due to the nature of the beach and processes that occur here, debris often deposits and an agreement has been reached between West Ipperwash residents (West Ipperwash Beach Association) and Kettle Stony Point First Nations regarding cleaning and grooming of the beach. The following motion was passed by the SCRCA Board of Directors in 2012.

1. Regarding First Nations works on the beach, the St. Clair Region Conservation Authority (SCRCA) Board of Directors passed the following motion at the September Board of Directors meeting:

BD-12-125

Arnold - MacKenzie

"That the Board of Directors acknowledges the discussion paper on SCRCA jurisdiction on West Ipperwash Beach area dated September 7, 2012 and further concurs that their understanding, at this time, is that the St. Clair Region Conservation Authority does not have regulatory jurisdiction over First Nations activity described under Section 28 of the Conservation Authorities Act."

CARRIED

Project Tasks

1. Carry out an engineering assessment to determine the dynamic beach limit along 1.3 kilometres of West Ipperwash beach (Centre Sideroad to West Ipperwash Road).
2. Utilize and refer to the SCRCA's Shoreline Management Plan as background.
3. In consultation with SCRCA and municipal staff, draft site specific development guidelines for West Ipperwash Beach, building on the Shoreline Development Guidelines in the Shoreline Management Plan p. 54.
4. Identify and assess effectiveness of existing shoreline protection for the long term protection of the dynamic beach and flooding and erosion of private property .
5. Provide recommendations on carrying out KSPFN engagement and consultation. A copy of TRCA's Engagement Guidelines are attached for reference purposes.
6. Provide Best Management Practices fact sheet or brochure addressing good beach management specifically for West Ipperwash Beach.
7. Hold a public meeting for the West Ipperwash Beach Association and KSPFN (no later than August 27, 2016)
8. Prepare final report and digital mapping for use by CA and municipality.

Reports and Deliverables

Two final draft copies and one electronic copy of the report shall be submitted. One colour hard copies and one electronic copy of the report shall be submitted . The electronic copies shall be in Microsoft Office (e.g. Word and Excel) and PDF format. The consultant shall allow four (4) weeks for SCRCA to review and comment on the draft report. The mapping to be georeferenced to the NAD83 UTM Zone 17N coordinate system and compatible with ArcGIS software.

Meetings and Presentations

Two meetings will be required.

One meeting will be scheduled with SCRCA and municipal staff to review the draft report. Another landowner/KSPFN meeting in the Ipperwash Area will be held to present the draft report and obtain comments. Landowner and FN contact list can be provided. Subject to Freedom of Information. West Ipperwash Landowners Association and KSPFN each have a facebook page. Permission will need to be obtained.

Project lead:

Patty Hayman, Director of Planning
St. Clair Region Conservation Authority
205 Mill Pond Cres.
Strathroy, Ontario, Canada N7G 3P9
Telephone: 1-519-245-3710
FAX: 1-519-245-3348
www.scrca.on.ca/ContactUs (for office location & Map)
phayman@scrca.on.ca

The consultant is to organize and conduct the public meeting/open house and presentation/display. (SCRCA staff can assist). The consultant is to document the public consultation phase and incorporate key items in the report as well as present all public consultation documentation in a separate Appendix to the Plan. SCRCA GIS staff can assist in the preparation of mapping products.

Resources

1. 2010 SCRCA Lake Huron Shoreline Management Plan, SCRCA
2. Updated ABCA Shoreline Management Plan, 2000. Original document 1994, ABCA See http://www.abca.on.ca/downloads/Shoreline_Management_Plan_All.pdf
3. 1935 Ontario Land Survey for the former No Mans Land.
4. Lake Huron Shoreline Processes Study, F. J. Reinders and Associates, December 1989.
5. Ministry of Natural Resources Technical Guide for Great Lakes – St. Lawrence River Shorelines – Appendix A7.2 – Existing Development within the Hazardous Lands, 1993

Proposal requirements and Deadline

Proposal Format

1. Company Details

(History, Study team proposed, Project experience, Experience related to Coastal processes, References) Changes in study team members listed in the proposal will not be permitted without prior written approval of the SCRCA.

2. Professional Service Proposed

(Overview, Problem statement, Description of service to be provided, Action plan and associated time schedule) The project should be completed and deliverables received no later than November 30, 2016. Public meeting/open house to be held prior to August 27, 2016.

Pricing

1. Total project cost to be identified. Note* The total cost shown in the project cost summary shall be considered as the upset limit for this project and shall not be exceeded unless written approval is given by the SCRCA. The total to include HST.
2. Price detailing to be itemized based on Table A below.

Costs should be divided into the following categories:

Table A

| Categories (not exclusive) | Cost estimate |
|--|----------------------|
| Coastal science analysis | |
| Draft Development guidelines based on analysis and results | |
| Recommended Best Management Practices | |
| Consultation and Engagement 3. KSPFN 4. West Ipperwash beach landowners and Association members 5. SCRCA members/Lambton Shores councillors | |
| Upset limit | |

Submission Details

Submissions for this proposal call will be physically or electronically received by the St. Clair Region Conservation Authority, 205 Mill Pond Crescent, Strathroy Ontario N7G 3P9, not later than June 17, 2016 at 4 p.m. The lowest or any bid will not necessarily be accepted and the SCRCA reserves the right to accept or reject any part of or all proposals and to award this proposal to one or more proponents.

Any questions regarding this RFP are to be directed to Patty Hayman at phayman@scrca.on.ca.

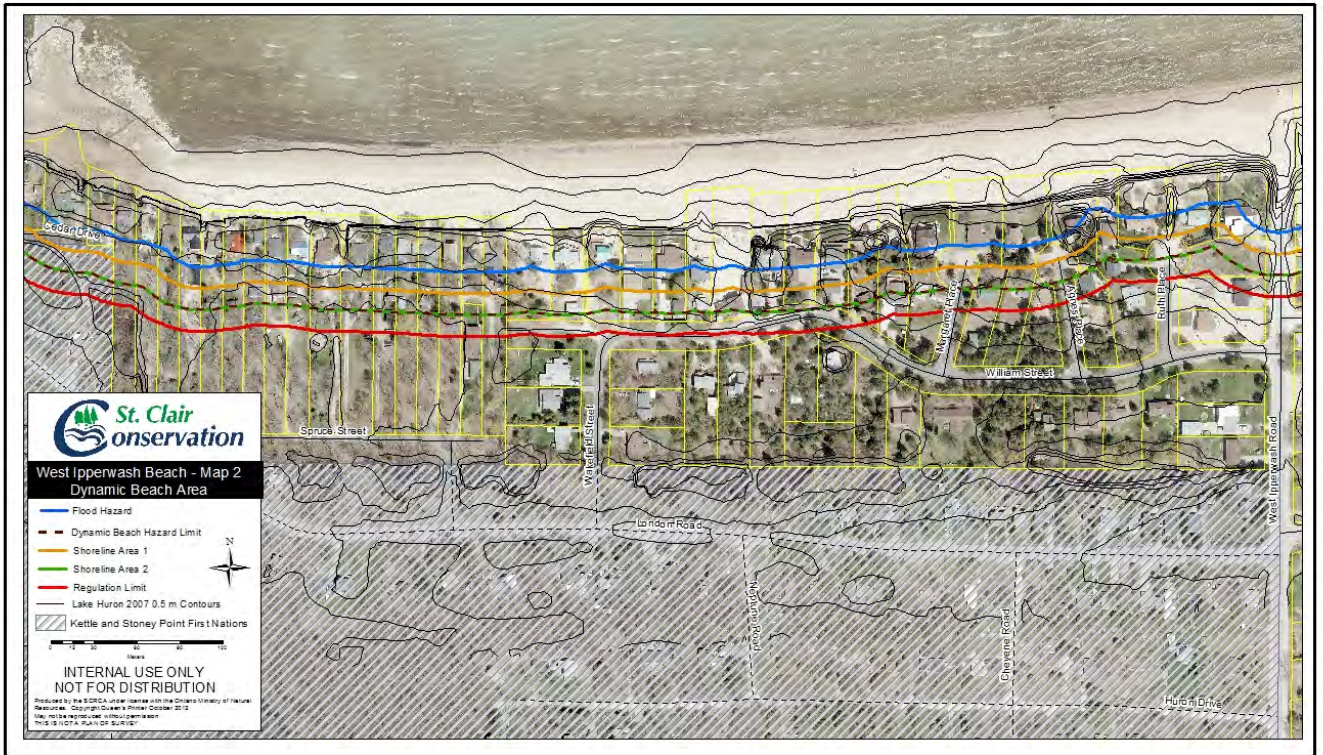
The SCRCA will require that the successful consultant enter into a standard consulting agreement between the Authority and the proponent.

Freedom of Information

Documents or records provided could be subject to an information request under the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, as amended, and may be released to the public upon review of the request

Appendix A Project Area





**Member
Municipalities**

June 3, 2016

11.(vi)

Township of
Adelaide-Metcalf

Township of
Brooke-Alvinston

Municipality of
Chatham-Kent

Township of
Dawn-Euphemia

Township of
Enniskillen

Municipality of
Lambton Shores

Township of
Middlesex Centre

Village of
Newbury

Village of
Oil Springs

Town of
Petrolia

Town of
Plympton-Wyoming

Village of
Point Edward

City of
Sarnia

Municipality of
Southwest Middlesex

Township of
St. Clair

Township of
Strathroy-Caradoc

Township of
Warwick

Chief Thomas Bressette
Chippewas of Kettle & Stony Point First Nation
6247 Indian Lane
Kettle Point, ON
N0N 1J1

Dear Chief Bressette:

Re: First Nation Consultation – West Ipperwash hazard limit assessment study

The dynamic beach hazard land limit on cottage/dwelling lands has been determined to need further assessment. See attached maps for the location of the hazard limits. To assist the St. Clair Region Conservation Authority and the Municipality in formulating development policies on non-First Nation lands, a site specific hazard limit with coastal engineering expertise is needed. The Study Terms of Reference are attached to further explain the project. This project is a partnership between the Municipality of Lambton Shores and the St. Clair Region Conservation Authority.

The Conservation Authority is aware of the existing Aboriginal rights to the foreshore beach in the West Ipperwash area. This engineered study will not have any impact on Aboriginal use or rights of the beach. This is a hazard study to determine the dynamic beach limit, using accepted scientific and engineering principles.

We wish to initiate engagement for this project, and welcome discussing and providing further information to Kettle & Stony Point First Nation Chief and Council, if requested. Going forward, the consultant may need to survey the foreshore beach and cottage lands a short distance inland. If there are any issues or concerns with undertaking this work and the study, please contact us at your convenience to indicate as such by June 24, 2016. In order to provide information to summer residents, we would need to award a contract by July 1, 2016.

Should you have any questions or comments in relation to the planned project, please contact the undersigned or Patty Hayman, Director of Planning (Email: phayman@scrca.on.ca / Tel: (519) 245-3710 x 225).

Yours truly,

Brian McDougall
General Manager

Encl. (maps and ToR)

cc: Loraine George
Kettle & Stony Point FN
6247 Indian Lane
Kettle Point, ON N0N 1J1

Prepared By: Tracy Prince
June 6, 2016

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Four Months Ended 30/04/2016

| | Actual To Date | | | Annual Budget | | Variance from Budget | |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|
| | Revenue | Expenditures | Surplus(Deficit) | Revenue | Expenditures | Revenue | Expenditures |
| Flood Control & Erosion Control | \$676,971 | \$170,624 | \$506,346 | \$671,732 | \$671,732 | \$5,239 | (\$501,108) |
| Capital Projects/WECI | \$192,632 | \$21,131 | \$171,500 | \$171,100 | \$171,100 | \$21,532 | (\$149,969) |
| Conservation Area's Capital Development | \$139,435 | \$32,504 | \$106,931 | \$104,000 | \$104,000 | \$35,435 | (\$71,496) |
| IT Capital | \$6,448 | \$0 | \$6,448 | \$19,200 | \$19,200 | (\$12,752) | (\$19,200) |
| Equipment | \$27,600 | \$0 | \$27,600 | \$72,000 | \$72,000 | (\$44,400) | (\$72,000) |
| Planning & Regulations | \$250,161 | \$131,028 | \$119,133 | \$448,410 | \$448,410 | (\$198,249) | (\$317,382) |
| Technical Studies | \$341,238 | \$61,288 | \$279,950 | \$262,623 | \$262,623 | \$78,615 | (\$201,335) |
| Recreation | \$813,046 | \$194,531 | \$618,516 | \$1,163,620 | \$1,163,620 | (\$350,574) | (\$969,089) |
| Property Management | \$43,095 | \$69,821 | (\$26,726) | \$285,500 | \$285,500 | (\$242,405) | (\$215,679) |
| Education and Communication | \$80,106 | \$56,035 | \$24,071 | \$211,265 | \$211,265 | (\$131,159) | (\$155,230) |
| Source Water Protection | \$55,751 | \$52,127 | \$3,624 | \$175,000 | \$175,000 | (\$119,249) | (\$122,873) |
| Conservation Services/Healthy Watersheds | \$666,376 | \$170,098 | \$496,278 | \$583,650 | \$583,650 | \$82,726 | (\$413,552) |
| Administration/AOC Management | \$549,558 | \$321,803 | \$227,754 | \$1,173,063 | \$1,173,063 | (\$623,505) | (\$851,260) |
| | \$3,842,415 | \$1,280,989 | \$2,561,425 | \$5,341,163 | \$5,341,163 | (\$1,498,748) | (\$4,060,174) |

Notes:

1. Municipal matching, non-matching, 3-D Special and Recreation levies totaling \$746,455 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.

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM April to May 2016**

12.(ii)

| CHQ. # | DATE | VENDOR | DESCRIPTION | AMOUNT |
|---------------|-------------|---|--------------------------------------|---------------|
| 17765 | 4/6/2016 | ALS CANADA LIMITED | Water Samples | \$ 1,820.43 |
| 17766 | 4/6/2016 | KEVAN BAKER | Uniform | \$ 84.72 |
| 17767 | 4/6/2016 | BANNER PUBLICATIONS | Subscription | \$ 162.00 |
| 17768 | 4/6/2016 | BUESINK WELDING & REPAIR INC. | Kubota Flatbed - Repairs | \$ 2,017.05 |
| 17769 | 4/6/2016 | BUFFETT, TAYLOR & ASSOCIATES I | Group Benefits | \$ 11,028.41 |
| 17770 | 4/6/2016 | Canadian Linen & Uniform | Floor Mats | \$ 146.40 |
| 17771 | 4/6/2016 | COR'S MOTORS LTD. | Vehicle Maintenance & Repairs | \$ 190.08 |
| 17772 | 4/6/2016 | DOWLER KARN PROPANE | Propane Fuel | \$ 167.18 |
| 17773 | 4/6/2016 | DUCKS UNLIMITED CANADA | Connor Marsh Project - Grant | \$ 5,000.00 |
| 17774 | 4/6/2016 | CHRIS DURAND | SWOOP Software | \$ 284.83 |
| 17775 | 4/6/2016 | Equipment Medic | Pump Motor - McLean | \$ 10,316.90 |
| 17776 | 4/6/2016 | FOREST CITY BUSINESS EQUIPMENT | Copier Rental | \$ 2,001.49 |
| 17777 | 4/6/2016 | MELISSA GILL | Mileage | \$ 349.25 |
| 17778 | 4/6/2016 | Infomart | Memberships | \$ 1,491.60 |
| 17779 | 4/6/2016 | Konica Minolta Business Solutions (Canada) Ltd. | Document Mgmt. - Service Agreement | \$ 53,110.00 |
| 17780 | 4/6/2016 | LANDSTRA CATERING | Workshop Lunch | \$ 248.93 |
| 17781 | 4/6/2016 | LARRY MACDONALD CHEV OLDS | Vehicle Service & Repair | \$ 565.59 |
| 17782 | 4/6/2016 | LMac Community CPR | First Aid Training - Health & Safety | \$ 2,333.45 |
| 17783 | 4/6/2016 | LOBLAW COMPANIES LIMITED | Meeting Supplies | \$ 11.94 |
| 17784 | 4/6/2016 | BRIAN MCDOUGALL | Mileage and Parking | \$ 444.15 |
| 17785 | 4/6/2016 | MIDDLESEX PRINTING CORPORATION | Directory Brochures | \$ 340.42 |
| 17786 | 4/6/2016 | MSD Inc. | Picnic Tables | \$ 4,456.72 |
| 17787 | 4/6/2016 | SHARON NETHERCOTT | Mileage & Supplies | \$ 497.19 |
| 17788 | 4/6/2016 | NOTHERS | Name badges | \$ 286.51 |
| 17789 | 4/6/2016 | TIM PAYNE | Conference and Mileage | \$ 286.20 |
| 17790 | 4/6/2016 | PODOLINSKY FARM EQUIPMENT | Supplies | \$ 68.00 |
| 17791 | 4/6/2016 | PUROLATOR COURIER | Courier | \$ 110.47 |
| 17792 | 4/6/2016 | RAPID BINDING & LAMINATING | Laminating | \$ 203.40 |
| 17793 | 4/6/2016 | RIVERVIEW | Vehicle Maintenance & Repairs | \$ 648.95 |
| 17794 | 4/6/2016 | Rural Lambton Stewardship Network | Mitchell's Bay Project - Grant | \$ 10,000.00 |
| 17795 | 4/6/2016 | Shannon Vending Limited | Meeting Supplies | \$ 109.90 |
| 17796 | 4/6/2016 | Shawna Riley | Meeting Expense - Food | \$ 210.00 |
| 17797 | 4/6/2016 | STEELES AUTO WRECKERS | Lock Change - Office | \$ 250.00 |

| | | | | |
|-------|--|-------------------------------------|----|------------|
| 17798 | 4/6/2016 STEVENS EXHIBIT DESIGN GROUP | Roller banner | \$ | 405.67 |
| 17799 | 4/6/2016 DONNA STRANG | Mileage / Meeting Expense/ Supplies | \$ | 768.64 |
| 17800 | 4/6/2016 STRATHROY HOME HARDWARE BUILDI | Supplies | \$ | 151.13 |
| 17801 | 4/6/2016 SUPERIOR COMPUTER SALES INC. | Replacement Hard Drive - Server | \$ | 350.30 |
| 17802 | 4/6/2016 BILL TURNER | Uniform | \$ | 190.89 |
| 17803 | 4/6/2016 ULINE Canada Corporation | Rope | \$ | 561.05 |
| 17804 | 4/6/2016 JESSICA VAN ZWOL | Mileage | \$ | 139.15 |
| 17805 | 4/6/2016 WARWICK AUTO SERVICE | Vehicle Maintenance & Repairs | \$ | 1,331.48 |
| 17806 | 4/6/2016 WARWICK GAS & VARIETY | Fuel | \$ | 360.12 |
| 17807 | 4/6/2016 WASTECORP | Mud sucker - Camping Area | \$ | 4,231.85 |
| 17808 | 4/6/2016 WATFORD HOME HARDWARE BUILDING | Supplies | \$ | 667.17 |
| 17809 | 4/6/2016 Willemse, Harry | HLH Grant for Seedlings | \$ | 238.00 |
| 17810 | 4/6/2016 ONTARIO MINISTER OF FINANCE | EHT | \$ | 3,004.47 |
| 17811 | 4/6/2016 FOREST GARDEN CLUB | Booth Fee | \$ | 35.00 |
| 17812 | 4/15/2016 ALS CANADA LIMITED | Water Samples | \$ | 2,831.78 |
| 17813 | 4/15/2016 2016 Petty Cash & Float | Henderson | \$ | 350.00 |
| 17814 | 4/15/2016 Canadian Linen & Uniform | Floor Mats | \$ | 36.60 |
| 17815 | 4/15/2016 CAROLINIAN CANADA | OTF 2015/16 - Grant | \$ | 3,435.00 |
| 17816 | 4/15/2016 CHIPPEWAS OF SARNIA | Aamjiwnaang Earth Day Sponsorship | \$ | 1,000.00 |
| 17817 | 4/15/2016 DOWLER KARN PROPANE | Propane Fuel | \$ | 139.05 |
| 17818 | 4/15/2016 DUN-RITE LANDSCAPING INC. | Snow Removal | \$ | 437.31 |
| 17819 | 4/15/2016 FIRST AID ZONE | Health & Safety Supplies | \$ | 74.55 |
| 17820 | 4/15/2016 FOREST CITY BUSINESS EQUIPMENT | Photocopier Lease | \$ | 372.90 |
| 17821 | 4/15/2016 GERBER ELECTRIC | Repairs | \$ | 235.66 |
| 17822 | 4/15/2016 Golder Associates | Geotechnical Consulting | \$ | 2,825.00 |
| 17823 | 4/15/2016 Great West Realty, Auction, Estate | Consulting - Bush Property | \$ | 452.00 |
| 17824 | 4/15/2016 HEYLAND FARMS LTD./DOUG MCGEE | Tree Planter Repair | \$ | 192.10 |
| 17825 | 4/15/2016 KELLY JOHNSON | Internet | \$ | 70.00 |
| 17826 | 4/15/2016 KNIGHTHUNTER.COM | Recruitment - Planner | \$ | 63.28 |
| 17827 | 4/15/2016 KYIS EMBROIDERY | Uniform | \$ | 416.63 |
| 17828 | 4/15/2016 LARRY MACDONALD CHEV OLDS | Vehicle Service & Repair | \$ | 232.72 |
| 17829 | 4/15/2016 Marsh Canada Limited | Insurance | \$ | 101,650.88 |
| 17830 | 4/15/2016 MECHANICAL ADVERTISING | Supplies | \$ | 707.72 |
| 17831 | 4/15/2016 MIDDLESEX PRINTING CORPORATION | Reptile Cards | \$ | 111.73 |
| 17832 | 4/15/2016 PODOLINSKY FARM EQUIPMENT | Lawn Mower - Camping | \$ | 21,008.96 |
| 17833 | 4/15/2016 TRACY PRINCE | Travel Expenses | \$ | 295.53 |
| 17834 | 4/15/2016 PUROLATOR COURIER | Courier | \$ | 13.05 |

| | | | | |
|-------|--|-----------------------------------|----|-----------|
| 17835 | 4/15/2016 GIRISH SANKAR | Travel Expense | \$ | 263.91 |
| 17836 | 4/15/2016 SHOREPLAN ENGINEERING LTD. | AAmjiwnaang Shoreline Restoration | \$ | 19,502.67 |
| 17837 | 4/15/2016 SIGNS AND DESIGNS | Display Signs | \$ | 1,661.10 |
| 17838 | 4/15/2016 SRNA/LMBTN CHAMBER OF COMMERCE | Membership Fee | \$ | 363.57 |
| 17839 | 4/15/2016 STRATHROY HOME HARDWARE BUILDI | Supplies | \$ | 35.31 |
| 17840 | 4/15/2016 SUN MEDIA CORPORATION | Advertising | \$ | 895.64 |
| 17841 | 4/15/2016 MIKE TIZZARD | 2016 Petty Cash & Float | \$ | 350.00 |
| 17842 | 4/15/2016 TOWN OF PLYMPTON-WYOMING | Utilities | \$ | 121.38 |
| 17843 | 4/15/2016 TOWNSHIP OF WARWICK | Utilities | \$ | 88.31 |
| 17844 | 4/15/2016 BILL TURNER | 2016 Float & Petty Cash | \$ | 350.00 |
| 17845 | 4/15/2016 ULINE Canada Corporation | Rope | \$ | 560.84 |
| 17846 | 4/15/2016 WATFORD HOME HARDWARE BUILDING | Supplies | \$ | 263.94 |
| 17847 | 4/15/2016 SUN MEDIA CORPORATION | Advertising | \$ | 767.27 |
| 17849 | 5/2/2016 4IMPRINT, INC. | Promotional Products | \$ | 2,734.11 |
| 17850 | 5/2/2016 KEVAN BAKER | Uniform | \$ | 45.77 |
| 17851 | 5/2/2016 MARK BAKELAAR | Uniform | \$ | 237.12 |
| 17852 | 5/2/2016 GLENN BAXTER | Uniform | \$ | 454.55 |
| 17853 | 5/2/2016 BUFFETT, TAYLOR & ASSOCIATES I | Group Benefits | \$ | 11,727.39 |
| 17854 | 5/2/2016 BURNARD CONSTRUCTION | Addition AWC workshop | \$ | 28,476.00 |
| 17855 | 5/2/2016 Canadian Linen & Uniform | Floor Mats | \$ | 73.20 |
| 17856 | 5/2/2016 CENTRAL SANITATION | Portable Toilets | \$ | 626.80 |
| 17857 | 5/2/2016 COINAMATIC | May 2016 Laundry Rent | \$ | 59.84 |
| 17858 | 5/2/2016 Deborah Ward | Consulting | \$ | 625.00 |
| 17859 | 5/2/2016 DELAWARE PUMP & PARTS LIMITED | Supplies | \$ | 600.64 |
| 17860 | 5/2/2016 DELTA POWER EQUIPMENT | Equipment Repair | \$ | 1,860.25 |
| 17861 | 5/2/2016 GERBER ELECTRIC | Electrical Repairs - WWK | \$ | 5,216.63 |
| 17862 | 5/2/2016 MELISSA GILL | Supplies, Mileage, Uniform | \$ | 318.14 |
| 17863 | 5/2/2016 HILLEN NURSERY INC. | Trees | \$ | 1,892.75 |
| 17864 | 5/2/2016 Huronweb Offset Printing Inc | Advertising | \$ | 678.00 |
| 17865 | 5/2/2016 KELLY JOHNSON | Mileage | \$ | 171.05 |
| 17866 | 5/2/2016 Sarah Kellestine - Petty Cash | Petty Cash | \$ | 241.55 |
| 17867 | 5/2/2016 KETTLE CREEK CONS. AUTHORITY | 2016 London Farm Show | \$ | 138.35 |
| 17868 | 5/2/2016 LARRY MACDONALD CHEV OLDS | Vehicle Service & Repair | \$ | 286.84 |
| 17869 | 5/2/2016 LOBLAW COMPANIES LIMITED | Meeting Expense - Food | \$ | 16.82 |
| 17870 | 5/2/2016 Heather Long | Supplies | \$ | 87.57 |
| 17871 | 5/2/2016 BRIAN MCDOUGALL | Mileage | \$ | 557.15 |
| 17872 | 5/2/2016 Mt. Brydges Ford Sales Ltd. | Vehicle Service | \$ | 165.85 |

| | | | | |
|-------|---|-------------------------------|----|----------|
| 17873 | 5/2/2016 Laskey's Services 719329 ONTARIO LIMITED | Pump Motor Repair | \$ | 291.91 |
| 17874 | 5/2/2016 TIM PAYNE | Travel | \$ | 51.70 |
| 17875 | 5/2/2016 PETROLIA HOME HARDWARE | Supplies | \$ | 127.80 |
| 17876 | 5/2/2016 PRAXAIR DISTRIBUTION, DIV OF P | Nitrogen | \$ | 82.52 |
| 17877 | 5/2/2016 PUROLATOR COURIER | Courier | \$ | 69.70 |
| 17878 | 5/2/2016 SAUGEEN VALLEY CONSERVATION AU | Workshop Fee | \$ | 30.00 |
| 17879 | 5/2/2016 JEFF SHARP | Travel & Canoe Race Supplies | \$ | 43.29 |
| 17880 | 5/2/2016 Shannon Vending Limited | Meeting Supplies | \$ | 109.90 |
| 17881 | 5/2/2016 DON SKINNER | Work boots | \$ | 125.00 |
| 17882 | 5/2/2016 SLOAN'S NURSERY & CHRISTMAS TR | Trees | \$ | 7,242.74 |
| 17883 | 5/2/2016 ST. CLAIR REGION SOIL & CROP I | Advertising | \$ | 100.00 |
| 17884 | 5/2/2016 STEVENS EXHIBIT DESIGN GROUP | Display System | \$ | 3,194.51 |
| 17885 | 5/2/2016 STRATHROY SPORTS EXCELLENCE | Uniform | \$ | 862.42 |
| 17886 | 5/2/2016 ST. WILLIAMS NURSERY & ECOLOGY | Trees | \$ | 885.60 |
| 17887 | 5/2/2016 TOWNSHIP OF ENNISKILLEN | Overpaid Invoice 13421 | \$ | 592.00 |
| 17888 | 5/2/2016 TOWNSHIP OF DAWN-EUPHEMIA | Utilities | \$ | 20.00 |
| 17889 | 5/2/2016 WATFORD HOME HARDWARE BUILDING | Supplies | \$ | 1,174.71 |
| 17890 | 5/2/2016 Wilcox, Greg | Supplies | \$ | 49.76 |
| 17891 | 5/2/2016 WINDOVER NURSERIES INC. | Trees | \$ | 1,887.10 |
| 17892 | 5/2/2016 ONTARIO MINISTER OF FINANCE | EHT | \$ | 3,351.72 |
| 17894 | 5/18/2016 21 SHELL & VARIETY | Fuel | \$ | 340.00 |
| 17895 | 5/18/2016 Bore Fence Ltd | Repair Supplies | \$ | 2,367.35 |
| 17896 | 5/18/2016 Donna Breakey | Uniform & Work Boots | \$ | 264.55 |
| 17897 | 5/18/2016 Campbells Outdoor Power Equipm | Equipment Repair | \$ | 194.37 |
| 17898 | 5/18/2016 Caron Gravel | Mulch | \$ | 291.54 |
| 17899 | 5/18/2016 CENTRAL SANITATION | Portable Toilets | \$ | 282.50 |
| 17900 | 5/18/2016 STEPHEN CLARK | Supplies | \$ | 49.21 |
| 17901 | 5/18/2016 COINAMATIC | May 2016 Laundry Rent | \$ | 59.84 |
| 17902 | 5/18/2016 ComPsych Canada Ltd | Guidance Resource | \$ | 935.24 |
| 17903 | 5/18/2016 CONSERVATION ONTARIO | SWOOP 2015-16 Sub License Fee | \$ | 5,253.48 |
| 17904 | 5/18/2016 COR'S MOTORS LTD. | Vehicle Maintenance & Repairs | \$ | 1,782.98 |
| 17905 | 5/18/2016 CORP.OF THE CTY. OF MIDDLESEX | Advertising | \$ | 339.00 |
| 17906 | 5/18/2016 Cody Coverdale | Travel | \$ | 55.00 |
| 17907 | 5/18/2016 CP INDUSTRIES LTD. | Supplies | \$ | 2,086.99 |
| 17908 | 5/18/2016 DOWLER KARN PROPANE | Propane Fuel | \$ | 121.40 |
| 17909 | 5/18/2016 FOREST AGRI SERVICES LTD. | Supplies | \$ | 12.50 |
| 17910 | 5/18/2016 Golder Associates | Geotechnical Inspection | \$ | 1,965.00 |

| | | | |
|-------|--|-------------------------------|--------------|
| 17911 | 5/18/2016 HAYTER-WALDEN PUBLICATIONS INC | Subscription Renewal | \$ 80.00 |
| 17912 | 5/18/2016 ERNIE HERRINGTON | WWK - Water Line | \$ 1,830.61 |
| 17913 | 5/18/2016 Jarrett Dare | Equipment Maintenance | \$ 169.50 |
| 17914 | 5/18/2016 KYIS EMBROIDERY | Uniform | \$ 72.32 |
| 17915 | 5/18/2016 Lambton Home Building Centre | LCH Renovation | \$ 360.78 |
| 17916 | 5/18/2016 LARRY MACDONALD CHEV OLDS | Vehicle Service & Repair | \$ 1,093.43 |
| 17917 | 5/18/2016 LOBLAW COMPANIES LIMITED | Food - WWK Tree Planting | \$ 31.95 |
| 17918 | 5/18/2016 Marine Outfitters Canada Inc | Equipment | \$ 105.02 |
| 17919 | 5/18/2016 BRIAN MCDOUGALL | Mileage | \$ 743.60 |
| 17920 | 5/18/2016 MECHANICAL ADVERTISING | Signs | \$ 97.41 |
| 17921 | 5/18/2016 MILLIKEN PLUMBING & HEATING LT | Shower - LCH | \$ 1,785.40 |
| 17922 | 5/18/2016 PETROLIA HOME HARDWARE | Supplies | \$ 141.98 |
| 17923 | 5/18/2016 PINENEEDLE FARMS | Seedlings | \$ 2,748.73 |
| 17924 | 5/18/2016 PODOLINSKY FARM EQUIPMENT | Vehicle Maintenance | \$ 285.40 |
| 17925 | 5/18/2016 PUROLATOR COURIER | Courier | \$ 26.10 |
| 17926 | 5/18/2016 RIVERVIEW | Vehicle Maintenance & Repairs | \$ 105.03 |
| 17927 | 5/18/2016 Shannon Vending Limited | Meeting Supplies | \$ 109.90 |
| 17928 | 5/18/2016 STRATHROY HOME HARDWARE BUILDI | Supplies | \$ 144.83 |
| 17929 | 5/18/2016 STRATHROY TIRE SALES & SERVICE | Vehicle Repair | \$ 90.40 |
| 17930 | 5/18/2016 SUPERIOR COMPUTER SALES INC. | IT Equipment | \$ 2,905.23 |
| 17931 | 5/18/2016 SWISH MAINTENANCE LIMITED | Supplies | \$ 13,109.63 |
| 17932 | 5/18/2016 THREE MAPLES VARIETY | Fuel | \$ 666.31 |
| 17933 | 5/18/2016 MIKE TIZZARD | AWC Expenses | \$ 542.51 |
| 17934 | 5/18/2016 VAN TUYL & FAIRBANK | Supplies | \$ 515.61 |
| 17935 | 5/18/2016 WARWICK GAS & VARIETY | Fuel | \$ 391.90 |
| 17936 | 5/18/2016 WASTE MANAGEMENT OF CANADA COR | Waste Collection | \$ 895.49 |
| 17937 | 5/18/2016 WATFORD HOME HARDWARE BUILDING | Supplies | \$ 435.97 |
| 17938 | 5/18/2016 WATSON TIM-BR MART | Supplies | \$ 328.17 |

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

\$ 407,651.38

INTERNET BANKING April to May 2016

| TRANS # | DATE | VENDOR | DESCRIPTION | AMOUNT |
|----------------|-------------|---------------|--------------------|---------------|
|----------------|-------------|---------------|--------------------|---------------|

| | | | | |
|------|---|----------------------|----|-----------|
| 8389 | 4/30/2016 BELL CANADA | Telephone | \$ | 14.52 |
| 8390 | 4/30/2016 BELL CANADA | Telephone | \$ | 369.05 |
| 8391 | 4/30/2016 BELL MOBILITY CELLULAR | Internet | \$ | 67.80 |
| 8392 | 4/30/2016 BROOKE TELECOM CO-OP | Telephone | \$ | 723.39 |
| 8393 | 4/30/2016 Canada Revenue Agency - HST | HST Return | \$ | 26,037.41 |
| 8394 | 4/30/2016 ENTEGRUS SERVICES INC. (CHATHA | Utilities | \$ | 1,150.79 |
| 8395 | 4/30/2016 Execulink Telecom | Internet / Telephone | \$ | 868.07 |
| 8396 | 4/30/2016 FCDQ (DESJARDINS) | Office Supplies | \$ | 65.47 |
| 8397 | 4/30/2016 HYDRO ONE Networks Inc. | Utilities | \$ | - |
| 8398 | 4/30/2016 HYDRO ONE Networks Inc. | Utilities | \$ | 3,040.92 |
| 8399 | 4/30/2016 MASTERCARD | Misc. Purchases | \$ | 5,902.50 |
| 8400 | 4/30/2016 OMERS | Pension | \$ | 28,817.86 |
| 8401 | 4/30/2016 PETRO CANADA INC. | Fuel | \$ | 1,556.04 |
| 8402 | 4/30/2016 RECEIVER GENERAL | Source Deductions | \$ | 51,045.37 |
| 8403 | 4/30/2016 Rogers Cable Communications Inc | Internet | \$ | 190.91 |
| 8404 | 4/30/2016 ROGERS WIRELESS | Telephone | \$ | 579.06 |
| 8405 | 4/30/2016 Township of Enniskillen - Property Taxes | Property Taxes | \$ | 3,695.55 |
| 8406 | 4/30/2016 TSC Stores | Supplies | \$ | 46.76 |
| 8407 | 4/30/2016 UNION GAS LIMITED | Utilities | \$ | 244.44 |
| 8408 | 4/30/2016 WORKPLACE SAFETY & INS. BOARD | WSIB | \$ | 4,950.26 |
| 8409 | 5/31/2016 BELL CANADA | Telephone | \$ | 16.55 |
| 8410 | 5/31/2016 BELL CANADA | Telephone | \$ | 448.03 |
| 8411 | 5/31/2016 BELL MOBILITY CELLULAR | Internet | \$ | 67.80 |
| 8412 | 5/31/2016 BLUEWATER POWER | Utilities | \$ | 140.21 |
| 8413 | 5/31/2016 BROOKE TELECOM CO-OP | Telephone | \$ | 602.25 |
| 8414 | 5/31/2016 ENTEGRUS SERVICES INC. (CHATHA | Utilities | \$ | 964.34 |
| 8415 | 5/31/2016 Execulink Telecom | Internet / Telephone | \$ | 873.76 |
| 8416 | 5/31/2016 FCDQ (DESJARDINS) | Office Supplies | \$ | 899.61 |
| 8417 | 5/31/2016 HYDRO ONE Networks Inc. | Utilities | \$ | - |
| 8418 | 5/31/2016 HYDRO ONE Networks Inc. | Utilities | \$ | 5,135.88 |
| 8419 | 5/31/2016 MASTERCARD | Misc. Purchases | \$ | 8,546.71 |
| 8420 | 5/31/2016 OMERS | Pension | \$ | 63,958.56 |
| 8421 | 5/31/2016 PETRO CANADA INC. | Fuel | \$ | 2,541.99 |
| 8422 | 5/31/2016 RECEIVER GENERAL | Source Deductions | \$ | 84,396.97 |
| 8423 | 5/31/2016 Rogers Cable Communications Inc | Internet | \$ | 190.91 |
| 8424 | 5/31/2016 ROGERS WIRELESS | Internet | \$ | 5.65 |
| 8425 | 5/31/2016 Town of Plympton Wyoming - Property Taxes | Interim Taxes | \$ | 1,596.30 |

| | | | | |
|------|---|-----------|----|----------|
| 8426 | 5/31/2016 TSC Stores | Supplies | \$ | 318.73 |
| 8427 | 5/31/2016 UNION GAS LIMITED | Utilities | \$ | 196.01 |
| 8428 | 5/31/2016 WORKPLACE SAFETY & INS. BOARD | WSIB | \$ | 5,747.06 |

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -

\$ 306,013.49

PAYROLL RUNS

| | | |
|----------------|----|-----------|
| PAYROLL NO. 7 | \$ | 55,391.06 |
| PAYROLL NO. 8 | \$ | 56,482.95 |
| PAYROLL NO. 9 | \$ | 60,583.82 |
| PAYROLL NO. 10 | \$ | 74,362.66 |
| PAYROLL NO. 11 | \$ | 76,326.53 |

TOTAL PAYROLL RUNS -

\$ 323,147.02

TOTAL DISBURSEMENTS -

\$ 1,036,811.89

2016 GENERAL LEVY SUMMARY

GLYSUM2016
Sarah Kellestine
31-May-16

| <u>MUNICIPALITY</u> | <u>GROSS LEVY</u> | <u>PAID TO DATE</u> | <u>OUTSTANDING</u> |
|------------------------|----------------------|----------------------|----------------------|
| Sarnia | \$ 277,949.00 | \$ 138,974.50 | \$ 138,974.50 |
| Chatham-Kent | 93,498.00 | | 93,498.00 |
| Brooke-Alvinston Twp. | 11,145.00 | 11,145.00 | 0.00 |
| Dawn Euphemia Twp. | 17,020.00 | 4,255.00 | 12,765.00 |
| Enniskillen Twp. | 12,057.00 | | 12,057.00 |
| Lambton Shores M. | 34,406.00 | 34,406.00 | 0.00 |
| Oil Springs V | 1,390.00 | 1,390.00 | 0.00 |
| Petrolia T | 17,032.00 | 17,032.00 | 0.00 |
| Plympton-Wyoming T | 35,855.00 | | 35,855.00 |
| Point Edward V | 16,834.00 | 16,834.00 | 0.00 |
| St. Clair Twp. | 76,581.00 | 76,581.00 | 0.00 |
| Warwick Twp. | 14,176.00 | 14,176.00 | 0.00 |
| Adelaide Metcalfe Twp. | 11,938.00 | 5,969.00 | 5,969.00 |
| Middlesex Centre Twp. | 14,757.00 | 14,757.00 | 0.00 |
| Newbury V | 1,070.00 | 1,070.00 | 0.00 |
| Southwest Middlesex M. | 7,957.00 | 7,957.00 | 0.00 |
| Strathroy-Caradoc M. | 57,791.00 | 28,895.50 | 28,895.50 |
| TOTAL | \$ 701,456.00 | \$ 373,442.00 | \$ 328,014.00 |

For the period ending **April 30, 2016**
Date of last statement: March 31, 2016
Primary account: 440-17189

04062



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



Your Investment Advisor:
JONATHAN BATCH

Phone: 519-646-3044
Batch Investment Group
www.batchinvestmentgroup.com
Assistant: Sharon Tingley
sharon.tingley@nbpcd.com
Suite 1900
One London Place
255 Queens Avenue
London, ON N6A 5R8
Branch Manager:
DAVID HAAK
Phone: (519) 672-8560



Account overview

| Canadian dollar account | | Market value |
|-----------------------------|-------------------|---------------------|
| 440-17189-13 Cash 17189 | | 1,379,195.66 |
| | This month | 1,379,195.66 |
| | Last statement | 1,379,190.34 |
| Grand total in Cdn\$ | | 1,379,195.66 |
| | This month | 1,379,195.66 |
| | Last statement | 1,379,190.34 |

You can access your up-to-date account information online through BMO Nesbitt Burns Gateway at:

<https://gateway.bmonesbitburns.com>
If you have not yet registered for Gateway access, please contact your Investment Advisor.

Bulletin board

The following security in your Cash account 440-17189 matures in the near future. Your Investment Advisor has investment alternatives.

BANK OF MONTREAL GIC
30 DAY CASHABLE ANNUAL
DUE 05/11/2016 0.950%

Convert to eStatements.

Stay organized, save time and eliminate clutter by opting to

receive your monthly statements electronically. Your eStatements are also accessible online for up to seven years after the statement was originally printed.

To turn off your paper statements, log on to <https://gateway.bmonesbitburns.com>.

The US/CDN conversion rate is: 1.2548, as of April 30th.

JTA0333267-0016247-04062-0002-0001-00-

F84000-ROLL (02/16)

Canadian dollar account

Summary of your investments

| Cash 17189 account | | |
|--|--------------------------------|---------------------------------|
| | Market Value (CDN currency) | % Invested by Asset Class |
| Cash & short-term investments | | 100% |
| Cash | 125,678.66 | |
| Long Positions | 1,253,517.00 | |
| Total value of your investments | 1,379,195.66 | 100% |

Summary of income and expenses

| | This month's income | This month's expenses | Year-to-date income | Year-to-date expenses |
|--------------|---------------------|-----------------------|---------------------|-----------------------|
| Dividends | 0.00 | 0.00 | 0.00 | 0.00 |
| Interest | 5.32 | 0.00 | 15.98 | 0.00 |
| Total | 5.32 | 0.00 | 15.98 | 0.00 |

Details of your investments

Cash & short-term investments

| Account type | Description | Quantity | Average cost | Total cost (CDN currency) | Market price | Total market value (CDN currency) |
|--|---|----------|--------------|------------------------------|--------------|--------------------------------------|
| Cash | Cash balance as of April 30 | | | 125,678.66 | | 125,678.66 |
| Cash | BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 05/11/2016 0.950% (See Bulletin board) | 927,467 | 100.000 | 927,467.00 | 100.000 | 927,467.00 |
| Cash | BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 06/20/2016 0.950% | 226,050 | 100.000 | 226,050.00 | 100.000 | 226,050.00 |
| Cash | EQUITABLE TRUST GIC ANNUAL DUE 09/07/2016 2.400% | 100,000 | 100.000 | 100,000.00 | 100.000 | 100,000.00 |
| Total - cash & short-term investments | | | | 1,379,195.66 | | 1,379,195.66 |
| Total of your investments | | | | 1,379,195.66 | | 1,379,195.66 |

JTA0333267-0016248-04062

For the period ending **April 30, 2016**
Primary account: 440-17189

Monthly activity

Transaction details

Cash account 440-17189

| Settle date | Activity | Description | Quantity | Price | Income/Expense | Amount (CDN currency) |
|-------------|----------|--|----------|-------|----------------|-----------------------|
| Apr 1 | | Opening cash balance | | | | 125,673.34 |
| Apr 22 | Interest | INTEREST ON CREDIT BALANCE AT 0.050% 03/22 THRU 04/21 | | | Income | 5.32 |
| Apr 30 | | Closing cash balance | | | | 125,678.66 |



JTA0333267-0016249-04062-0002-0002-00-

F84000-ROLL (02/16)

Other important information

About this statement

Please let us know within 45 days if any item(s) on this report is incorrect. You can contact your Investment Advisor or the BMO Nesbitt Burns Client Information Centre at 416 594-5920 or toll free at 1 888 769-4444. We may change the amounts on this report if we have omitted an item or if any numbers are incorrect.

Please let your Investment Advisor or Branch Manager know if your investment objectives or your financial situation has changed so we can ensure that you are on track to meet your investment objectives.

BMO Nesbitt Burns makes no guarantee for the accuracy of this information within this statement, including the average cost on individual securities. BMO Nesbitt Burns is not liable for any errors or omissions in this information.

The Average Cost and Total Cost for long positions incorporates the book cost of your investment, comprised of, the total amount paid, transaction charges, commissions and fees, adjusted for any corporate actions, reinvested distributions and return of capital. The Average Cost and Total Cost for short positions incorporates the book cost of your investment comprised of the total amount received, net of any transaction charges, commissions and fees, adjusted for distributions (other than dividends), returns of capital and corporate actions. Book cost on transferred in securities reflects the book cost provided by the transferring institution, or if not provided, the market value on the date of the transfer.

Legend of Average Cost indicators

M - Market Value information was used to estimate part or all of the Average Cost for this security position.

N/D Average Cost for this security holding cannot be determined.

O - Market Value information as of October 2, 2015 was used to estimate part or all of the Average Cost for this security position.

BMO Nesbitt Burns Inc. acted as principal in all transactions shown in this statement with the symbol "‡" in the "Description" column. In all other transactions, BMO Nesbitt Burns acted as agent.

A free credit balance represent funds payable on demand which, although properly recorded in our books, are not segregated and may be used in the conduct of our business. All security positions displayed are segregated unless otherwise indicated. Should there be a security in which the account holds a portion of the quantity segregated and a portion registered in your name, this will be indicated under the security description column.

A copy of our most recent statement of our financial condition and a list of directors and senior officers are available on request. Clients in British Columbia are entitled to certain information

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A member of BMO Financial Group.

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about BMO Nesbitt Burns, including information about commission and fees, and any administrative proceedings that may relate to the firm and its staff. For Related and Connected Issuer and Conflicts of Interest Statement, please visit our website: http://www.bmo.com/nesbittburns/about/nb/bmonb/regulatory_documents/conflicts_of_interest.

Prices of the securities in your accounts

We strive to provide accurate and current prices for securities. However, because we use numerous information sources for pricing, we cannot guarantee pricing accuracy for securities. Please call your Investment Advisor for the most current prices.

Legend of Market Price indicators

E- There is no active market for this security so we have estimated its market value.

N- We are unable to obtain a reliable market value for the security. Therefore, in accordance with our standard practice, the market value of the security is not determinable and has been set to zero. This does not mean that the security does not have a value but only that a value cannot be assigned at this time.

Deferred Sales Charge

Securities with 'Deferred Sales Charge' in the security description may be subject to deferred sales charges when sold.

Registered accounts

The trustee for registered accounts is BMO Trust Company.

Investor protection

For non-registered and registered plan accounts, the Canadian Investor Protection Fund protects cash and securities held with BMO Nesbitt Burns Inc. within specified limits. For Preferred or Preferred Plus accounts, deposits in your Canadian dollar bank account with Bank of Montreal are insurable under the Canada Deposit Insurance Corporation Act. Deposits in your U.S. dollar bank account with Bank of Montreal are not insurable under the Act and are not insured by the Canadian Investor Protection Fund. Your securities are protected under the Canadian Investor Protection Fund. Brochures describing the types and limits of coverage are available at your request.

Insurance products

All insurance products, including segregated funds, are offered through BMO Nesbitt Burns Financial Services Inc. by licensed life insurance agents, and, in Quebec, by financial security advisors.

Sales Tax information

The GST/HST registration number for BMO Nesbitt Burns Inc. is 103854261RT.

ACPCE07 - 8610
 SWSTM11000_7244261_001 E D

05438



Account Number: **460-16010**

Account Type: Regular Account

For the Period: **April 1 to 29, 2016**

Last Statement: March 31, 2016



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

Address Information

148 Fullarton Street
 Suite 1801
 London ON
 N6A 5P3

Phone: (519) 679-9490

Website: www.scotiawealthmanagement.com

Branch Manager: Matt Berry



Your Wealth Advisor

Craig Emptage

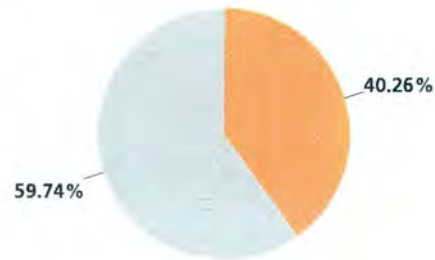
(519) 660-3259

craig.emptage@scotiawealth.com

CANADIAN Account Overview

Currency: CANADIAN DOLLAR

| Asset Class Summary | Apr. 29, 2016 Market Value | % of Total Assets |
|--|-------------------------------|----------------------|
| Fixed Income | 286,607 | 40.26 |
| Other | 425,273 | 59.74 |
| Total Value of Account | \$711,880 | 100.00 |
| Total Value on Last Statement, March 31, 2016 | \$711,364 | |



JTA0328866-0033993-05438-0002-0001-00-

Details of Your Account Holdings

| Type | Security Description | Quantity | Average Cost | Adjusted Book Value | Market Price | Market Value |
|-------------------------------|---|------------|--------------|---------------------|------------------|------------------|
| Fixed Income | | | | | | |
| CASH | MANULIFE STRATEGIC INCOME FUND CL F NL (659) | 5,667.856 | 12.775 | 72,410 | 12.841 | 72,781 |
| CASH | PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) | 15,195.111 | 14.517 | 220,593 | 14.072 | 213,826 |
| Total Fixed Income | | | | | | \$286,607 |
| Other | | | | | | |
| CASH | MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) See Endnote 1 | 21,335.181 | 9.993 | 213,215 | 9.976 | 212,840 |
| CASH | SIGNATURE CANADIAN BOND CORP CLASS EF NL (15137) | 20,991.394 | 10.294 | 216,092 | 10.120 | 212,433 |
| Total Other | | | | | | \$425,273 |
| Total Account Holdings | | | | \$722,310 | \$711,880 | |

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 | | | | | | |
| Apr. 01, 2016 | CASH | DIVIDEND | PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) REINVEST 03/31/16 @ \$13.9301 PLUS FRACTIONS OF 0.278 BOOK VALUE \$756.10 | 54 | | |
| Apr. 18, 2016 | CASH | FEE | MPP MANAGED PORTFOLIOS GST/HST 86817 6249 RT0001 QST/TVQ 1019148099 TQ0001 TID#0110F000117490 TID#0110F000117490 | | | -1,387.91 |

Monthly Activity - continued

| Date | Type | Activity | Description | Quantity | Price | Credit/Debit(-) |
|---------------|------|----------|--|----------|---------|-----------------|
| Apr. 22, 2016 | CASH | SELL | MANULIFE STRATEGIC INCOME FUND CL F NL (659) PLUS FRACTIONS OF 0.664 SOLICITED AS OF 04/19/16 | -107 | 12.8911 | 1,387.91 |
| Apr. 25, 2016 | CASH | DIVIDEND | MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) REINVEST 04/22/16 @ \$9.9736 PLUS FRACTIONS OF 0.826 BOOK VALUE \$317.42 | 31 | | |

Closing Cash Balance

\$0.00

Summary

Income Summary

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



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Terms and Conditions

Terms and Conditions are applicable to your account(s). For further details of these terms and conditions go on-line or speak to your Investment Advisor. <http://www.scotiabank.com/ca/common/pdf/scotiamcleod/TandC.pdf>

Average Cost & Adjusted Book Value

Adjusted book value is average cost times the number of shares that you hold of a security. The average cost and adjusted book value displayed on this statement may represent: 1) your total cost, including commission and fees, of acquiring the security, 2) the value at the time the security was transferred into the account, 3) the effect of subsequently re-invested dividends and/or mutual fund distributions, 4) revisions as a result of security reorganizations and other corporate actions, 5) values which you have provided and requested that we reflect, or a combination of the foregoing. A statement message will advise you that an adjustment has been made in the month it occurs. This information has been calculated to the best of our ability unless provided by you. This information should not be used for the purposes of tax reporting.

Statement Frequency

Statements are issued whenever there has been activity in the account during the past month; otherwise statements are issued on a quarterly basis.

Relationship with TMX Group Limited

Scotia Capital Inc. (or an affiliate thereof) owns or controls an equity interest in TMX Group Limited ("TMX") (and has a nominee director serving on the board thereof). As such, Scotia Capital Inc. may be considered to have an economic interest in the listing of securities on an exchange owned or operated by TMX, including the Toronto Stock Exchange, the TSX Venture Exchange and the Alpha Exchange. No person or company is required to obtain products or services from TMX or its affiliates as a condition of Scotia Capital Inc. supplying or continuing to supply a product or service.

Leverage / Margin Risk Disclosure Statement

The use of leverage may not be suitable for all investors. Using borrowed money (whether through a margin account or any other method of borrowing) to finance the purchase of securities involves greater risk than using cash resources only. If you borrow money to purchase securities, your responsibility to repay the loan and pay interest as required by its terms remains the same even if the value of the securities purchased declines.

Wealth Advisor Information

Details of the individual representative who accepted your order(s) are available upon request. Please contact the Branch Manager.

Cash Balances

This section shows the balance in your account, including all transactions that have settled. A debit balance is indicated by "-" and represents an amount owed to Scotia Capital Inc. ("ScotiaMcLeod"). Free credit balances in Regular accounts represent funds payable on demand which, although properly recorded in our books, are not segregated and may be used in the conduct of our business. Cash balances in Registered accounts are held in trust by the trustee.

Asset Class Summary

The information displayed reflects our records as of the statement date. Asset classes you hold will be displayed under the Asset Class Summary section in the statement. Please note that only the asset classes of securities you hold in your account will be displayed on your statement. The term "Total Value of Account" refers to the total market value of priced securities within your account, by currency, including cash balances at the close of the date indicated.

Income Summary (Regular Accounts Only)

Dividend and/or interest income that has been credited to your account this month and year-to-date are summarized in this section. Accrued or deemed interest on debt or discount securities purchased or sold is not included.

Payment Information (RIF and LIF Accounts Only)

The information displayed reflects our records as of the statement date. Minimum Annual Payment refers to the minimum annual amount required from your RRIF account by Canada Revenue Agency. If, according to our records, you have elected to receive an annual amount greater than the minimum payment, then this amount will be displayed as the Elected Payment Amount. Withholding tax will be charged for amounts withdrawn in excess of the Minimum Annual Payment. The Year to Date Payment amount displayed is the total amount of the payments sent to you, after withholding tax has been deducted, if applicable.

Monthly Activity

This section shows all the activity in your account during the month. The Date column refers to the settlement date in the case of executed trades, or processing date in the case of other entries. Direct Funds Transfers made to

your account on the last business day of the month may not appear on your month end statement until the following month.

Short Account

Proceeds from declared short sales have been segregated into a SHORT account and market increases and/or decreases from the original sale price are marked to the market. Such increases and/or decreases are transferred to your margin account weekly. Transfers are reflected with the description "Mark to Market."

Details of Your Account Holdings

The market valuation information has been obtained from sources believed to be reliable; however, we cannot guarantee their accuracy. Our best efforts have been made to price all securities; however, in some circumstances, we may be unable to obtain valuations. A current market quotation can be made available upon request.

Segregated Quantity

Securities regulations stipulate that all fully paid and excess margin securities must be promptly segregated and are not available for use in the general conduct of our business. All security positions displayed under the account holdings section are segregated unless otherwise indicated. Should there be a security in which the account holds a portion of the quantity segregated and a portion registered in your name, this will be indicated under the security description column.

Remuneration for Order Flow

In connection with certain trades in securities that are executed for you in the U.S. marketplace, ScotiaMcLeod will receive remuneration for directing orders to a particular broker-dealer or market center for execution. The source and amount of any such remuneration received by ScotiaMcLeod in connection with any transaction executed on your behalf shall be disclosed to you upon request.

Member - Canadian Investor Protection Fund

Client accounts are protected by the Canadian Investor Protection Fund within specified limits. Further information describing the nature and limits of coverage is available from ScotiaMcLeod upon request.

Endnotes

1. There has been an adjustment made to this book value during the statement period.
2. There is no active market for this investment, and therefore the market value has been estimated.
3. There is no active market for this investment, and the market value cannot be determined.
4. If this position is sold, a sales charge may be applied to the proceeds.
5. Some or all of the book value of this position has been determined using a market value calculation.
6. The book value of this position cannot be determined.

Other Information

Employees of The Bank of Nova Scotia ("Scotiabank") and/or ScotiaMcLeod are not authorized to provide tax or legal advice. Please consult your accountant or lawyer on such matters.

The financial statement of Scotiabank and Scotia Capital Inc. as at the close of the last financial year and a current list of directors and officers will be furnished upon request. Clients in British Columbia are entitled to certain additional information about ScotiaMcLeod, including information about commissions and fees that we charge, and about any administrative proceedings that may relate to the firm or its staff.

This statement reflects all obligations of the firm to you. Please examine this statement of account promptly. Any errors or omissions or unauthorized discretionary transactions must be reported in writing within 60 days as of the date of this statement to: Director, Compliance Department, 1 Adelaide Street East, 7th floor, Toronto, Ontario, Canada M5C 2V9 or you will be precluded from asserting that errors or omissions have occurred.

T: 1-800-377-0065 F: 416-350-3088
 em: scotiamcleodcomplaints@scotiabank.com

Code Information

| | | | |
|--------------------|------------|-------------------|--------------------|
| Code: | Nonvot | Resvot | Subvot |
| Definition: | Non-voting | Restricted Voting | Subordinate voting |

St. Clair Region Conservation Authority


2017 Draft Budget Process Presentation
June 23, 2016



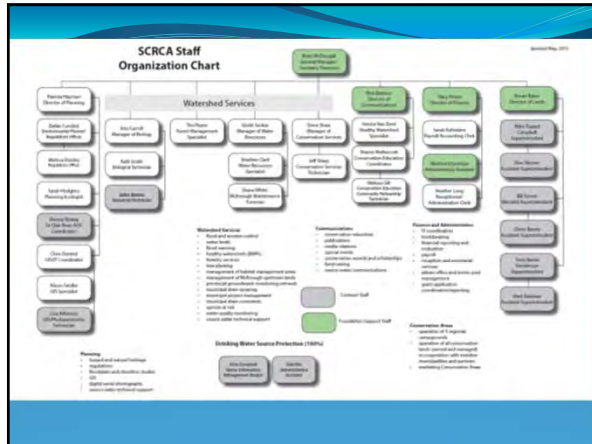


SCRCA Programs

- Flood Damage Reduction
- Erosion Control
- Hazard Land Planning
- Drinking Water Source Protection
- St. Clair River AOC
- Water Quality
- Tree Planting
- Wildlife Habitat Restoration
- Woodlot Management
- Species at Risk
- Recreation
- Outdoor Education



www.scrca.on.ca



Comparison of "Local" Area Conservation Authorities

| Conservation Authority | 2014 Operating Budget (Non Capital Only) | 2014 Total Municipal Levy (Operating) | 2014 Levy As % Of Total Budget | Size Square KM |
|------------------------|--|---------------------------------------|--------------------------------|----------------|
| Upper Thames River | \$ 11,769,154.00 | \$ 4,223,029.00 | 35.88% | 3,432 |
| Lower Thames Valley | \$ 2,245,649.00 | \$ 786,079.00 | 35.00% | 3,275 |
| Ausable Bayfield | \$ 4,898,384.00 | \$ 1,198,128.00 | 24.46% | 2,500 |
| St.Clair Region | \$ 5,809,639.00 | \$ 827,200.00 | 14.24% | 4,100 |

Comparison of "Comparator" Conservation Authorities

| Conservation Authority | 2014 Operating Budget (Non Capital Only) | 2014 Total Municipal Levy (Operating) | 2014 Levy As % Of Total Budget | Size Square KM |
|------------------------|--|---------------------------------------|--------------------------------|----------------|
| Rideau Valley | \$ 8,183,000.00 | \$ 4,943,500.00 | 60.41% | 4,243 |
| Lake Simcoe Region | \$ 5,879,425.00 | \$ 3,283,646.00 | 55.85% | 3,303 |
| Saugeen Valley | \$ 2,977,000.00 | \$ 1,557,000.00 | 52.30% | 4,675 |
| Upper Thames River | \$ 11,769,154.00 | \$ 4,223,029.00 | 35.88% | 3,432 |
| Lower Thames Valley | \$ 2,245,649.00 | \$ 786,079.00 | 35.00% | 3,275 |
| Ganaraska Region | \$ 3,012,916.00 | \$ 865,296.00 | 28.72% | 935 |
| Ausable Bayfield | \$ 4,898,384.00 | \$ 1,198,128.00 | 24.46% | 2,500 |
| St.Clair Region | \$ 5,809,639.00 | \$ 827,200.00 | 14.24% | 4,100 |

Administration 2016 Budget \$840,374

What we do:

- Manage the finances of the organization, financial statement audits, financial management reports and analysis, budgets, accounts receivable, accounts payable, banking and investments.
- Payroll and Human Resources.
- Manage Conservation Authorities policies.
- Employee Orientation.
- Vehicle Fleet maintenance and compliance.
- Greet and direct visitors and quests by phone and in person.
- Manage Board Meetings and Board Packages for both the Authority and the Foundation.
- Support Organizational Computer Equipment, Software and Training

Initiatives to reduce impact on levy:

- Reviewed cellular phone services, land lines, internet and secured vendor of record pricing using 3rd party expertise to negotiate.
- Transitioning Board Packages to online, to reduce cost of paper, staff time and equipment costs. To improve communication with the Board.
- Implementation of new investment policy.
- Support other departments in finding efficiency.

Planning and Regulations 2016 Budget \$448,292

| Revenues | Expenditures |
|--|--|
| Provincial Grant | Staff 4.8 (Director of Planning, Environmental Planner, Regulations Officer, Planning Ecologist, IT/GIS Coordinator, GIS Specialist) |
| General Levy – Matching | Vehicle costs |
| General Levy – Non-Matching | Legal Fees |
| | General Offices Supplies |
| Fees – Regulation, Mapping, Natural Heritage | |
| Special Levy | Staff 1 (3D Technician) |
| Foundation Grant | 3D Software and Computer Costs |

Planning and Regulations 2016 Budget \$448,292

What we do:

- Administer the mandated Section 28 Regulation on hazard lands
- Property Inquiries, including mandatory legal requirements
- Floodplain, Erosion and Shoreline studies
- GIS (Geographic Information Services) mapping
- Municipal Plan Input
- Review of Environmental Studies
- Environmental Assessment reviews

Initiatives to reduce impact on levy:

- Review of time spent on natural heritage, planning and regulations to further analyze planning fees, to ensure fees are covering costs and moving toward a user pay system.
- Review of grants and partnerships to recover or share costs, for studies.
- Enter MOAs with Counties and Municipalities
- Enhance GIS mapping and website to streamline, reduce phone inquiries and reducing reliance on site inspections.
- Continuously seeking revenue streams, i.e. Ticketing
- Implementing hazard fragmentation policy to reduce land in regulated area, i.e. severances on shoreline.

Flood and Erosion 2016 Budget \$566,732

| Revenues | Expenditures |
|-----------------------------|--|
| Provincial Grant | Staff 3 (Director of Water Resources, Water Resource Specialist, McKeough Maintenance Foreman) |
| General Levy – Matching | Vehicle costs |
| General Levy – Non-Matching | Insurance |
| Special Levy | General Offices Supplies |
| | Maintenance/Operations Expense |
| | Utilities |

Flood and Erosion 2016 Budget \$566,732

What we do:

- Maintain McKeough Dam, Arda Dykes, Flood control.
- Review operating criteria for the Dam, monitoring and repairing dykes.
- Flood warning, issue bulletins, advisors and warnings.
- Oversee/Project Manage Erosion control projects with municipalities.
- Monitor Water Levels through data management systems and computer modelling based on elevation models.
- Maintain network of stream gauges and meteorological stations. Improving meteorological data acquisition, upgrade monitoring equipment.
- Drinking Water Source Protection, offering Risk management services to municipalities through MOAs.

Initiatives to reduce impact on levy:

- Long term cost effective repair products to ensure longevity of the dam and flood protection structures.
- Enter MOAs with Counties and Municipalities, which provides a overhead cost offset.
- Continue to apply for grants to offset the capital project costs to municipalities for shoreline restoration work and Dam maintenance.

Communication and Education 2016 Budget \$211,265

| Revenues | Expenditures |
|------------------------------|--|
| Foundation | Staff 2.6 (Director of Communications, Conservation Education Coordinator, Education Technician) |
| General Levy – Non- Matching | Vehicle costs |
| Fees | Insurance |
| Grants | General Offices/Education Supplies |
| | Printing |
| | Utilities – Education Centre |

Communication and Education 2016 Budget \$211,265

What we do:

- Conservation Education
- Publications (Annual Report, Conservation Update, Directors Directory etc)
- Media Relations
- Special Events (Annual tours, AGM, Board Orientation)
- Fundraising (Foundation Support)
- Source Water Protection support
- Conservation Awards & Scholarships
- Website maintenance for above

Initiatives to reduce impact on levy:

- Communication is the only component funded by levy, the Foundation, grants and fees provide the funding for the Educational component.
- Review costs of printing and ensure best pricing or investigate digital publication.

Departments Self Funded through grants, revenue generation and special benefiting levy:

- Conservation Services
- Biology
- Camping (CA's Henderson, Campbell, Warwick)
- CA's (eg. Petrolia, Coldstream, Crothers, Peers, Stranack, Strathroy, McEwen, Highland Glen, Dodge)

Reforestation Program

- 3.5 Million trees planted since 1980
- Spring planting – very small window
- Approximately 65,000 trees annually on average
- Mostly private land tree planting & smaller sites
- County Lands & Industry – larger scale projects



Large Stock Program

- Municipalities, Counties, Industry and Landowners
- Spring and fall planting opportunities
- Approximately 1,000 trees planted annually on average
- Used for roadsides and buffers and site rehab work



Vegetation Control

- Control of competing vegetation in tree plantations and windbreaks
- Control of woody vegetation in municipal drains
- Control of invasive species such as Phragmites



Tree Seed Collection

- Thousands of liters of tree seed collected every fall
- Required to sustain trees for afforestation
- Provides seed zone appropriate species for SCRC watershed



Special Projects

- Lambton County West Nile Virus control - Larvicide Application
 - Contract with the County of Lambton
 - 15,000 catch basins treated
 - 3 Applications at 21 day intervals



Special Projects

Lambton Shores Coastal Wetland Restoration

- Funding through numerous agencies
- Partnering with local Phragmites group from Lambton Shores
- Eradication of 150+ acres of invasion wetland species



Forestry

- Forest management plans for MFTIP
- Timber marking service
- Lambton County Woodlot By-law Officer
- Management of Authority and Foundation owned forests
- Lambton County Woodlot Owners Association
- Annual Tree Growers Bus Tour



Habitat Restoration

- Seek funding and partners to help restore habitat throughout the region
- Corporate involvement have included Dow, Suncor, Terra, Waste Management of Canada, Ontario Power Generation
- Other partners included municipalities and private landowners



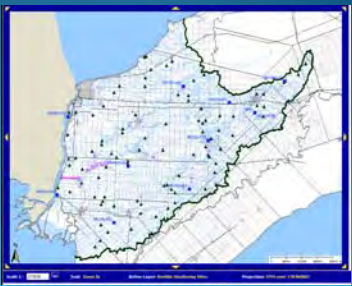
Healthy Watersheds

- Provide grants to landowners to implement BMPs
- Granting programs include
 - Species at Risk Stewardship Fund
 - Sydenham River Habitat Stewardship Program
 - Healthy Sydenham Headwaters Initiative
 - HSP Creating Healthy Watersheds through stewardship
 - Clean Water Program
 - Lambton –Kent –Essex OPG funding
 - Healthy Lake Huron, Lambton Shores
 - Trees Ontario 50 Million Tree Program



Monitoring

- Surface Water Quality Monitoring Program
 - monthly samples at 16 locations
- Benthic Sampling
 - 14 sites
- Provincial Ground water Monitoring Network
 - 9 wells



Species at Risk

Sydenham River Watershed

Canada Ontario ICBC

St. Clair Conservation Authority

TD Friends of the Environment Foundation

Watershed Report Cards

St. Clair Region Conservation Authority
Watershed Report Card
2008

St. Clair Region Conservation Authority
Watershed Report Card
2013

St. Clair Conservation
"working together for a better environment"

Conservation Lands

Conservation Lands

- 15 Conservation Areas
- 8 Habitat Management Areas
- 2,696 hectares owned or managed
- 55% of all public recreation lands in the region

The SCRCA owns 55% of all public recreation lands in the region.

Conservation Areas

Campgrounds

Camping helps to bring revenues to the local municipalities

Conservation Education

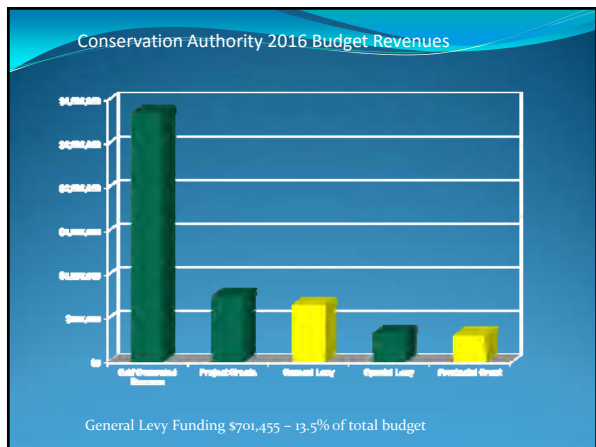
- Outdoor programs
- In-class programs
- 28 different programs including high school
- All programs curriculum based
- 11,700 students in 2014
- In-class programs supported by corporate sponsors (\$50,000 per year)

Special Events

- Maple Syrup Festival
- Sydenham River Canoe Race
- Strathroy Paddle Day
- Shoreline Clean UP
- Geocaching
- Children's Water Festivals
- Memorial Forest Dedications







Supporting Conservation

Each year the Conservation Authority actively seeks additional grants to bring funds into the region to support conservation. We thank the many organizations that provided grants totalling more than \$1.7 million to support conservation programs.

| | | | |
|---|-----------|---|-----------|
| Species at Risk (MNR) | \$43,000 | Wildlife Habitat Canada | \$22,000 |
| Reptiles at Risk Habitat Stewardship Program | | Ontario Trillium Foundation | \$87,000 |
| Habitat Stewardship Program for Species at Risk (EC) | \$81,000 | Middlesex Stewardship Council Lake Huron Watersheds | |
| Water and Erosion Control Infrastructure (MNR) | \$524,000 | Healthy Lake Huron (MOE/OMAFRA/EC) | \$98,000 |
| St. Clair River AOC (MOE/EC) | \$130,000 | Ontario Community Environment Fund (MOE) | \$20,000 |
| Habitat Programs (MNR/COA) Phragmites Control Buffers | \$22,000 | Trees Ontario | \$79,000 |
| Drinking Water Source Protection (MOE) | \$100,000 | Tree Canada | \$49,000 |
| Great Lakes Sustainability Fund (EC) Fish Habitat Enhancement (\$0,000) Bowen's Creek (29,500) Catcart Erosion Control (103,000) GIS (25,000) | \$218,000 | Ducks Unlimited Canada | \$13,000 |
| Canada-Ontario Agreement (MOE/MNR) Catcart Park, LAWSS | \$90,000 | Ontario Land Trust Assistance Program Bowen's Creek McKeough Upstream Lends Peers Wetland | \$14,000 |
| Ontario Great Lakes Guardian Fund Catcart Park | \$23,000 | Employment Programs Service Canada | \$146,000 |
| | | Employment Ontario | |
| | | Ministry of Training Colleges and Universities | |
| | | Industry | \$75,000 |
| | | Samia-Lambton Environmental Association Enbridge | |
| | | TD Friends of the Environment Foundation | |
| | | OPIC Union Gas | |
| | | Friends of the St. Clair River | \$3,000 |
| | | EC - Environment Canada | |
| | | MNR - Ministry of Natural Resources and Forestry | |
| | | MOE - Ministry of the Environment and Climate Change | |
| | | OMAF - Ministry of Agriculture, Food and Rural Affairs | |

2016 Facts and figures:

| | | % of total Budget |
|---|-------------|-------------------|
| Total Budget Approved | \$5,189,355 | |
| Salaries and Benefits (Approx.) | 3,260,000 | 63% |
| Maintenance | 264,200 | |
| Utilities | 213,900 | |
| Projects (wetland, tree plant, etc) | 410,500 | |
| Operating Equipment Purchase | 113,400 | |
| Insurance | 115,800 | |
| Capital (self generated revenue) | 105,000 | |
| Other (CO Levy, Board, Bank Fees, legal, audit, Health & Safety etc.) | 706,555 | |
| Municipal Revenues: | | |
| Total General Levy | 701,455 | 13.5% |
| Special Benefiting Levy | 205,030 | 4% |

2016 Facts and figures - Continued:

Municipal Revenues:
Total General Levy 2015 & 2016 \$701,455

\$7,000 increase in expense or decrease in revenue results in a total general levy increase of 1%

Increase in St. Clair's budget of \$7,000 is a 0.14% total budget increase

- 2017 Budget Constraints/ Emerging Issues:
- Employee Job Evaluation Movement on Grid
 - Utilities
 - Insurance Costs
 - 205 Mill Pond – Maintenance Costs – 1 of 3 Furnace replacement has been put off 2 years
 - Unknown Fee increases (Revenue)
 - Investment Revenue stability
 - Technology Changes
 - Climate Change Impacts
 - Conservation Authority Act Review
 - Source Water Protection
 - Availability of Grants through Federal and Provincial Governments

Budget Process/Timelines

| | |
|-----------|---|
| mid July | - After completion of June 2016 Financial Statements Directors and Managers are provided a template that provides first 6 months actual of the year actual. This is used to populate and document forecast to year end and 2017 expected costs. |
| August | - Budget submissions are reviewed and discussed with senior management |
| September | - Draft percentage increase in levy is presented to Board to get approval to release draft levy numbers to municipalities upon receipt of the CVA's to be used for levy allocation. |
| October | - Budget numbers are reviewed in detail by senior management. Draft budget document with levy changes are sent to each municipality for comment. |
| November | - Draft budget is provided to the Board and open for further discussion, with any feedback provided from municipalities received to date. |
| December | - Budget Approval is requested from the Board. |
| January | - Final Approved Budget and Levy Letters are sent to the municipalities. |

SCRCA Joint Health & Safety Committee Meeting Minutes

Tuesday, March 8, 2016, 8:30 am

Lower Board Room
205 Mill Pond Crest.
Strathroy, ON

| | | | |
|---------------------------|---|-------------------------|--------------|
| Meeting called by: | JHSC Committee | Type of meeting: | Quarterly |
| Facilitator: | Kevan Baker | Minutes: | Erin Carroll |
| Attendees: | Kevan Baker, Steve Clark, Jeff Sharp, Don Skinner, Sarah Hodgkiss, Erin Carroll (recorder), Steve Clark (guest presenter) | | |

Minutes of Agenda Items

1. Motion to approve December 2, 2015 meeting minutes
Motion: that "The Minutes of the December 2, 2015 JHSC meeting be approved as printed." **Moved/Seconded/Carried – Sarah/Jeff/Carried**

2. Business arising from the minutes

2.1. Review of Action Items

Steve Clark reported on:

- **Updated procedure for dam safety** (*September 23, 2015 – item 4.1 & Dec. 2, 2015 – item 2.1 – Steve C.*)

Discussion:

- draft presented by Steve
- reviewed fall arrest, water safety as per the OHSA&R, A27 and A13 of SCRCA policy; outlined proposed policy revisions. Different policies for hatch and railings. Suggestions:
 - rescue plan required including how to retrieve fallen person (e.g., Pool hook? Boat?). Fall arrest may create additional risks and hazards. Is fall restrict more appropriate for stop log work? Group determined not to use fall arrest at Petrolia (use fall restrict instead). SCRCA policy currently consistent with act. Lifejacket and hard hat required at minimum.

Action Item(s):

- **Steve** to incorporate changes as discussed and bring policy back to group
- **Don** will look into required length for fall restrict at Petrolia
- **Don** will write-up a proposed rescue plan

Kevan Baker reported on:

- **staff training video on ice monitoring** (*June 15, 2015 - item 2.1 – Kevan; Sept. 23, 2015 - item 2.1 – Brian and Dec. 2, 2015 – item 2.1 - Kevan*)

Discussion:

- training video shown to staff at full staff meeting December 16, 2015

- **new WHMIS training program for all staff** (*Sept. 23, 2015 and Dec. 2, 2015 - item 2.1 - Kevan*)

Discussion:

- majority of staff trained at full staff meeting February 24, 2016.
- lands staff will develop proper work place labels that meet new WHMIS2015 guidelines
- proper storage of hazardous material addressed.

Action Item(s):

- **Kevan** to arrange for staff who were unable to attend this training session will be

- required to obtain training with conservation area staff
 - **Heather** to provide list of staff who need training
- **Sharepoint forms training** – (Sept. 23, 2015 & Dec. 2, 2015 - item 2.1 – Kevan)
 - Discussion:**
 - completed for conservation area staff; all staff have now been provided a link to obtain proper forms and information off authority website
- **development of updated inspection forms specific to each location** (Sept. 23, 2015 – item 3.2 - JHSC & Dec. 2, 2015 – Item 2.1 – Kevan)
 - Discussion:**
 - completed, updated forms, irrelevant material removed (i.e. stairwells removed).
 - Action Item(s):**
 - **Staff** are reminded to flag any additional hazards in their workspace
- **Supervisors' review of Risk Assessments by Department** (Sept. 23, 2015 - item 4.1 & Dec. 2, 2015 – item 2.1 – Steve C.)
 - Action Item(s):**
 - **Supervisors** to discuss with staff and have the appropriate person review all Risk Assessments for their department and update them if required.
- **Supervisors' to review policies and procedures that impact staff specific jobs** (Sept. 23, 2015 - item 4.1 & Dec. 2, 2015 – item 2.1 – Steve C.)
 - Action Item(s):**
 - **Managers** to review completeness of RAs, carry forward to Standard Operating Procedures
- **review of backing up procedures/hazards with staff at February full staff meeting** (Dec. 2, 2015 – item 4.1)
 - Discussion:**
 - Kevan identified and purchased a drive safely video.
 - Action Item(s):**
 - **Kevan** to arrange for staff to watch video at next staff meeting and review backing up safely with staff.
- **hazard inspections & action plans in parking lots** (Dec. 2, 2015 – Item 4.1)
 - Discussion:**
 - see Item 4.3 below

Jeff Sharp reported on:

- **review, at full staff meeting, of Vehicle Policy to reflect more specific info. on minor and major defects** (June 15, 2015 - item 4.5 – Steve C., Sept. 23, 2015 & Dec. 2, 2015 – item 2.1 – Steve C.)
 - Discussion:**
 - completed at full staff meeting February 24, 2016.
- **updated Accident Packages** (Dec. 2, 2015 – item 2.1 – Steve)
 - Discussion:**
 - one form may be more user friendly. Add accident scene diagram.
 - Action Item(s):**
 - **Jeff** will review forms and suggest revisions (e.g., accident, RAs, injury, damage report).
- **discussions at full staff meeting re: wearing proper PPE and workplace injury information from MOL website** – item 5.1 (2015 JHSC Goals & Objectives – item 5.1 and Sept. 23, 2015 & Dec. 2, 2015 - item 2.1 - Jeff)
 - Discussion:**
 - not enough time to do training at February staff meeting.
 - ladder training may be required – fall arrest required if feet are over 3m.

- training for all staff may be good
- Port-a-potty spotter may be required when outhouses are being moved

Action Item(s):

- **Jeff** will bring up at next staff meeting.
- **recording of near misses following email sent to all staff in December, 2015** (Sept. 23, 2015 - item 4.3 & Dec. 2, 2015 item 2.1 Jeff)

Discussion:

- Jeff requested feedback at staff meeting - no input received from staff.

Action Item(s):

- **Jeff** will bring up at end of summer field season again.
- **Workplace Inspection Schedule update on Health & Safety bulletin boards** (Dec. 2, 2015 – Item 4.3)

Discussion:

- Updated - completed

Don Skinner reported on:

- **Level 2 Certification Training** (Sept. 23, 2015 & Dec. 2, 2015 – item 2.1 - Don)

Discussion:

- Completed. Feb 10 & 11, 2016 at OSG.

Sarah H reported on:

- **Level 1 & 2 Certification Training** (Dec. 2, 2015 – item 4.2 - Sarah)

Discussion:

- both levels complete. Certificate for level 1 received. Municipal training for level 2
- should take fire extinguishers off the wall, flip them upside down, give a shake
- “The Green Book” on each H & S board may need updating annually to reflect any changes in legislation that have been made during the past year.

Action Item(s):

- **Sarah** to pass along information on fire extinguisher safety
- **Sarah** to go on the website and check if the books have to be updated annually

3. Area Reports/Workplace Inspections

3.1. LCH, WWK, AWC, McLean – (Kevan & Don)

Discussion:

- no problems - area reports reviewed with superintendents.
- McLean inspection scheduled

3.2. LCH Education Centre – (Kevan & Don)

Discussion:

- planned.

Action Item(s):

- **Kevan** to remind Rick of upcoming inspection.

3.3. General CAs – Strathroy, CW, McKeough (Jeff)

Discussion:

- Jeff reviewed inspections. Generally good. Garbage left in vehicles.

4. New Business

4.1. Review of Incident/Injury Investigation Reports since September 23, 2015 meeting

Discussion:

- Staff reminded to refrain from driving vehicles on trails
- inspect and salt icy areas
- Good posture, ergonomics, based on injury reports.

4.2. MOL website review

Discussion:

- Reviewed recent fines.

Action Item(s):

- **Jeff** to look at external ladder training safety

4.3. Drive safe package

Discussion:

- has been purchased

Action Item(s):

- **Kevan** to develop a fact sheet for staff to sign off on which will be added to the Vehicle Training Package

4.4. Lyme Disease Information

Discussion:

- information provided to supervisors

Action Item(s):

- **Kevan** to develop a sign-off sheet for Lyme disease to go along with the information fact sheets.

4.5. Policy Appendix

Discussion:

- Change Log to be moved to A1 of Health & Safety Policy Manual

Action Item(s):

- **Heather** to make change when next change is made

5. Goals and Objectives in 2016

- 5.1. To regularly review MOL website to educate ourselves and learn from documented investigations and fines (ongoing)
- 5.2. To review Safety Manual and make changes as necessary (ongoing)
- 5.3. To appoint a worker rep. in September, 2016 for a 3 year term (to replace Jeff Sharp)
- 5.4. Conduct workplace inspections as required (at least one location each month)
- 5.5. To encourage supervisors to complete safety reviews and 5 point check lists on a more frequent basis (ongoing)
- 5.6. To update the JHSC files on the O drive (ongoing)
- 5.7. To recommend that Supervisors schedule retraining refreshers with their staff, once a month (ongoing)
- 5.8. To incorporate the drivers' safety training program into our orientation of all staff (in process)
- 5.9. To send occasional Health & Safety Bulletins to all staff (Hot & Cold Weather Alerts, Vector Borne Diseases etc.)
- 5.10. Establish a new Workplace Inspection Report specific for each location (see also item 2.1 (Kevan))

6. Proposed future 2016 meeting dates:

Changed to June 15th, September 16th, November 28th

7. Adjournment – 10:25am

Motion: that "The meeting be adjourned." **Moved/Second/Carried – Jeff /Don**

Misc. Information

| | | | |
|--------------------|----------------------------|--|--|
| Contacts: | Worker Co-chair/Inspector: | Jeff Sharp | jsharp@scrca.on.ca |
| | Management Co-chair: | Kevan Baker | kbaker@scrca.on.ca |
| | Worker Reps.: | Sarah Hodgkiss | shodgkiss@scrca.on.ca |
| | | Jeff Sharp | jsharp@scrca.on.ca |
| | Committee Secretary: | Don Skinner | dskinner@scrca.on.ca |
| Meeting Secretary: | Heather Long | hlong@scrca.on.ca | |
| | | Erin Carroll | ecarroll@scrca.on.ca |

Kevan Baker
Signature of Co-chair

June 9/2016
Date

[Signature]
Signature of Co-chair

June 9/2016
Date

Staff Report

12.(vii)



To: Board of Directors
Date: June 14, 2016
From: Tracy Prince, Director of Finance
Subject: Administration Building Window Replacement

In April 2014, as part of the accessibility renovation it was identified that the windows and doors in the original building built in 1973, need replacement to improve air flow, reduce light glare on computer screens, improve security and reduce utility costs.

We are in the process of requesting quotes on replacement of approximately 19 windows and 2 wooden exterior doors. Through our process we have posted a RFQ on our website and sent out the RFQ to contractor bid sites. We expect these quotes to be received by July 28, 2016 with a plan to stagger the installation over slower construction periods to improve the pricing. The cost estimate for the work is in excess of \$30,000 as per a verbal quotation received in 2014. As the quotation process will occur over the summer months we seek approval from the Board to permit the Chair and General Manager to accept the lowest bid, with acceptable warranties that meets our requirements, subject to budget for Administration.

Staff Report

13.(i)



To: Board of Directors
Date: June 10, 2016
From: Rick Battson
Subject: Memorial Forest Report

Memorial Forest Program

The Denning Memorial Forest Dedication service was held at Centennial Park in Strathroy on May 29. Approximately 200 people attended the dedication. Two more dedications are scheduled for September 18 (McKenzie and Blundy Memorial Forest, Wawanosh Wetlands Conservation Area) and September 25 (St. Clair Region Conservation Foundation Dedication, L.C. Henderson Conservation Area).



The St. Clair Region Conservation Foundation launched the memorial forest program in 1987 with the purpose of raising funds to reforest lands within our region. To date, 13,405 trees have been dedicated covering 45 different sites. Through the program, the Foundation arranges for the dedication of trees which have been planted from donations received directly from members of the community. In addition to these trees, the Foundation receives donations from the McKenzie and Blundy Funeral Home, Sarnia; Eric F. Nicholls Funeral Home, Wallaceburg; and the Denning Brothers Funeral Home, Strathroy and have established separate memorial forests to recognize this contribution to the environment.

The McKenzie and Blundy Funeral Home have informed us that they plan to end their program as of September of this year (they will be holding their last dedication on September 18). This was due to the fact that both the Wawanosh and Perch Creek Memorial Forests are now full. Efforts were made to provide for an alternative program, however, these were not successful.

At recent Foundation meetings, a change to the memorial forest was approved. In terms of the funeral home programs, instead of promoting the program as “a tree will be dedicated in memory of your loved one” it will be re-branded as “a donation was received that will be used to further tree planting and conservation education in the region.” The donation level has been set at \$25 per donation and a letter will be sent to the family (we currently send a certificate).

Specifically, funds may be donated to support: municipal tree planting along roadsides and in parks (this is the same as we do now for the denning program); to support school yard greening (we could supplement funds for this program provided by TD FEF); plant trees on Authority owned agricultural lands as buffers and windbreaks; plant trees on lands donated to the Foundation; and to support conservation education. The Foundation Board would decide on the allotment of available funds.

The Denning Funeral Home dedicated 172 trees in 2015. The Denning Funeral Home business has expanded significantly in the last few years purchasing funeral homes throughout Lambton County and Chatham-Kent. The Denning's have approached us with a desire to greatly expand their Memorial Forest Program to about 450 trees per year. They are very enthusiastic with the new program and are planning on holding two dedications: one in Strathroy and one at the McLean Property.

The Foundation decided to continue with our program and dedication service at the L.C. Henderson CA including the concept of a tree being dedicated in memory of the individual. We have reviewed the locations where trees can be planted since some of these have no more additional space for trees. Due to the cost of large stock trees, the price for these have been raised to \$50 per tree.

Staff Report

13.(ii)



To: Board of Directors
Date: June 9, 2016
From: Sharon Nethercott, Melissa Gill
Subject: Conservation Education Progress Report

Canoe Race

The weather couldn't have been nicer for a mid-April paddle down the Sydenham River in support of Conservation Education. 78 boats entered the Sydenham River Canoe Race on Sunday April 17th, raising a total of \$2,385.00 through registration fees, pledges, and T-shirt sales. Thanks to all of the many, many people who helped out at this year's race!



Spring Education Programs

Conservation Education continues to be a popular field trip focus for area schools. Programs are booked daily from early April through to June 28th. Teachers appreciate the hands on opportunities to connect classroom learning to the natural world.



Specialist High Skills Major (SHSM)

Grade 11 & 12 students visiting L.C. Henderson Conservation Area in April came away with new skills as they progressed through certification tasks in GPS, GIS and Tree Planting Programs. Due to the success of this year's programming, the Lambton Kent District School Board is excited to continue working with Conservation Education Staff in the development of future programming opportunities.

Special Events

Kid's Fun Fest Sarnia, June 11, 2016: Upon request, SCRCA will again participate in this day-long annual event. At our booth children will be invited to explore water colour painting on a variety of natural canvases. Using bark, leaves and cones as their canvas, children will explore their inner artist to create a take-home masterpiece! Parents will have a chance to peruse our information table where literature on camping and other CA projects will be displayed.

Community Partnership

LWI Young Naturalist Groups: Staff continue to run outdoor meetings for both the Young Naturalist Group (ages 7-11) and the Jr. Conservationist Group (ages 12+). Our Young Naturalist group just finished our season with an overnight camping trip to Henderson CA. Activities included 'hookless' fishing, frog catching, owl prowling, fort building and paddling! The 2016-2017 season will begin in September.

Sarnia-Lambton Arbour Week Committee: Representatives from local groups organize and participate in an annual Tree Planting project. This year's tree planting project, located at the Aamjiwnaang Recreation Centre, was funded by Union Gas/Spectrum Energy. The Annual Arbour Week School contest continues to be very popular. 22 classes entered this year's poetry contest. Each student in the 3 winning classrooms received a Sugar Maple Seedling to take home and plant.

Staff Report

13.(iii)



To: Board of Directors
Date: June 10, 2016
From: Rick Battson
Subject: Scholarship Report

The St. Clair Region Conservation Authority offers scholarships for graduating high school students living in or attending a high school within the region under jurisdiction of the St. Clair Region Conservation Authority. Students must be pursuing an education in a conservation/environmental related course of study (eg. forestry, biology, geography, agriculture, ecology etc.) in a recognized Canadian University or College.

The Conservation Scholarship program rewards these students based on their academic achievement and their demonstrated interest and involvement with the environment. The Scholarship is funded through trust funds with the St. Clair Region Conservation Foundation and was created through donations from individuals and organizations.

This year, we received 5 applications. The applications were reviewed by a committee established by the St. Clair Region Conservation Foundation which included Steve Arnold, Archie Kerr, Rick Battson and Brian McDougall. The following scholarships were approved by the committee. The scholarships will be presented in June or early July.

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

Mary Jo Arnold Conservation Scholarship

Tony Stranak Conservation Scholarship: one \$1,000 award

Photos feature the beauty of the Sydenham River

David Gough
Courier Press

ON Nature magazine, which is published by Ontario Nature, focused on the beauty and uniqueness of the Sydenham River in their latest edition.

Two local photographers—Dawne Mudford and Herman Giethoorn – had pictures of the Sydenham River featured prominently in the magazine. Mudford had the cover and Giethoorn had one of his pictures used for the two-page centre spread.

The river, which twists and turns through 165 kilometres of southwestern Ontario, is featured as the cover story for the April edition of the magazine.

Ontario Nature is one of the province's leading environmental organizations. ON Nature magazine – the voice of Ontario Nature – is a quarterly magazine for Ontario Nature members and supporters.

Giethoorn has been involved in photography for close to 50 years, specializing in nature photography. He has done a lot of photography over the years at the Sydenham River.

Giethoorn's picture in the magazine was taken on the east branch of the Sydenham, from a bridge on Oil Springs Line in early October.

The picture used is one of Giethoorn's favourites.

"I like the scene, it's very quiet. The soft colours are very



David Gough/Courier Press/DGough@postmedia.com

Local photographers Dawne Mudford and Herman Giethoorn had their photos of the Sydenham River featured in ON Nature magazine. The magazine's cover story this month was about the Sydenham.

beautiful," Giethoorn said. Mudford lives on the Sydenham and has a passion for the river. She has done presentations and talks about

the unique river in the past. Mudford said she was thrilled that her picture, of a rainbow framing the Sydenham, was picked for

the cover. The picture was taken right in front of her house.

"I never expected that they would choose a photo that I

sent in. I just sent it in on a whim when somebody asked me to," Mudford said.

"I'm excited to let people see how beautiful our river is."

Annual run for Mental Health Week scheduled for May 7

Louis Pin
Courier Press

This year's Mental Health Week is around the corner, and the Mental Health Network of Chatham-Kent hopes it will be as successful

as last year.

The week, now in its fourth year, takes place during the first week of May. It kicks off with the Flag Raising on May 2, and finishes with the Annual Run for Mental Health May 7.

"We picked the run because anyone can ... participate," said Jenny Jackson, race director and program supervisor with the MHNCK. "It also encourages healthy living, and it gets people outside."

Roughly 650 people attended the event last year, at Kingston Park in Chatham. Of them, 361 also participated in the race.

According to the MHNCK, they think they can post those numbers again this year.

Many participants raise funds for the event, to donate to the MHNCK. Over the last four years, the week has become the organization's primary fundraiser.

"It's not a requirement to participate, but some people do raise funds," Jackson said. "Those funds go toward running the programs, like the meal program ... and to the different needs our members have."

The run includes door prizes for participants.

This year will also feature a race for kids 12 and under, called "The Extra Mile to End Stigma." Children who participate in the short track will

be awarded a medal on completion.

"We always think about our physical health, and not as much on our mental health ... when really, it's just as important," said Jackson.

Anyone can register for the race online, and must do so by May 6.

For more information visit the MHNCK on Facebook or online at mhnck.com, or call them at (519) 351-3100.

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Scholarships available for local students

OBSERVER STAFF

Several organizations are offering students in Sarnia-Lambton a little help with the high cost of college and university.

The Sarnia Community Foundation (SCF) said in a press release its scholarships have more than \$20,000 available this year for Lambton County students, with individual awards ranging from \$500 to \$3,500.

"SCF manages six different scholarships on behalf of fundholders," said foundation board chairperson Pat Maaten.

"We recognize that the costs of education can be a substantial burden for many families and that education is a key to a better quality of life."

Last year, 11 students received scholarships managed by the foundation.

"Many of the available scholarships have multiple awards," said foundation executive director Jane Anema.

"One scholarship gave five awards last year and they are hoping to increase the number of awards this year."

Information on the foundation's

scholarships is available online at www.sarniacommunityfoundation.ca.

The St. Clair Conservation Authority is offering \$3,000 in scholarships.

Details are available on its website, www.scrca.on.ca, and the application deadline is May 31.

Its scholarships are available to graduating high school students going on to study in conservation fields.

Up to two \$1,000 and two \$500 awards are available.

"These scholarships are our way to assist in the education of tomorrow's conservationists and to encourage young people to take on an active role in the important environmental issues that face our society," authority general manager Brian McDougall said in a press release.

Students apply for the authority's scholarships must live or attend high school within the agency's boundaries.

Several scholarships, ranging in value from \$500 to \$1,000, are also available through the Lambton Federation of Agriculture. Information can be found at its website, lambtonfederation.ca.

Mother Nature's Effect on West Ipperwash Beach

By Colin Mitchell

The West Ipperwash Property Owners Association (WIPOA) in partnership with Kettle Point First Nation, have a big challenge on their hands all thanks to Mother Nature. High water levels in Lake Huron, accompanied by storms and high winds, have stirred up tonnes of debris that now line the once beautiful beach.

The SGA caught up with Dave Bowen, one of the four persons on WIPOA's Executive Committee, to take stock of the challenges that Mother Nature has placed on the beach. "All of the debris was washed up

during that big storm that occurred a few days ago. Some of it has been washed out to the lake again, but we are going to need some fairly big trucks to cart the rest away, let alone equipment to pile and load it." Dave had invited Joel Moloy out the same morning, to get his professional opinion on how to best get rid of the mess in time to have beaches open for the May long weekend.

Lake Huron is also experiencing a 100-year record high in terms of water level. Dave explained, "Due to high water at the West Beach, visitors won't be able to have drive onto the beach

this year." Driving and parking on the beach is allowable, according to WIPOA, if there is a 50' clearance from the water's edge to the dunes, an impossible measure to make this year.

What is the top concern for Dave is the cost factor that will be incurred upon the private citizens who make up WIPOA. Dave cited a \$30,000 operating cost per year during normal circumstances. Costs this year will far exceed that number, given the cost of clean up and the loss of revenue due to the closure of West Ipperwash Beach for driving/parking on.



Authorities under examination

St. Clair Region
Conservation Authority
among those whose role
is being re-examined

JOHN MINER
THE LONDON FREE PRESS

Two decades after being turned upside down by provincial budget cuts, Ontario's 36 conservation authorities are back under the gun with a sweeping provincial review of their operations under way.

Charged with protecting lives and

“*Obviously there are some people who question our role, question how strong our regulatory authority is or should be, whether we are overstepping our bounds.*”

Ian Wilcox

property from floods, restoring natural habitat and providing chances to enjoy nature, the agencies have also managed along the way to irritate some developers and landowners.

Complaints have been raised that the agencies take inconsistent approaches to development proposals, that they lack accountability, duplicate other government agencies and are poorly governed by municipal appointees.

More than anything else, it was likely concerns by developers about the regulatory role of the authorities that prompted the Ontario government to order the review, said

Ian Wilcox, general manager of the London-based Upper Thames River Conservation Authority.

“One of our roles is controlling development in hazard land, whether it is floodplain or high-erosion areas along shorelines, and sometimes when you are a regulatory agency you say no to people and people don't like to hear that,” he said.

“Obviously there are some people who question our role, question how strong our regulatory authority is or should be, whether we are overstepping our bounds.”

As part of the review, the Ontario Ministry of Natural Resources

has been collecting comments for months about the role of authorities from municipalities, industry groups and the public.

Along with the criticism, there've been submissions calling for more powers, more funding and a larger role for conservation authorities.

Until the 1990s, the province provided about half the funding for the authorities, with municipalities paying much of the rest. The province now provides just under three per cent of the base funding for the Upper Thames, with user fees and municipalities covering the rest.

See **CONSERVATION** | A2

SCRCA among those whose role examined

Conservation, from page A1

With headquarters in Strathroy, the St. Clair Region Conservation Authority operates over much of Sarnia-Lambton, and taking in part of Middlesex County as well as Chatham-Kent. The authority was organized in 1961, initially in response to flood concerns in Wallaceburg and Dresden.

A ministry spokesperson said people will be able to submit comments through Sept. 9 and there will be public input sessions in June.

"Periodically reviewing legislation, regulations and policies ensures that Ontario remains in step with ongoing change," said Jolanta Kowalski. "Our province is experiencing rapid population growth

and, with this, increasing demands on water resources."

Ontario passed the law enabling municipalities to set up the authorities in 1946.

The legislation today remains much the same, with some sections no longer making any sense, said Wilcox.

"The actual role we play now is very different and much more complex and certainly the context in Ontario is way different too, with a way bigger population and way more development pressures," he said.

But Wilcox argues one of the chief criticisms levelled against the groups -- a lack of consistency in delivering programs -- is really their strength.

Created by municipalities under

the original legislation and governed by municipally-appointed boards, the authorities respond to local priorities.

"The Upper Thames, for example, for our local municipalities flood-control was critical to begin with. We also have a whole range of big campgrounds associated with those lands around the reservoirs, tree planting has been huge (and) soil conservation because of our agricultural land base.

"Those were what were important to us, but (in) other parts of the province -- up towards Ottawa or the Bruce Peninsula -- authorities have a different mix of programs," Wilcox said.

If Ontario decides to make legis-

Conservation authorities

- Non-profits set up to conserve, restore and manage water, land and natural habitats
- Flood-control a key role
- 36 across Ontario, mainly in the south
- Created by municipalities under post-war Ontario legislation
- Overseen by municipally-appointed boards
- Once half-funded by the province, it now pays a fraction of the cost

lative, regulatory or policy changes, there will be further consultation, Kowalski said.

JMiner@postmedia.com

Enniskillen looks for answers on planned conservation area

Heather Wright
The Independent

Enniskillen councillors want to talk to the St. Clair Region Conservation Authority before giving up 40 acres of land in the municipality.

Earlier this spring, John Williams and Murray Kemp, the developers of Glenview Estates, approached Enniskillen to ask the township to allow Petrolia to annex six acres of land to develop housing. Another 40 acres of woodland area is expected to be turned over to the St. Clair Region Conservation Authority. The developers say the land, which is in the flood plain of the Durham Creek, isn't suitable for housing and would be used as a passive park.

Mayor Kevin Marriott says at a recent council meeting a neighbouring resident who has an oil field near the property voiced concerns about having "complaints from more neighbours in the area" about his business.

A road scheduled to be built near the oil property is also a concern. "If he was to lose some of his rights it would cause him undue hardship."

The municipality also wants to know exactly how active the park would be and if allowing people into the new conservation area would be "infringing on the natural habitat of the wetlands that is there."

Marriott says the wooded area is home to lots of deer and turkeys as well as some exotic species.

Marriott says council has reached out to the conservation authority to have some of its concerns answered. However, they've yet to receive a response. Enniskillen, he says will hold off on an answer until it gets them.

This isn't the first time Petrolia has annexed land in the area. About 100 acres of Enniskillen Township was annexed for the original development.

The developers said recently that this portion of land should have been included at the time.

Plympton-Wyoming council hires new CAO

The Independent Staff

Plympton-Wyoming has hired Midland's Chief Administrative Officer to take the helm of its administration.

The municipality has been without a CAO since Kyle Pratt left in January. He became the CAO of Bluewater, which is the community he worked for prior to coming to Plympton-Wyoming.

Carolyn Tripp is a registered professional

planner with over 20 years experience in municipal government. She's been the director of economic development in the Township of Georgian Bay and its Chief Administrative Officer before moving to Midland.

In a news release, Mayor Lonny Napper says he and council are "confident that her background, education and experience will contribute to the ongoing success of the community." Tripp starts work, June 6.

Increased truck traffic big factor if Twin Creeks gets approval to double the trash brought on site

Heather Wright
The Independent

Officials with Waste Management say the biggest change residents around the Twin Creeks landfill would notice, if it is successful in doubling the amount of waste coming to the site, will be increased noise and truck traffic.

The company has been operating the 102 hectare site since 2009 and brings in up to 750,000 tonnes of waste per year or 20 million cubic metres.

But officials say, with the Petrolia landfill now slated to close some time this summer – it's likely now in August – the company needs more space.

Waste Management Director of Operations Reid Cleland says, right now, the company brings about 500,000 tonnes of waste to the Watford landfill and 365,000 tonnes to Petrolia. "Between Petrolia and Twin Creeks we did over 780,000 tonnes of waste so there is obviously not enough capacity," he says. Cleland says some of the companies that have been using the Petrolia site will have to be diverted further afield than Twin Creeks. That means when the Petrolia site does close, just to meet current demand, it will need to increase the amount allowed in the site.

Waste Management is asking the Ministry of the Environment and Climate Change to allow up to 1.4 million tonnes – nearly double what it now accepts. "We want to maintain our current customers and grow the business," he says.

"We are a business. We want to continue to

serve our customers and grow the business at the same time," he says adding the amount of waste coming to the site would build over time.

"As a province, we shipped three million tonnes of waste into Michigan and New York State last year. So, there is a need for additional capacity."

Officials, at an open house at Twin Creeks Thursday, said the landfill can handle the added trash. It would simply mean filling the site at a faster rate.

The big impact would be the noise, dust and truck traffic in the area. Waste Management is conducting studies on those factors as it works to get the MOECC's approval for the project.

Statistics, presented to residents at the meeting, show there is a potential for up to eight more transports an hour entering the site if the full capacity is used. Right now there are 11 transports an hour making their way to Twin Creeks. That could mean instead of 88 trucks on the road to the site each day, there would be 152.

Officials say there is a standard to meet for each of the areas and if Waste Management doesn't meet them, it would have to provide a mitigation plan. This could include lowering the amount of waste coming to the site.

Cleland says it will likely take nine to 12 months to submit the reports for the request and then find out if the MOECC approves the increase or if it wants more information before making a decision.

After that the company will need a permit from the ministry.

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DON ROBINET/POSTMEDIA NETWORK

With the isolated appearance of the lake at the Lorne C. Henderson Conservation Area, it's hard to believe it's only a short drive to the urban centres of both Petrolia and Sarnia.

Henderson park popularity grows

Petrolia-area conservation area received big boost 25 years ago

DON ROBINET
POSTMEDIA NETWORK

The Lorne C. Henderson Conservation Area owes its existence in part to a natural disaster that hit Ontario in 1956, and its continuous development thanks to a posi-

preservation and human recreation is what really drives places like the Henderson Conservation Area.

That's the word from Kevan Baker, director of lands with the St. Clair Conservation Authority, which operates campgrounds at the Henderson site, along with camping at A.W. Campbell and Warwick.

But in setting aside these areas (the conservation authority has about 20 of them), one of the benefits has been the boon for wildlife and the possibility to use the properties as recreational areas includ-

Petrolia-area conservation area received big boost 25 years ago

Camping, from page A1

As preparations took place at Lorne C. Henderson last week in anticipation of the Victoria Day long weekend holiday, Baker said that all three campgrounds were full, with nearly 4,000 people expected.

In fact, on most weekends during the warm months, the campgrounds are nearly full.

What's driving the interest in part are all of the improvements that continue to be made. At Henderson, for example, a visitor centre was built four years ago to host activi-

ties such as bingo and crafts and the in ground pool is a beehive of activity after it opens in mid-June.

Baker said Henderson draws its seasonal campers from across southwestern Ontario, with a lot of people coming from Sarnia, London, St. Thomas and Windsor.

"In the last 15 years there has been a lot of money for upgrades to washrooms, hydro, pools, etc.," said Baker, who added that a special needs shower is being installed.

Unlike the conservation areas themselves, which are funded

by municipal governments, the camping that goes on there is self-sustaining and the popularity of the sites means that investments can be made in continuous improvements.

The St. Clair Region Conservation Foundation is the charitable fundraising arm of the authority, and the foundation has been the recipient of donations of both cash and land, which has led to many of the improvements at Henderson, including the visitor centre, playground equipment, the putt putt golf course and the basketball court.

As the campground has grown, a community has also grown up around it, with well-organized events in which the seasonal camp-



DON ROBINET/POSTMEDIA NETWORK
Kevan Baker is director of lands with the St. Clair Region Conservation Authority. He says the popularity is booming at the campground at Lorne C. Henderson and other conservation authority sites, as improvements are always taking place.

ers take part.

Just before the long weekend, Doug and Debbie Coleman of Wallaceburg were out enjoying their new site. Although they stayed at Henderson in the past, this is the first season that they have their own trailer and they're looking forward to spending time there, especially since Doug is recently retired from Wabtec in Wallaceburg. Debbie's daughter also has a trailer at the campground, and from their past experiences there, the Colemans know the camping community is a friendly one.

But it's also a place that respects the fact that people come out to enjoy the peace and quiet.

After all, it doesn't get much better than sitting outside after dark on a pleasant evening to enjoy nature and watch the stars overhead.

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Updated program a new chance to help species at risk

The 2016 version of the Species at Risk Incentive Program is now open for project proposals

The Species at Risk Farm Incentive Program is back for 2016.

The Ontario Soil and Crop Improvement Association (OSCIA), with support from Environment Canada and the Ontario Ministry of Natural Resources and Forestry, will support producers who are enhancing farm habitat for species at risk across the province.

It features streamlined funding levels and new bundled application forms - and up to \$20,000 available per farm business.

“SARFIP is great for producers who are looking to

make improvements on their farms while also supporting farm habitat for species at risk,” said Gord Green, president of OSCIA. “Through offering cost-share funding for these types of projects, both farmers and species at risk benefit from the same on-farm activities.”

Farm businesses in Ontario can access cost-share dollars for on-farm projects that implement a variety of Best Management Practices.

With a diversity of project opportunities, eligible BMPs encompass activities around croplands, grasslands, shore-

lines, streambanks, wetlands and woodlands.

Many opportunities are available to support critical habitat through SARFIP, including cross fencing for rotational grazing, watering systems for livestock, native tree planting, improved stream crossings, native grassland plantings, invasive species removal and erosion control structures, among others.

SARFIP 2016 is open to all agricultural landowners in the province. Projects that provide indirect benefits to species at risk are eligible for 50 per cent cost-share, and projects that directly benefit species at risk are eligible for 65 per cent.

An additional bonus of 10 per cent cost-share is avail-

able for direct benefit projects if the producer is interested in enrolling in SAR-Watch, a monitoring program that measures the impact of SARFIP projects on the ground for species at risk.

“Farmers have a unique opportunity to support species at risk alongside their farming practices,” expressed

To find out if SARFIP is a good fit with your farm, consult the program brochure for complete and detailed program information. All program materials, including the brochure and application forms can be found on the OSCIA website.

To be eligible, Ontario farm businesses must have a completed 3rd or 4th Edition Environmental Farm Plan

(EFP) workbook and Action Plan that has been verified and completed within the last five years.

Applications are now being accepted, and funding will be allocated to projects in the order in which they are received until fully allocated. Funding for this program is limited; if you have a project idea that fits, get your application submitted as soon as possible.

Projects initiated on or after April 1, 2016 may be eligible.

For more information, visit the SARFIP page on the OSCIA website at www.ontariosoilcrop.org/oscia-programs/sarfip/ or contact OSCIA directly at 519-826-3035 or SARFIP@ontario-soilcrop.org.



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Centre Ipperwash Community Association holding open house June 4



By Barbara Simpson, Sarnia Observer
Tuesday, May 17, 2016 8:44:13 EDT PM



A resident walks along Ipperwash Beach (Postmedia Network file photo)

It takes a village to preserve Ipperwash Beach.

From community advocates tackling phragmites through to out-of-town researchers studying water quality, Ipperwash – one of the longest freshwater beaches in the province – boasts a mix of advocates looking out for its best interests.

“We’re not a normal subdivision, that’s for sure, where people cut their grass and drive on the asphalt,” said Brent Shea, chair of the Centre Ipperwash Community Association (CIBA).

“It’s a unique part of the world and a lot of people see it that way.”

The association will be celebrating local advocates at a community open house June 4. The information fair-style event will run from 1

p.m. to 4 p.m. at the Port Franks Community Centre.

Participating groups will include the Ipperwash Optimist Club, Lambton Shores Nature Trails, PointSAR Marine Rescue and the Lambton Shores Phragmites Community Group.

"We're always surprised by the number of volunteers there are in the community," Shea said. "I think a lot of our neighbours would be surprised by how many of our neighbours participate and help out with different activities."

Centre Ipperwash is comprised of 400 properties – about 150 of those CIBA members – located north of Lakeshore Road between Army Camp and West Ipperwash roads.

Over the past few years, Ipperwash residents have banded together over a variety of issues like the removal of vehicle barricades from the centre beach and waterfront property rights.

"That's something that we really struggle with it because everyone wants to enjoy the beach, but the reality of it is a lot of Centre Ipperwash is private property," Shea added of the latter.

While the association has butted heads with Kettle & Stony Point First Nation in the past – most notably over the removal of the vehicle barricades – Shea said its members are supportive of the First Nation's development plans – which include a heritage centre – all arising from its recent settlement with the federal government.

"They are doing a lot of really neat and interesting things that are going to impact the community, and a lot of it we really support," he said.

Among the open house participants will be researchers from Western University and the University of Waterloo.

With its unique ecology, Shea said Ipperwash Beach has long been a hub of academic research, specifically into Great Lakes water quality and the beach's dune.

"We have one student right now who's a local resident and she's doing some plant life and native species research, so she's mapping out different areas on people's dunes and planting wild cherry and St. John's Wort ... because ultimately, after this year with the weather that we've had, having a strong dune with good vegetation really helps prevent losing properties and sand erosion."

Shea said it's a rare opportunity for the public to see the work of the researchers.

"We are supporting them and helping them out, and it helps us better understand what we can do to be better partners with mother nature."

bsimpson@postmedia.com

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IF YOU GO

What: Centre Ipperwash Community Open House

When: June 4, from 1 p.m. to 4 p.m.

Where: Port Franks Community Centre, 9997 Port Franks Rd.

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Center Ipperwash Community Association Open House



CICA President Brent Shea, with Lambton Shores Mayor Bill Weber discussing the Port Franks community design plan update with Ashley Farr. The freshly updated plan covers initiatives including a grocery store/café, increased cycle-friendly connections, increase trails to Ipperwash Center from Hwy 21 & the "four corners", as well as education to facilitate protection of the inlet and creek ecosystems.

By Colin Mitchell

Community spirits were high at the Port Franks Community Centre, where the Center Ipperwash Community Association (CICA) held their Open House on Saturday June 4. CICA's mandate is to develop and foster community spirit, while promoting public interest in area history, and provide information. CICA also serves to investigate and pursue property owner matters that affect members while coming together as a collective voice.

"Our goal is to unite the community, and showcase different organizations," said CICA President Brent Shea. "We are much more than a beachfront group." Brent continued, "We have approximately 400 residential properties in our area, and only about 170 of those are beachfront, so we need to listen and act with many diverse interests in mind."

There were many booths set up by people who enhance, protect and care for

their community. Communities In Bloom was promoting the Purple Pink and Lime Green colours for this year's theme, with representatives on hand to explain the many opportunities for involvement blooming for Lambton Shores residents.

Klaus Keuncke was manning the booth for Lambton Shores Nature Trails, an organization that serves to protect nature trails through Arkona, Forest, Grand Bend, Ipperwash, Northville, Port Franks and Thedford. More information can be found on www.lsntrails.com regarding the many destinations for nature lovers in our area.

The Ministry of Natural Resources, Nature Conservancy of Canada and St. Clair Conservation were set up to relay information regarding the protection of property from coyotes, raccoons and black bears, as well as information about clean water and erosion.

A newly assembled group called the Ipperwash Phrag Fighters was present.

The new group is a welcome addition in the effort to rid the area of the invasive Phragmites, a tall grass that still plagues many areas in Ontario.

Western University's Engineering department was also represented, bringing research on groundwater and surface water interactions in coastal environments. The University of Waterloo was also on hand to showcase research "A strategic examination of the Holocene beach deposits at the outlet of Lake Huron."

The Auxiliary Unit of the Canadian Coast Guard, PointSAR, was on hand along with other essential front line emergency service providers, including the Northville volunteer Fire Department, and the Ontario Provincial Police who had community liaisons available to address concerns and provide feedback.

Members of Lambton Public health were set up to disseminate information on protecting hikers and campers from ticks, Lyme disease and West Nile Virus.

Groups looking to recruit volunteers included the Ipperwash Optimist Club and the Lambton Seniors Association. Eric Battle was searching for individuals to accompany him in the Handyman and Handywoman Program.

Signs call for caution at water source sites

Drinking water protection zone signs are part of a local source protection plan

TYLER KULA
THE OBSERVER

They read, 'Drinking water protection zone.'

They mean, 'Be cautious.' A couple of dozen signs are popping up along roadways in Lambton Shores, Point Edward, Plympton-Wyoming, Sarnia and St. Clair Township, in areas where a chemical spill could cause havoc in the water system.

The signs are part of a provin-

cially mandated drinking water source protection plan, designed to help prevent drinking water contamination.

The signs in Sarnia-Lambton, going up over the next month where roadways meet water intake protection zones, are a reminder to tanker truck drivers, first responders and others to be extra careful, said Dave Posliff, manager of planning and development services with the County of Lambton.

"Just so they know that's an area that's a little more sensitive in relation to protecting those drinking water intakes," he said.

Municipalities in Sarnia-Lambton draw water from Lake Huron at Bright's Grove, and Point Edward, and the St. Clair River at Wallaceburg and Walpole Island, among other locations, he said.

Putting up the signs is part of a plan devised by area conservation authorities and approved by the Ministry of the Environment and

Climate Change last autumn.

A public education program, in the works for Sarnia-Lambton, Posliff said, is another initiative under the plan, and risk management officers have been appointed within participating municipalities to identify potential threats to drinking water sources.

Examples include dry cleaning sites or gas stations tanks that could potentially leak chemicals and fuel into waterways, Posliff said.

"I'm not sure that we have those in our intake protection zones, but that's a process that we're going through right now."

Recent examples of local water intake shutdowns include in 2013, when the one in Wallaceburg closed twice - once, when a Sun-Canadian pipeline leaked diesel into the St. Clair River, and again when biodegradable cleaning product entered the water from Suncor.

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SUBMITTED PHOTO

Iain vanKlinken poses with one of several signs going up around drinking water sources in Sarnia-Lambton. The awareness initiative is part of the area's water source protection plan.



\$1.00
(plus GST)

Drinking water protection zone signs part of protection plan

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Source protection planning was a recommendation of the Walkerton Inquiry. In 2000, seven people died and more than 2,000 became sick after drinking contaminated water supplied by the Walkerton Drinking Water System.

The cost of implementing the plan for Sarnia-Lambton, including erecting the signs, is covered with provincial grant money, including about \$35,000 for the county, Posliff said.

Three years ago the Environment Ministry announced \$13.5 million for small and rural municipalities across Ontario to help them implement drinking water source protection plans.

Sarnia-Lambton is part of the Thames-Sydenham Source Protection Region, including areas that rely on Lake Huron, Lake Erie, Lake St. Clair, the St. Clair River and underground sources for their water.

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