



Board of Directors *Notice of Meeting*

June 22nd - ~1:00 p.m., Visitor Services Centre, A.W. Campbell 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 – proposed changes
 - (iii) Comments submitted via Ontario's Environmental Registry
5. Business arising from last meeting
6. Land Management Reports
 - (i) Conservation Lands Update
 - (ii) Chippewas of Kettle and Stony Point First Nation correspondence
7. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) WECI Projects
 - (iii) Aamjiwnaang First Nation Shoreline naturalization work
8. Biology Reports
 - (i) Healthy Watersheds Program in Lambton Shores
 - (ii) Watershed Monitoring
 - (iii) Healthy Watersheds Program Update
9. Conservation Services Report
 - (i) Spring Tree Planting
 - (ii) Larvicide Program in Lambton County
10. Planning
 - (i) Regulations Report
 - (ii) Monthly Planning Report
 - (iii) Ipperwash Dynamic Beach Assessment
 - (iv) Drainage Act and Conservation Authority Act Protocol (DART)
11. Finance Reports
 - (i) Revenue & Expenditure Report to April 30th
 - (ii) April and May Disbursements
 - (iii) 2017 General Levy Update
 - (iv) Investments
 - (v) Health & Safety Committee minutes

12. Communications
 - (i) Education Report
 - (ii) Student Conference
 - (iii) Schoolyard Greening
 - (iv) Art Walk
 - (v) AOC Report
 - (vi) Scholarship Report
13. Drinking Water Source Water
14. In Camera
15. New Business
16. 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 20, if you are unable to attend.

June 22, 2017

Board of Directors Proposed Resolutions

2. It is requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest.
3. (i) Moved by: _____ Seconded by: _____
That the minutes of the Board of Directors meeting, held April 22, 2017, be approved as distributed.
4. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the General Manager's report, dated June 12, 2017.
4. (ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the proposed changes to the Conservation Authorities Act as introduced in Bill 139 – Building Better Communities and Conserving Watersheds Act (2017) as well as the associated Frequently Asked Questions backgrounder from Conservation Ontario.
4. (iii) Moved by: _____ Seconded by: _____
That the Board of Directors formally approves the comments dated May 24, 2017 submitted via Ontario's Environmental Registry regarding Canada-Ontario draft Action Plan for Lake Erie EBR Registry Number 012-9971 as previously circulated for review and comments.
5. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the updates on business arising from the June 7, 2017 Board of Director's meeting.
6. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Conservation Lands Update, dated June 7, 2017 on Conservation Areas, McKeough Upstream lands and Foundation properties.
6. (ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the correspondence from the Chippewas of Kettle and Stony Point First Nation dated May 24, 2017 as well as the report dated June 9, 2017 regarding a request for relief from fees for the use of Highland Glen Boat Ramp and further _____
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7. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 12, 2017 on the current watershed conditions and Great Lakes water levels.
7. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 7, 2017 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 2017-2018 funding.
7. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the update report, dated June 8, 2017, on Aamjiwnaang First Nation Shoreline naturalization work.
8. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 5, 2017 on the Healthy Watersheds Program "Walk the Watershed" in Lambton Shores, and endorses staff efforts to engage private landowners in Best Management Practices to improve the surface water quality.
8. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 5, 2017 on the Watershed Monitoring.
8. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 7, 2017 on the Healthy Watersheds Program Update, and endorses staff efforts to engage private landowners in Best Management Practices to improve the surface water quality and continue to work towards a Healthy Lake Huron initiative.
9. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 9, 2017 regarding spring 2017 tree planting on private, corporate and public lands.
9. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated June 9, 2017 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.
10. (i) Moved by: Seconded by:
That the Board of Directors accepts the Regulations Activity Reports on "*Development, Interference with Wetlands & Alterations to Shorelines & Watercourses*" Regulations (Ontario Regulation 171/06), dated May 31, 2017 and includes the period April 1, 2017 to May 31, 2017, as presented.

10. (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 2017.
10. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the update on the West Ipperwash Dynamic Beach Assessment dated June 9, 2017.
10. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated June 9, 2017 on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities and drain Letters of Review for April and to date June 2017.
11. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the revenue and expenditure report to April 30, 2017, as it relates to the budget.
11. (ii) Moved by: Seconded by:
That the Board of Directors approves the April and May 2017 disbursements as presented in the amount of \$905,572.74.
11. (iii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the 2017 general levy receipts to May 31, 2017.
11. (iv) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the financial investments through April 2017.
11. (vi) Moved by: Seconded by:
That the Board of Directors acknowledges the March 23, 2017 meeting minutes of Health and Safety Committee.
12. (i) Moved by: Seconded by:
That the Board of Directors acknowledges the education staff report dated June 8, 2017, including the canoe race, spring education programs, special events, and community outreach.
12. (ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report on the Great Lakes Student Conference dated June 5, 2017

12. (iii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report on the Schoolyard Greening Program in conjunction with Lambton Public Health dated June 6, 2017
12. (iv) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report on Art Walk dated June 6, 2017
12. (v) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report, dated June 8, 2017 on the St. Clair River Area of Concern.
- 12.(vi) Move
That the Board of Directors acknowledges the Scholarship Program report dated June 14, 2017.
13. (i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report, dated June 7, 2017 providing an update on the Drinking Water Source Protection Program.
- 14.(i) Moved by: _____ Seconded by: _____
That the Board of Directors move in-camera at _____ to discuss property and personnel issues with the General Manager, the Director of Lands and the Director of Finance remaining.
- 14.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors rise and report at _____.
16. Moved by: _____ Seconded by: _____
That the meeting be adjourned.

General Manager's Report 4.(i)



To: Board of Directors
Date: June 12, 2017
From: Brian McDougall, General Manager

Foundation Property

- ❖ the St. Clair Region Conservation Foundation met on June 2nd, and as requested by the Authority Board, has directed staff to proceed with negotiation of donation agreements for the two property reviewed at the last Board meeting in April

On-line Payments & Donations

- ❖ the Authority has been working towards expanding our options for payments of fees for the last several months
- ❖ fee payees and donors have expressed concerns over providing credit card information to us over the phone, while Authority staff, as always, were looking to improve the efficiency of the payment and accounting processes
- ❖ with a variety of fees/donations being paid for camp sites, conference registrations, planning applications, regulations permits, tree planting, memorial trees, etc., we knew we needed a system that would provide a suite of tools to not only get funds transferred but also obtain the necessary information for receipts, reports, proper accounting, etc.
- ❖ we have built the base for the online payment system and we were able to use the donation option as our first phase of implementation
- ❖ Beta testing was successfully completed in March and the online payment option went live in May
- ❖ online fee payment will be available later this year

Legislative
Assembly
of Ontario



Assemblée
législative
de l'Ontario

2ND SESSION, 41ST LEGISLATURE, ONTARIO
66 ELIZABETH II, 2017

4.(ii)
Excerpts from
Bill 139 specific
to the
Conservation
Authorities Act

Bill 139

An Act to enact the Local Planning Appeal Tribunal Act, 2017 and the Local Planning Appeal Support Centre Act, 2017 and **to amend** the Planning Act, **the Conservation Authorities Act** and various other Acts

The Hon. B. Mauro
Minister of Municipal Affairs

Government Bill

1st Reading May 30, 2017

2nd Reading

3rd Reading

Royal Assent



Currently, under section 47 of the *Planning Act*, the Minister may make orders exercising zoning powers or deeming plans of subdivision not to be registered for the purposes of section 50. The rules governing amendments and revocations of such orders are amended. The Minister may refer a request from a person or public body to amend or revoke an order to the Tribunal. If the Tribunal conducts a hearing, the Tribunal must make a written recommendation to the Minister. The Minister may decide to amend or revoke the order and must forward a copy of his or her decision to the specified persons. A new rule also provides that a proponent of an undertaking shall not give notice under the *Consolidated Hearings Act* in respect of a request to amend a Minister's order unless Minister has referred the matter to the Local Planning Appeal Tribunal. A similar rule is added to section 6 of the *Ontario Planning and Development Act, 1994*, which governs the process for amending development plans.

Subsection 51 (52.4) of the *Planning Act* currently allows the Ontario Municipal Board to consider whether information and material that is presented at a hearing of certain appeals related to plans of subdivision and was not provided to the approval authority could have materially affected the approval authority's decision. If the Board determines that it could have done so, the Board is required to give the approval authority an opportunity to reconsider its decision. The subsection is repealed and replaced to prevent information and material that was not provided to the approval authority in the first instance from being admitted into evidence if the approval authority requests to be given an opportunity to reconsider its decision and to make a written recommendation.

New section 70.8 of the *Planning Act* authorizes the Minister to make regulations providing for transitional matters.

Various technical amendments are also made to the *Planning Act*.

SCHEDULE 4 **AMENDMENTS TO THE CONSERVATION AUTHORITIES ACT**

The Schedule makes numerous amendments to the *Conservation Authorities Act*. In addition to many housekeeping amendments, the Schedule makes more significant amendments as follows:

A new purpose section (section 0.1) is added to the Act.

Various amendments are made in relation to the enlargement of the area of jurisdiction of an authority, the amalgamation of two or more authorities and the dissolution of an authority (sections 10, 11 and 13.1), including amendments relating to the notice that is required before some of these events can occur. Also, the amendments to section 11 add a requirement for the Minister's approval of any amalgamation of two or more authorities.

Some amendments are made in relation to the membership and governance of authorities (sections 14 to 19.1). The rules relating to the appointment and term of office of members of an authority are clarified. The maximum term of office of a member is increased from three to four years. A requirement that meetings of the authority be open to the public is added, subject to exceptions that may be provided in an authority's by-laws. Authorities are required to establish advisory boards in accordance with the regulations. A new section 19.1 is enacted setting out the power of an authority to make by-laws in relation to its governance, including its meetings, employees, officers and its executive committee. Many of these powers were previously regulation-making powers that the authorities held under section 30 of the Act. The Minister may direct an authority to make or amend a by-law within a specified time. If the authority fails to do so, the Minister has the power to make a regulation that has the same effect as the by-law was intended to have.

Amendments are made to the objects, powers and duties of authorities (sections 20 to 27.1) in particular their powers in relation to programs and services and in relation to projects that they undertake. New section 21.1 sets out the three types of programs and services that an authority is required or permitted to provide: the mandatory programs and services that are required by regulation, the municipal programs and services that it provides on behalf of municipalities and other programs and services that it determines to provide to further its objects. New section 21.2 sets out the rules for when an authority may charge fees for the programs and services it provides and the rules for determining the amount of the fees charged. Authorities are required to maintain a fee schedule that sets out the programs and services in respect of which it charges a fee and the amount of the fees. The fee schedule is set out in a written fee policy that is available to the public. Persons who are charged a fee by an authority may apply to the authority to reconsider the charging of the fee or the amount of the fee. Sections 24 to 27 of the Act are repealed and replaced with new sections allowing authorities to recover their capital costs with respect to projects that they undertake and their operating expenses from their participating municipalities. Currently the apportionment of those costs and expenses is based on a determination of the benefit each participating municipality receives from a project or from the authority. The amendments provide that the apportionment will be determined in accordance with the regulations.

The provisions regulating activities that may be carried out in the areas over which authorities have jurisdiction are substantively amended (sections 28 and 29). Section 28 of the Act is repealed. That section currently gives authorities certain regulation-making powers, including the power to regulate the straightening, changing and diverting of watercourses and development in their areas of jurisdiction and to prohibit or require the permission of the authority for such activities. The re-enacted section 28 prohibits such activities so that the previous regulation-making power is no longer required. Furthermore, new section 28.1 gives the authorities the power to issue permits allowing persons to engage in the prohibited activities and section 28.3 allows authorities to cancel the permits in specified circumstances. New regulation-making powers are set out in

section 28.5 in respect of activities that impact the conservation, restoration, development or management of natural resources.

Sections 30 and 30.1 are repealed and sections 30 to 30.4 are enacted in relation to the enforcement of the Act and offences. Authorities are given the power to appoint officers who may enter lands to ensure compliance with the Act, the regulations and with permit conditions. The officers are also given the power to issue stop orders in specified circumstances. Offences for contraventions of the Act, the regulations, permit conditions and stop orders are set out in section 30.4 and the maximum fines under the Act are increased from \$10,000 to \$50,000 in the case of an individual and to \$1,000,000 in the case of a corporation. An additional fine of \$10,000 a day for individuals and \$200,000 a day for corporations may be imposed for each day the offence continues after the conviction. Section 30.6 expands the existing powers of the court when ordering persons convicted of an offence to repair or rehabilitate any damage resulting from the commission of the offence.

Various regulation-making powers are enacted.

SCHEDULE 5

AMENDMENTS TO VARIOUS ACTS CONSEQUENTIAL TO THE ENACTMENT OF THE LOCAL PLANNING APPEAL TRIBUNAL ACT, 2017

Consequential amendments are made to various Acts to change references to the *Ontario Municipal Board Act* so they refer to the *Local Planning Appeal Tribunal Act, 2017* and to change references to the Ontario Municipal Board so they refer to the Local Planning Appeal Tribunal.

Bill 139

2017

**An Act to enact the Local Planning Appeal Tribunal Act, 2017 and the
Local Planning Appeal Support Centre Act, 2017 and to amend the Planning Act,
the Conservation Authorities Act and various other Acts**

CONTENTS

1.	Contents of this Act
2.	Commencement
3.	Short title
Schedule 1	Local Planning Appeal Tribunal Act, 2017
Schedule 2	Local Planning Appeal Support Centre Act, 2017
Schedule 3	Amendments to the Planning Act, the City of Toronto Act, 2006 and the Ontario Planning and Development Act, 1994
Schedule 4	Amendments to the Conservation Authorities Act
Schedule 5	Amendments to Various Acts Consequential to the Enactment of the Local Planning Appeal Tribunal Act, 2017

Her Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Contents of this Act

1 This Act consists of this section, sections 2 and 3 and the Schedules to this Act.

Commencement

2 (1) Subject to subsections (2) and (3), this Act comes into force on the day it receives Royal Assent.

(2) The Schedules to this Act come into force as provided in each Schedule.

(3) If a Schedule to this Act provides that any provisions are to come into force on a day to be named by proclamation of the Lieutenant Governor, a proclamation may apply to one or more of those provisions, and proclamations may be issued at different times with respect to any of those provisions.

Short title

3 The short title of this Act is the *Building Better Communities and Conserving Watersheds Act, 2017*.

SCHEDULE 4
AMENDMENTS TO THE CONSERVATION AUTHORITIES ACT

1 The *Conservation Authorities Act* is amended by adding the following section:

PART I
PURPOSE AND INTERPRETATION

Purpose

0.1 The purpose of this Act is to provide for the organization and delivery of programs and services that further the conservation, restoration, development and management of natural resources in watersheds in Ontario.

2 (1) The definitions of “administration costs” and “maintenance costs” in section 1 of the Act are repealed.

(2) Section 1 of the Act is amended by adding the following definition:

“operating expenses” include,

- (a) salaries, per diems and travel expenses of employees and members of an authority,
- (b) rent and other office costs,
- (c) program expenses,
- (d) costs that are related to the operation or maintenance of a project, but not including the project’s capital costs, and
- (e) such other costs as may be prescribed by regulation; (“dépenses d’exploitation”)

3 The Act is amended by adding the following heading immediately before section 2:

PART II
ESTABLISHMENT OF CONSERVATION AUTHORITIES

4 Subsection 2 (4) of the Act is amended by striking out “but, where not fewer than three representatives are present at a meeting or adjourned meeting, they may adjourn the meeting or adjourned meeting from time to time” at the end.

5 (1) Subsection 3 (1) of the Act is amended by striking out “or adjourned meeting”.

(2) Subsection 3 (5) of the Act is amended by striking out “at such rate of interest as the Minister approves”.

6 (1) Subsection 4 (1) of the Act is amended by striking out the portion before clause (a) and substituting the following:

Upper-tier municipalities

Regional municipalities to act in place of local municipalities

(1) An upper-tier municipality that was established as a regional municipality before the day subsection 6 (1) of Schedule 4 to the *Building Better Communities and Conserving Watersheds Act, 2017* comes into force,

(2) Subsection 4 (2) of the Act is repealed.

7 The Act is amended by adding the following heading immediately before section 10:

PART III
ENLARGING AREAS OF JURISDICTION, AMALGAMATIONS AND DISSOLUTIONS

8 Subsections 10 (1.1), (2), (3) and (4) of the Act are repealed and the following substituted:

Notice of meeting

(1.1) Notice of the meeting shall be given to each participating municipality of the authority and to any municipality that is completely or partly within the area specified under subsection (1).

Representatives

(2) Each municipality that receives notice of the meeting may appoint the number of representatives to attend the meeting that is determined in accordance with subsection 2 (2).

Quorum

(3) At any meeting called under this section, a quorum consists of two-thirds of the representatives that the municipalities are entitled to appoint under subsection (2).

Resolution

- (4) At a meeting held under this section at which a quorum is present, a resolution may be passed to do all of the following:
1. Agree to enlarge the area over which the authority has jurisdiction.
 2. Designate participating municipalities for the enlarged area.
 3. Designate the enlarged area over which the authority has jurisdiction.

Two-thirds majority vote

(5) A resolution described in subsection (4) shall be passed by a majority of at least two-thirds of the representatives present at the meeting.

Resolution in effect

(6) A resolution described in subsection (4) takes effect on such terms as it may specify despite anything to the contrary in the order in council establishing the authority.

Minister's copy

(7) The municipality that called a meeting under subsection (1) shall provide the Minister with a copy of any resolution described in subsection (4) passed at the meeting promptly after the resolution is passed.

9 (1) Subsection 11 (1) of the Act is amended by striking out “council of a municipality situated completely or partly within the jurisdiction of one of the authorities” and substituting “council of a participating municipality of one of the authorities”.

(2) Subsection 11 (1.1) of the Act is repealed and the following substituted:

Notice of meeting

(1.1) Notice of the meeting shall be given to each participating municipality of the relevant authorities.

Public notice

(1.2) The body or bodies that call a meeting under subsection (1) shall ensure that, at least 14 days before the meeting, notice of the meeting is,

- (a) published in a newspaper having general circulation in each participating municipality, including in the electronic version of the newspaper where available; or
- (b) if there is no newspaper of general circulation in a participating municipality, posted on a website maintained by the municipality and in at least one prominent place in the municipality.

Public representations

(1.3) No vote shall be taken on a resolution requesting amalgamation of the authorities unless members of the public have been given an opportunity at the meeting to make representations on the issue.

(3) Subsections 11 (2) and (3) of the Act are repealed and the following substituted:

Representatives

(2) Each municipality that receives notice of the meeting may appoint the number of representatives to attend the meeting that is determined in accordance with subsection 2 (2).

Quorum

(3) At any meeting called under this section, a quorum consists of two-thirds of the representatives that the municipalities are entitled to appoint under subsection (2).

(4) Subsection 11 (4) of the Act is repealed and the following substituted:

Resolution

- (4) At a meeting held under this section at which a quorum is present, a resolution may be passed to do all of the following:
1. Establish a new authority that has jurisdiction over areas that previously were under the separate jurisdiction of the two or more existing authorities of the adjoining watersheds.
 2. Dissolve the existing authorities.
 3. Designate the participating municipalities for the new authority.
 4. Designate the area over which the new authority has jurisdiction.

Two-thirds majority vote

(4.1) A resolution described in subsection (4) shall be passed by a majority of at least two-thirds of the representatives present at the meeting.

Approval by Minister

(4.2) The authorities or the municipality who called a meeting under subsection (1) shall submit the resolution passed in accordance with subsection (4.1) to the Minister for approval and the Minister may approve the resolution with such changes and on such terms and conditions as he or she considers appropriate.

Resolution in effect

(4.3) The resolution takes effect in accordance with the terms of the resolution and the Minister's approval.

(5) Subsection 11 (5) of the Act is amended by striking out “Upon the establishment of a new authority and the dissolution of the existing authorities under subsection (4)” at the beginning and substituting “When the establishment of a new authority and the dissolution of the existing authorities take effect under subsection (4.3)”.

10 (1) Section 13.1 of the Act is amended by adding the following subsection:

Public notice

(1.1) The authority that calls a meeting under subsection (1) shall ensure that, at least 14 days before the meeting, notice of the meeting is,

- (a) published in a newspaper having general circulation in each participating municipality, including in the electronic version of the newspaper where available; or
- (b) if there is no newspaper of general circulation in a participating municipality, posted on a website maintained by the municipality and in at least one prominent place in the municipality.

(2) Subsection 13.1 (2) of the Act is amended by striking out “who were appointed by participating municipalities” at the end.

(3) Subsections 13.1 (3) and (4) of the Act are repealed.

(4) Subsection 13.1 (7) of the Act is repealed.

11 The Act is amended by adding the following heading immediately before section 14:

**PART IV
MEMBERSHIP AND GOVERNANCE**

12 (1) Subsection 14 (1) of the Act is repealed and the following substituted:

Members of authority

(1) Members of an authority shall be appointed by the respective councils of the participating municipalities in the numbers set out in subsection 2 (2) for the appointment of representatives.

(2) Subsection 14 (4) of the Act is repealed and the following substituted:

Requirements regarding composition of authority

(4) The appointment of members to an authority shall be in accordance with such additional requirements regarding the composition of the authority and the qualification of members as may be prescribed by regulation.

Term

(4.1) A member shall be appointed for a term of up to four years, as may be determined by the council that appoints the member.

Same

(4.2) A member's term begins at the first meeting of the authority after his or her appointment and expires immediately before the first meeting of the authority after the appointment of his or her replacement.

Replacement of member

(4.3) Despite subsections (4.1) and (4.2), a member may be replaced by the council of the participating municipality that appointed the member.

Reappointment

(4.4) A member is eligible to be reappointed.

13 Section 15 of the Act is amended by adding the following subsection:

Open meetings

(3) Every meeting held by the authority shall be open to the public, subject to such exceptions as may be specified in the by-laws of the authority.

14 Subsection 17 (1) of the Act is amended by striking out “At the first meeting of an authority and thereafter at the first meeting held in each year” at the beginning and substituting “At the first meeting held in each year or at such other meeting as may be specified by the authority’s by-laws”.

15 Subsection 18 (2) of the Act is repealed and the following substituted:

Advisory boards

(2) An authority shall establish such advisory boards as may be required by regulation and may establish such other advisory boards as it considers appropriate.

Same

(3) An advisory board shall comply with any requirements that may be prescribed by regulation with respect to its composition, functions, powers, duties, activities and procedures.

16 The Act is amended by adding the following section:

By-laws

19.1 (1) An authority may make by-laws,

- (a) respecting the meetings to be held by the authority, including providing for the calling of the meetings and the procedures to be followed at meetings, specifying which meetings, if any, may be closed to the public;
- (b) prescribing the powers and duties of the secretary-treasurer;
- (c) designating and empowering officers to sign contracts, agreements and other documents on behalf of the authority;
- (d) delegating all or any of its powers to the executive committee except,
 - (i) the termination of the services of the secretary-treasurer,
 - (ii) the power to raise money, and
 - (iii) the power to enter into contracts or agreements other than those contracts or agreements as are necessarily incidental to the works approved by the authority;
- (e) providing for the composition of its executive committee and for the establishment of other committees that it considers advisable and respecting any other matters relating to its governance;
- (f) respecting the roles and responsibilities of the members of the authority and of its officers and senior staff;
- (g) requiring accountability and transparency in the administration of the authority including,
 - (i) providing for the retention of records specified in the by-laws and for making the records available to the public,
 - (ii) establishing a code of conduct for the members of the authority, and
 - (iii) adopting conflict of interest guidelines for the members of the authority;
- (h) respecting the management of the authority’s financial affairs, including auditing and reporting on the authority’s finances;
- (i) respecting the by-law review required under subsection (3) and providing for the frequency of the reviews; and
- (j) respecting such other matters as may be prescribed by regulation.

Conflict with other laws

(2) If a by-law made by an authority conflicts with any provision of the *Municipal Conflict of Interest Act* or the *Municipal Freedom of Information and Protection of Privacy Act* or a provision of a regulation made under one of those Acts, the provision of the Act or regulation prevails.

Periodic review of by-laws

(3) At such regular intervals as may be determined by by-law, an authority shall undertake a review of all of its by-laws to ensure, amongst other things, that the by-laws are in compliance with any Act referred to in subsection (2) or any other relevant law.

By-laws available to public

(4) An authority shall make its by-laws available to the public in the manner it considers appropriate.

Transition

- (5) An authority shall make such by-laws under this section as are required for its proper administration,
- (a) in the case of an authority that was established on or before the day section 16 of Schedule 4 to the *Building Better Communities and Conserving Watersheds Act, 2017* comes into force, within one year of that day; and
 - (b) in the case of an authority that is established after the day section 16 of Schedule 4 to the *Building Better Communities and Conserving Watersheds Act, 2017* comes into force, within one year of the day the authority is established.

Direction by Minister

- (6) The Minister may give an authority a written direction to make or amend a by-law on any matter described in subsection (1), in accordance with the direction, within such period of time as may be specified in the direction.

Compliance

- (7) The authority that receives a direction under subsection (6) shall comply with the direction within the time specified in the direction.

Regulation where failure to comply

- (8) If an authority fails to adopt a by-law in accordance with the direction made under subsection (6), the Minister may make regulations in relation to the matters set out in the direction that are applicable in the area of jurisdiction of the authority.

Same

- (9) Any regulation made by the Minister under subsection (8) prevails over any conflicting by-law that the authority may have adopted.

17 The Act is amended by adding the following heading immediately before section 20:

**PART V
OBJECTS, POWERS AND DUTIES**

18 Subsection 20 (1) of the Act is amended by striking out “to establish and undertake, in the area over which it has jurisdiction, a program designed” and substituting “to provide, in the area over which it has jurisdiction, programs and services designed”.

19 (1) Clause 21 (1) (a) of the Act is amended by striking out “a program” and substituting “programs and services”.

(2) Clause 21 (1) (f) of the Act is amended by adding “or to further the authority’s objects” at the end.

(3) Clause 21 (1) (m.1) of the Act is repealed.

(4) Clause 21 (1) (n) of the Act is amended by adding “and individuals” at the end.

(5) Clause 21 (1) (q) of the Act is amended by adding “or as may be desirable to further the objects of the authority” at the end.

20 (1) The Act is amended by adding the following section:

Programs and services

21.1 (1) The following are the programs and services that an authority is required or permitted to provide within its area of jurisdiction:

1. Mandatory programs and services that are required by regulation.
2. Municipal programs and services that the authority agrees to provide on behalf of municipalities situated in whole or in part within its area of jurisdiction under a memorandum of understanding referred to in subsection (3).
3. Such other programs and services as the authority may determine are advisable to further its objects.

Mandatory programs and services

(2) Programs and services referred to in paragraph 1 of subsection (1) shall be provided in accordance with such standards and requirements as may be set out in the regulations.

Memorandum of understanding with municipalities

(3) An authority may enter into a memorandum of understanding with a municipality situated in whole or in part within its area of jurisdiction in respect of programs and services that the authority will provide on behalf of the municipality.

Periodic review of memorandum

(4) An authority and a municipality who have entered into a memorandum of understanding described in subsection (3) shall review the memorandum at such regular intervals as may be determined by the memorandum.

Municipal programs and services

(5) Programs and services that an authority agrees to provide on behalf of a municipality shall be provided in accordance with the terms and conditions set out in the memorandum of understanding or in such other agreement as may be entered into by the authority and the municipality.

Consultation

(6) An authority shall carry out such consultations with respect to the programs and services it provides as may be required by regulation and shall do so in the manner specified by regulation.

(2) Section 21.1 of the Act, as enacted by subsection (1), is amended by adding the following subsection:

Memorandum available to public

(3.1) An authority shall make a memorandum of understanding referred to in subsection (3) available to the public in such manner as may be determined in the memorandum.

21 The Act is amended by adding the following section:

Fees for programs and services

21.2 (1) The Minister may determine classes of programs and services in respect of which an authority may charge a fee.

Publication of list

(2) The Minister shall publish the list of classes of programs and services in respect of which an authority may charge a fee in a policy document and distribute the document to each authority.

Updating list

(3) If the Minister makes changes to the list of classes of programs and services in respect of which an authority may charge a fee, the Minister shall promptly update the policy document referred to in subsection (2) and distribute the new document to each authority.

Where authority may charge fee

(4) An authority may charge a fee for a program or service that it provides only if it is set out on the list of classes of programs and services referred to in subsection (2).

Amount of fee

(5) The amount of a fee charged by an authority for a program or service it provides shall be,

- (a) the amount prescribed by the regulations; or
- (b) if no amount is prescribed, the amount determined by the authority.

Fee schedule

(6) Every authority shall prepare and maintain a fee schedule that sets out,

- (a) the list of programs and services that it provides and in respect of which it charges a fee; and
- (b) the amount of the fee charged for each program or service or the manner in which the fee is determined.

Fee policy

(7) Every authority shall adopt a written policy with respect to the fees that it charges for the programs and services it provides, and the policy shall set out,

- (a) the fee schedule described in subsection (6);
- (b) the frequency within which the fee policy shall be reviewed by the authority under subsection (9);
- (c) the process for carrying out a review of the fee policy, including the rules for giving notice of the review and of any changes resulting from the review; and
- (d) the circumstances in which a person may request that the authority reconsider a fee that was charged to the person and the procedures applicable to the reconsideration.

Fee policy to be made public

(8) Every authority shall make the fee policy available to the public in a manner it considers appropriate.

Periodic review of fee policy

(9) At such regular intervals as may be determined by an authority, the authority shall undertake a review of its fee policy, including a review of the fees set out in the fee schedule.

Notice of fee changes

(10) If, after a review of a fee policy or at any other time, an authority wishes to make a change to the list of fees set out in the fee schedule or to the amount of any fee or the manner in which a fee is determined, the authority shall give notice of the proposed change to the public in a manner it considers appropriate.

Reconsideration of fee charged

(11) Any person who considers that the authority has charged a fee that is contrary to the fees set out in the fee schedule, or that the fee set out in the fee schedule is excessive in relation to the service or program for which it is charged, may apply to the authority in accordance with the procedures set out in the fee policy and request that it reconsider the fee that was charged.

Powers of authority on reconsideration

(12) Upon reconsideration of a fee that was charged for a program or service provided by an authority, the authority may,

- (a) order the person to pay the fee in the amount originally charged;
- (b) vary the amount of the fee originally charged, as the authority considers appropriate; or
- (c) order that no fee be charged for the program or service.

22 The Act is amended by adding the following section:**Information required by Minister**

23.1 (1) An authority shall provide the Minister with such information as the Minister may require in relation to its operations, including the programs and services it provides.

Same

(2) The information shall be provided at the time and in the manner as the Minister may specify.

Publication

(3) If directed by the Minister to do so, an authority shall publish all or such portion of the information provided to the Minister under subsection (1) and shall do so at the time and in the manner specified by the Minister.

23 Sections 24, 25 and 26 of the Act are repealed and the following substituted:**Projects requiring approval**

24 Before proceeding with a project that involves money granted by the Minister under section 39, the authority shall file plans and a description with the Minister and obtain his or her approval in writing.

Recovery of project capital costs

25 (1) An authority may, from time to time, determine the amount of capital costs to be incurred in connection with a project and apportion the capital costs to the participating municipalities in accordance with the regulations.

Notice of apportionment

(2) An authority shall send a notice of apportionment in writing to each participating municipality setting out the amount of the capital costs for a project that has been apportioned to the participating municipality.

Payment of apportioned amount

(3) Each participating municipality shall pay to the authority the portion of the capital costs for a project that is specified in the notice of apportionment in accordance with the requirements set out in the notice and with this section.

How money to be raised

(4) Each participating municipality may issue debentures to provide financing for the capital costs for a project of an authority.

Where money raised over several years

(5) If the notice of apportionment requires a municipality to raise its portion of the capital costs for a project over a period of two or more years, the municipality shall, within 30 days of receiving the notice of apportionment, give the authority written notice of how it will pay its portion of the capital costs.

Debt due

(6) The amount of the portion of the capital costs for a project that is specified in a notice of apportionment sent to a participating municipality is a debt due by the participating municipality to the authority and may be enforced by the authority as such.

Review of apportionment of capital costs

26 (1) Any participating municipality that receives a notice of apportionment under section 25 may, within 30 days after receiving the notice of apportionment, apply to the Ontario Municipal Board, or to such other body as may be prescribed by regulation, for a review of the apportionment among the participating municipalities of the capital costs for the relevant project.

Same

(2) The participating municipality that makes an application under subsection (1) shall send a copy of the notice of application to the authority and to every other participating municipality of the authority.

Hearing

(3) The Ontario Municipal Board, or such other body as may be prescribed by regulation, shall hold a hearing to reconsider the apportionment of capital costs among the participating municipalities, including considering whether the apportionment complies with section 25 and the regulations and whether the portion apportioned to the municipality is otherwise appropriate.

Parties

(4) The parties to the hearing are the applicant municipality, the authority, any other participating municipality of the authority that requests to be a party, and such other persons as the Ontario Municipal Board, or such other body as may be prescribed by regulation, may determine.

Requirement to pay costs stayed

(5) A participating municipality that makes an application under this section is not required to pay the portion of the capital costs that was apportioned to the municipality under the notice of apportionment until the determination of the application.

Delay of notice

(6) A participating municipality that makes an application under this section is not required to give notice under subsection 25 (5) until 30 days after the final determination of the application.

Powers on hearing

(7) Upon hearing an application under this section, the Ontario Municipal Board, or such other body as may be prescribed by regulation, may confirm or vary the apportionment of the capital costs by the authority among the participating municipalities.

Decision final

(8) A decision under subsection (7) is final.

24 (1) Section 27 of the Act is repealed and the following substituted:

Recovery of operating expenses

27 (1) Every year an authority shall determine its operating expenses for the subsequent year and apportion those expenses to the participating municipalities in accordance with the regulations.

Fixed portion for some municipalities

(2) Despite subsection (1) and subject to the regulations, an authority may establish a fixed minimal amount as the portion of the authority's operating expenses that a participating municipality is required to pay each year, and may apportion that amount to the municipality instead of the portion determined under subsection (1) in any year in which the fixed minimal amount exceeds the portion determined under subsection (1).

Notice of apportionment

(3) An authority shall send a notice of apportionment in writing to each participating municipality setting out the amount of the operating expenses that has been apportioned to the participating municipality.

Collection as taxes

(4) Each participating municipality shall collect the amount apportioned to it in the same manner as municipal taxes for general purposes and shall remit the amount collected to the authority.

Debt due

(5) The amount of the portion of the operating expenses specified in a notice of apportionment sent to a participating municipality is a debt due by the participating municipality to the authority and may be enforced by the authority as such.

Review of apportionment of operating expenses

27.1 (1) Any participating municipality that receives a notice of apportionment under section 27 may, within 30 days of receiving the notice, apply to the Mining and Lands Commissioner, or to such other body as may be prescribed by regulation, for a review of the apportionment of the operating expenses.

Same

(2) The participating municipality that makes an application under subsection (1) shall send a copy of the notice of application to the authority and to every other participating municipality of the authority.

Hearing

(3) The Mining and Lands Commissioner, or such other body as may be prescribed by regulation, shall hold a hearing to reconsider the apportionment of the operating expenses, including considering whether the apportionment complies with section 27 and the regulations and whether the portion apportioned to the municipality is otherwise appropriate.

Parties

(4) The parties to the hearing are the applicant municipality, the authority, any other participating municipality of the authority that requests to be a party and such other persons as the Mining and Lands Commissioner, or such other body as may be prescribed by regulation, may determine.

No stay

(5) The appellant municipality shall comply with the notice of apportionment pending the determination of the application.

Powers on hearing

(6) Upon hearing an application under this section, the Mining and Lands Commissioner, or such other body as may be prescribed by regulation, may confirm or vary the apportionment of the operating expenses by the authority among the participating municipalities and may order participating municipalities to pay such portion of the operating expenses as it determines.

Decision final

(7) A decision under subsection (6) is final.

(2) Section 27.1 of the Act, as enacted by subsection (1), is amended by striking out “Mining and Lands Commissioner” wherever it appears and substituting in each case “Mining and Lands Tribunal”.

25 Section 28 of the Act is repealed and the following substituted:

PART VI REGULATION OF AREAS OVER WHICH AUTHORITIES HAVE JURISDICTION

Prohibited activities re watercourses, wetlands, etc.

28 (1) Subject to subsections (2) and (3) and section 28.1, no person shall carry on the following activities, or permit another person to carry on the following activities, in the area of jurisdiction of an authority:

1. Activities to straighten, change, divert or interfere in any way with the existing channel of a river, creek, stream or watercourse or to change or interfere in any way with a wetland.
2. Development activities in areas that are within the authority’s area of jurisdiction and are,
 - i. hazardous lands,
 - ii. wetlands,
 - iii. river or stream valleys the limits of which shall be determined in accordance with the regulations,
 - iv. areas that are adjacent or close to the shoreline of the Great Lakes-St. Lawrence River System or to an inland lake and that may be affected by flooding, erosion or dynamic beach hazards, such areas to be further determined or specified in accordance with the regulations, or
 - v. other areas in which development should be prohibited or regulated, as may be determined by the regulations.

Exception, aggregates

(2) The prohibitions in subsection (1) do not apply to an activity approved under the *Aggregate Resources Act* after December 18, 1998, the date the *Red Tape Reduction Act, 1998* received Royal Assent.

Same, prescribed activities

(3) The prohibitions in subsection (1) do not apply to an activity or a type of activity that is prescribed by regulation and is carried out in accordance with the regulations.

Same, prescribed areas

- (4) The prohibitions in subsection (1) do not apply to any activity described in that subsection if it is carried out,
- (a) in an area that is within an authority's area of jurisdiction and specified in the regulations; and
 - (b) in accordance with any conditions specified in the regulations.

Definitions

(5) In this section,

“development activity” means a development activity as defined by regulation; (“activité d'aménagement”)

“hazardous land” means hazardous land as defined by regulation; (“terrain dangereux”)

“watercourse” means a watercourse as defined by regulation; (“cours d'eau”)

“wetland” means a wetland as defined by regulation. (“terre marécageuse”)

Permits

28.1 (1) An authority may issue a permit to a person to engage in an activity specified in the permit that would otherwise be prohibited by section 28.

Application for permit

(2) A person who wishes to engage in an activity that is prohibited under section 28 in an area situated in the jurisdiction of an authority may apply to the authority for a permit under this section.

Same

(3) An application for a permit shall be made in accordance with the regulations and include such information as is required by regulation.

Power to refuse, etc.

- (4) Subject to subsection (5), the authority may attach conditions to a permit or refuse to issue a permit if, in the authority's opinion,
- (a) the activity is likely to create conditions or circumstances that, in the event of a natural hazard, might jeopardize the health or safety of persons or result in the damage or destruction of property;
 - (b) the activity is likely to affect the control of flooding, erosion, dynamic beaches or pollution or the conservation of land; or
 - (c) any circumstances as may be prescribed by regulation exist.

Hearing

(5) An authority shall not refuse an application for a permit or attach conditions to a permit unless the applicant for the permit has been given an opportunity to be heard by the authority.

Additional criteria, renewable energy projects

- (6) Despite subsection (4), in the case of an application for a permit to engage in development related to a renewable energy project as defined in subsection 1 (1) of the *Green Energy Act, 2009*,
- (a) the authority shall not refuse the permit unless it is of the opinion that it is necessary to do so to control pollution, flooding, erosion or dynamic beaches; and
 - (b) the authority shall not impose conditions on the permit unless the conditions relate to controlling pollution, flooding, erosion or dynamic beaches.

Reasons for decision

(7) If the authority, after holding a hearing, refuses a permit or issues the permit subject to conditions, the authority shall give the applicant written reasons for the decision.

Appeal

- (8) An applicant who has been refused a permit or who objects to conditions imposed on a permit may, within 30 days of receiving the reasons under subsection (7), appeal to the Minister who may,
- (a) refuse the permit; or
 - (b) order the authority to issue the permit, with or without conditions.

Definition

(9) In this section,

“pollution” means pollution as defined by regulation.

Period of validity

28.2 A permit shall be valid for a period to be determined in accordance with the regulations.

Cancellation of permits

28.3 (1) An authority may cancel a permit issued under section 28.1 if it is of the opinion that the conditions of the permit have not been met or that the circumstances that are prescribed by regulation exist.

Notice

(2) Before cancelling a permit, an authority shall give a notice of intent to cancel to the permit holder indicating that the permit will be cancelled on a date specified in the notice unless the holder requests a hearing under subsection (3).

Request for hearing

(3) Within 15 days of receiving a notice of intent to cancel a permit from the authority, the permit holder may submit a written request for a hearing to the authority.

Hearing

(4) The authority shall set a date for the hearing and hold the hearing within a reasonable time after receiving a request for a hearing.

Power

(5) After a hearing, the authority may confirm, rescind or vary the decision to cancel a permit.

Delegation of power

28.4 An authority may delegate any of its powers relating to the issuance or cancellation of permits under this Act or the regulations, or to the holding of hearings in relation to the permits, to the authority’s executive committee or to any other person or body, subject to any limitations or requirements that may be prescribed by regulation.

26 The Act is amended by adding the following section:

Regulations: activities affecting natural resources

28.5 (1) The Lieutenant Governor in Council may make regulations with respect to activities that may impact the conservation, restoration, development or management of natural resources and that may be carried out in the areas of jurisdiction of authorities, including regulations,

- (a) identifying activities that have or may have an impact on the conservation, restoration, development or management of natural resources for the purposes of the regulation;
- (b) regulating those activities;
- (c) prohibiting those activities or requiring that a person obtain a permit from the relevant authority to engage in the activities in the authority’s area of jurisdiction.

Same

(2) A regulation under clause (1) (c) that requires that a person obtain a permit from the relevant authority to engage in an activity described in subsection (1) may,

- (a) provide for applications to be made to an authority for the permit and specify the manner, content and form of the application;
- (b) provide for the issuance, expiration, renewal and cancellation of a permit;
- (c) require hearings in relation to any matter referred to in clauses (a) and (b) and specify the person before whom, or the body before which, the matter shall be heard, provide for notices and other procedural matters relating to the hearing and provide for an appeal from any decision.

Same

(3) A regulation made under this section may be limited in its application to one or more authorities or activities.

27 (1) Subsection 29 (1) of the Act is amended by striking out the portion before clause (a) and substituting the following:

Regulations: public use of authority’s property

(1) The Minister may make regulations with respect to land and other property owned by authorities including regulations,

(2) Subsections 29 (1.1), (1.2) and (2) of the Act are repealed and the following substituted:

Same

(2) A regulation made under this section may be limited in its application to one or more authorities.

28 Sections 30 and 30.1 of the Act are repealed and the following substituted:

**PART VII
ENFORCEMENT AND OFFENCES**

Appointment of officers

30 An authority may appoint officers for the purposes of ensuring compliance with the Act and the regulations.

Entry without warrant

30.1 (1) An officer appointed by an authority under section 30 may, subject to subsections (2) and (3), enter any land situated in the authority's area of jurisdiction for the purposes of determining compliance with subsection 28 (1), a regulation made under subsection 28 (3) or section 28.5 or with the conditions of a permit issued under section 28.1 or under a regulation made under clause 28.5 (1) (c).

No entry to buildings

(2) The power to enter land under subsection (1) does not authorize the entry into a dwelling or other building situated on the land.

Time of entry

(3) The power to enter land under subsection (1) may be exercised at any reasonable time.

Power upon entry

(4) An officer who enters land under subsection (1) may do any of the following things:

1. Inspect any thing that is relevant to the inspection.
2. Conduct any tests, take any measurements, take any specimens or samples, set up any equipment and make any photographic or other records that may be relevant to the inspection.
3. Ask any questions that are relevant to the inspection to the occupant of the land.

No use of force

(5) Subsection (1) does not authorize the use of force.

Experts, etc.

(6) An officer who enters land under this section may be accompanied and assisted by any person with such knowledge, skills or expertise as may be required for the purposes of the inspection.

Searches**Search with warrant**

30.2 (1) An officer may obtain a search warrant under Part VIII of the *Provincial Offences Act* in respect of an offence under this Act.

Assistance

(2) The search warrant may authorize any person specified in the warrant to accompany and assist the officer in the execution of the warrant.

Search without warrant

(3) If an officer has reasonable grounds to believe that there is something on land that will afford evidence of an offence under this Act but that the time required to obtain a warrant would lead to the loss, removal or destruction of the evidence, the officer may, without warrant, enter and search the land.

No entry to buildings

(4) The power to enter land under subsection (3) does not authorize the entry into a dwelling or other building situated on the land.

Stop order

30.3 (1) An officer appointed under section 30 may make an order requiring a person to stop engaging in or not to engage in an activity if the officer has reasonable grounds to believe that the person is engaging in the activity, has engaged in the activity or is about to engage in the activity and, as a result, is contravening,

- (a) subsection 28 (1) or a regulation made under subsection 28 (3) or under section 28.5; or
- (b) the conditions of a permit that was issued under section 28.1 or under a regulation made under clause 28.5 (1) (c).

Information to be included in order

- (2) The order shall,
- (a) specify the provision that the officer believes is being, has been or is about to be contravened;
 - (b) briefly describe the nature of the contravention and its location; and
 - (c) state that a hearing on the order may be requested in accordance with this section.

Service of order

- (3) An order under this section shall be served personally or by registered mail addressed to the person against whom the order is made at the person's last known address.

Registered mail

- (4) An order served by registered mail shall be deemed to have been served on the fifth day after the day of mailing, unless the person served establishes that the person did not, acting in good faith, through absence, accident, illness or other cause beyond the person's control, receive the order until a later date.

Effective date

- (5) An order under this section takes effect when it is served, or at such later time as is specified in the order.

Right to hearing

- (6) A person who is served with an order under this section may request a hearing before the authority or, if the authority so directs, before the authority's executive committee, by mailing or delivering to the authority, within 30 days after service of the order, a written request for a hearing that includes a statement of the reasons for requesting the hearing.

Powers of authority

- (7) After holding a hearing, the authority or executive committee, as the case may be, shall,
- (a) confirm the order;
 - (b) amend the order; or
 - (c) remove the order, with or without conditions.

Reasons for decision

- (8) The authority or executive committee, as the case may be, shall give the person who requested the hearing written reasons for the decision.

Appeal

- (9) Within 30 days after receiving the reasons mentioned in subsection (8), the person who requested the hearing may appeal to the Minister and, after reviewing the submissions, the Minister may,
- (a) confirm the order;
 - (b) amend the order; or
 - (c) remove the order, with or without conditions.

Offences

- 30.4** (1) Every person is guilty of an offence if he or she contravenes,
- (a) subsection 28 (1) or a regulation made under subsection 28 (3) or under section 28.5;
 - (b) the conditions of a permit that was issued under section 28.1 or under a regulation made under clause 28.5 (1) (c); or
 - (c) a stop order issued under section 30.3.

Penalty

- (2) A person who commits an offence under subsection (1) is liable on conviction,
- (a) in the case of an individual,
 - (i) to a fine of not more than \$50,000 or to a term of imprisonment of not more than three months, or to both, and
 - (ii) to an additional fine of not more than \$10,000 for each day or part of a day on which the offence occurs or continues; and
 - (b) in the case of a corporation,
 - (i) to a fine of not more than \$1,000,000, and

- (ii) to an additional fine of not more than \$200,000 for each day or part of a day on which the offence occurs or continues.

Monetary benefit

- (3) Despite the maximum fines set out in clauses (2) (a) and (b), a court that convicts a person of an offence under clause (1) (a) or (b) may increase the fine it imposes on the person by an amount equal to the amount of the monetary benefit that was acquired by the person, or that accrued to the person, as a result of the commission of the offence.

Contravening s. 29 regulations

- (4) Every person who contravenes a regulation made under section 29 is guilty of an offence and on conviction is liable to a fine of not more than \$1,000.

Obstruction of officer

- (5) Every person who prevents or obstructs an officer from entering land under section 30.1 or 30.2 is guilty of an offence and on conviction is liable to a fine of not more than \$10,000.

Limitation period

- 30.5** A proceeding shall not be commenced with respect to an offence under subsection 30.4 (1), (4) or (5) more than two years after the day on which the offence first comes to the attention of an officer appointed under section 30.

Rehabilitation orders

- 30.6** (1) In addition to any other remedy or penalty provided by law, the court, upon convicting a person of an offence under clause 30.4 (1) (a) or (b), may order the convicted person to,

- (a) remove, at the convicted person's expense, any development within such reasonable time as the court orders; and
- (b) take such actions as the court directs, within the time the court may specify, to repair or rehabilitate the damage that results from or is in any way connected to the commission of the offence.

Non-compliance with order

- (2) If a person does not comply with an order made under subsection (1), the authority having jurisdiction may arrange for any removal, repair or rehabilitation that was required of a person under subsection (1) to be carried out.

Liability for certain costs

- (3) The person to whom an order is made under subsection (1) is liable for the cost of any removal, repair or rehabilitation arranged by an authority under subsection (2), and the amount is recoverable by the authority by action in a court of competent jurisdiction.

29 The Act is amended by adding the following heading immediately before section 31:

**PART VIII
MATTERS RELATING TO LAND AND WATER USE**

30 The Act is amended by adding the following heading immediately before section 36:

**PART IX
MISCELLANEOUS**

31 Section 37 of the Act is repealed and the following substituted:

Spending by authority

- 37** All money that is paid to an authority for specified purposes under this Act may be spent by the authority as it considers proper.

32 (1) Section 40 of the Act is repealed and the following substituted:

Regulations, Lieutenant Governor in Council

- 40** (1) The Lieutenant Governor in Council may make regulations,

- (a) governing the composition of conservation authorities and prescribing additional requirements regarding the appointment and qualifications of members of conservation authorities;
- (b) governing advisory boards established under subsection 18 (2), including requiring authorities to establish one or more advisory boards and prescribing requirements with respect to the composition, functions, powers, duties, activities and procedures of any advisory board that is established;
- (c) governing programs and services provided by authorities under paragraph 1 of subsection 21.1 (1), requiring authorities to provide those programs and services and respecting standards and requirements applicable to those programs and services;

- (d) governing the apportionment of an authority's capital costs in connection with a project for the purposes of section 25;
- (e) governing reviews under sections 26 and 27.1, including prescribing a body that may conduct such reviews instead of the Ontario Municipal Board or the Mining and Lands Commissioner, as the case may be;
- (f) governing the apportionment of an authority's operating expenses for the purposes of section 27, prescribing expenses as operating expenses for the purposes of section 27, governing the amount that participating municipalities are required to pay under section 27, including the fixed amount that a participating municipality may be required to pay under subsection 27 (2), and restricting and prohibiting the apportionment of certain types of operating expenses;
- (g) defining any term that is used in this Act and that is not defined in this Act;
- (h) respecting anything that is necessary or advisable for the proper administration of this Act.

Same

(2) The standards and requirements established for programs and services in a regulation made under clause (1) (c) may include standards and requirements to mitigate the impacts of climate change and provide for adaptation to a changing climate, including through increasing resiliency.

Regulations, Minister

- (3) The Minister may make regulations,
- (a) prescribing matters that may be the subject of by-laws made under clause 19.1 (1) (j);
 - (b) respecting the amount of any fee that may be charged by an authority in relation to a program or service, including determining the manner in which the fee is calculated;
 - (c) governing consultations that an authority must carry out for the purposes of subsection 21.1 (6);
 - (d) governing the information that authorities must provide to the Minister under section 23.1, including the publication of that information;
 - (e) governing the prohibitions set out in section 28, including,
 - (i) prescribing the limits on river and stream valleys for the purposes of subparagraph 2 iii of subsection 28 (1),
 - (ii) determining or specifying areas for the purposes of subparagraph 2 iv of subsection 28 (1),
 - (iii) determining areas in which development should be prohibited or regulated for the purposes of subparagraph 2 v of subsection 28 (1),
 - (iv) prescribing activities or types of activities to which the prohibitions set out in subsection 28 (1) do not apply and respecting the manner or circumstances in which the activities or types of activities may be carried out and any conditions or restrictions that apply to the activity or type of activity,
 - (v) prescribing areas in which the prohibitions set out in subsection 28 (1) do not apply and respecting the manner or circumstances in which the activities may be carried out in such areas and any conditions or restrictions that apply to carrying out activities in such areas,
 - (vi) defining "development activity", "hazardous land", "watercourse" and "wetland" for the purposes of section 28;
 - (f) governing the issuance of permits under section 28.1, including applications for the permits, prescribing conditions that may be attached to a permit or circumstances in which a permit may be refused under subsection 28.1 (4) or cancelled under section 28.3 and respecting the period for which a permit is valid;
 - (g) defining "pollution" for the purposes of the Act;
 - (h) governing the delegation of powers by an authority under section 28.4 and prescribing any limitations or requirements related to the delegation.

(2) Clause 40 (1) (e) of the Act, as enacted by subsection (1), is amended by striking out "Mining and Lands Commissioner" and substituting "Mining and Lands Tribunal".

33 The Act is amended by adding the following section:

Rolling incorporations

41 A regulation made under this Act that adopts a document by reference may adopt the document as it may be amended from time to time after the regulation is made.

Commencement

34 (1) Subject to subsection (2), this Schedule comes into force on the day it receives Royal Assent.

(2) Sections 2, 13 and 16, subsections 19 (3) and 20 (2) and sections 21, 23, 24, 25, 26, 27, 28 and 32 come into force on a day to be named by proclamation of the Lieutenant Governor.



Conservation Authorities Act Review – Proposed Amendments Bill 139 – Building Better Communities and Conserving Watersheds Act (2017)

What is the name of the Bill?

Bill 139, the *Building Better Communities and Conserving Watersheds Act, 2017* was introduced into the legislature and passed First Reading on May 30, 2017. The Bill proposes amendments to the *Conservation Authorities Act* and can be viewed at http://www.ontla.on.ca/bills/bills-files/41_Parliament/Session2/b139_e.pdf

Bill 139 is an 'omnibus bill' which groups various Acts to be amended including the *Conservation Authorities Act*. In addition to other Acts, the Bill also encompasses changes to the *Planning Act* and proposes replacing the Ontario Municipal Board with a new Local Planning Review Tribunal.

Conservation Authorities and Conservation Ontario are focused on **Schedule 4** of Bill 139 which refers to the *Conservation Authorities Act*.

Bill 139 is on the Orders and Notices Paper for the next session of Parliament scheduled to commence Monday, September 11, 2017. It joins approximately 72 other Bills that will start at the Second Reading stage.

The Province's media release about the Bill can be read here: <https://news.ontario.ca/mma/en/2017/05/building-better-communities-and-conserving-watersheds.html>

When will the Bill be enacted?

The Bill has to pass through two more readings in the legislature before it could be enacted which could take place during the next sitting of the Legislature which starts September 11, 2017. During this time, it will be debated by Members of the Legislature and could be referred to a Standing Committee for a 'clause by clause' review.

What is the policy document still to be posted?

In the coming weeks the Province will be posting *Conserving our Future: A Modernized Conservation Authorities Act* that supports the Bill by describing the changes being proposed and other policy and program changes resulting from the review. Members will be circulated the document as soon as it is available on the Environmental Bill of Rights registry.

What are the objectives of the proposed changes?

The Province states that the proposed changes will modernize the *Conservation Authorities Act* framework by:

- Strengthening oversight and accountability.
- Increasing clarity and consistency in programs and services.
- Increasing clarity and consistency in regulatory requirements.
- Improving collaboration and engagement.
- Modernizing funding mechanisms.

What are the proposed amendments to the *Conservation Authorities Act*?

Bill 139: *Building Better Communities and Conserving Watersheds Act*, 2017,

In its “explanatory note” for the amendments, the Province posted the following information on the Legislative Assembly of Ontario website

http://www.ontla.on.ca/web/bills/bills_detail.do?locale=en&Intranet=&BillID=4936 :

Schedule 4:

The Schedule makes numerous amendments to the *Conservation Authorities Act*. In addition to many housekeeping amendments, the Schedule makes more significant amendments as follows:

1. A new purpose section (section 0.1) is added to the Act.

From the proposed amended CA Act: “The purpose of this Act is to provide for the organization and delivery of programs and services that further the conservation, restoration, development and management of natural resources in watersheds in Ontario.”

2. Enlargement of the area of jurisdiction of an authority, the amalgamation of authorities and dissolution of an authority

Various amendments are made in relation to the enlargement of the area of jurisdiction of an authority, the amalgamation of two or more authorities and the dissolution of an authority (sections 10, 11 and 13.1), including amendments relating to the notice that is required before some of these events can occur. Also, the amendments to section 11 add a requirement for the Minister’s approval of any amalgamation of two or more authorities.

3. Membership and governance of authorities

Some amendments are made in relation to the membership and governance of authorities (sections 14 to 19.1). The rules relating to the appointment and term of office of members of an authority are clarified. The maximum term of office of a member is increased from three to four years.

A requirement that meetings of the authority be open to the public is added, subject to exceptions that may be provided in an authority’s by-laws.

Authorities are required to establish advisory boards in accordance with the regulations.

A new section 19.1 is enacted setting out the power of an authority to make by-laws in relation to its governance, including its meetings, employees, officers and its executive committee. Many of these powers were previously regulation-making powers that the authorities held under section 30 of the Act. The Minister may direct an authority to make or amend a by-law within a specified time. If the authority fails to do so, the Minister has the power to make a regulation that has the same effect as the by-law was intended to have.

4. Objects, powers and duties of authorities

Amendments are made to the objects, powers and duties of authorities (sections 20 to 27.1) in particular their powers in relation to programs and services and in relation to projects that they undertake. New section 21.1 sets out the three types of programs and services that an authority is required or permitted to provide: the mandatory programs and services that are required by regulation, the municipal programs and services that it provides on behalf of municipalities and other programs and services that it determines to provide to further its objects.

New section 21.2 sets out the rules for when an authority may charge fees for the programs and services it provides and the rules for determining the amount of the fees charged. Authorities are required to maintain a fee schedule that sets out the programs and services in respect of which it charges a fee and the amount of the fees. The fee schedule is set out in a written fee policy that is available to the public. Persons who are charged a fee by an authority may apply to the authority to reconsider the charging of the fee or the amount of the fee.

Sections 24 to 27 of the Act are repealed and replaced with new sections allowing authorities to recover their capital costs with respect to projects that they undertake and their operating expenses from their participating municipalities. Currently the apportionment of those costs and expenses is based on a determination of the benefit each participating municipality receives from a project or from the authority. The amendments provide that the apportionment will be determined in accordance with the regulations.

5. Regulating-making powers

The provisions regulating activities that may be carried out in the areas over which authorities have jurisdiction are substantively amended (sections 28 and 29). Section 28 of the Act is repealed. That section currently gives authorities certain regulation-making powers, including the power to regulate the straightening, changing and diverting of watercourses and development in their areas of jurisdiction and to prohibit or require the permission of the authority for such activities. The re-enacted section 28 prohibits such activities so that the previous regulation-making power is no longer required.

Furthermore, new section 28.1 gives the authorities the power to issue permits allowing persons to engage in the prohibited activities and section 28.3 allows authorities to cancel the permits in specified circumstances. New regulation-making powers are set out in section 28.5 in respect of activities that impact the conservation, restoration, development or management of natural resources.

6. Enforcement of the Act and offences

Sections 30 and 30.1 are repealed and sections 30 to 30.4 are enacted in relation to the enforcement of the Act and offences. Authorities are given the power to appoint officers who may enter lands to ensure compliance with the Act, the regulations and with permit conditions. The officers are also given the power to issue stop orders in specified circumstances.

Offences for contraventions of the Act, the regulations, permit conditions and stop orders are set out in section 30.4 and the maximum fines under the Act are increased from \$10,000 to \$50,000 in the case of an individual and to \$1,000,000 in the case of a corporation. An additional fine of

\$10,000 a day for individuals and \$200,000 a day for corporations may be imposed for each day the offence continues after the conviction.

Section 30.6 expands the existing powers of the court when ordering persons convicted of an offence to repair or rehabilitate any damage resulting from the commission of the offence.

Various regulation-making powers are enacted.

What has been the initial response from Conservation Ontario?

On May 31, 2017 Conservation Ontario issued a media release which said that CO and the Conservation Authorities would be reviewing the Bill in detail and will continue to work with the Province in moving forward.

The media release can be found on Conservation Ontario's website:

http://conservationontario.ca/images/Media_Releases/MediaRelease_CA_Act_COMay2017_FNL_rev.pdf

The Bill is being reviewed by a Conservation Ontario CA Act Working Group comprised of a number of CA General Managers and CO staff. A report to the broader membership is scheduled for the June 2017 Council meeting.

Background

In 2015, the Province initiated a review of the *Conservation Authorities Act (CA Act)* which governs Ontario's 36 Conservation Authorities. They developed an initial Conservation Authorities [Discussion Paper](#) (Fall 2015) to provide an overview of Conservation Authorities, their funding and governance.

In Spring 2016, MNRF posted a second discussion paper which identified priorities for moving forward with the *CA Act* review: [Conserving Our Future: Proposed Priorities for Renewal](#). This was followed up by multi-stakeholder engagement sessions.

Conservation Ontario and the Conservation Authorities have provided input to both documents. An amended *Conservation Authorities Act* was introduced to the legislature on May 30, 2017 for first reading.

For more information:

Kim Gavine, General Manager, Conservation Ontario
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Bonnie Fox, Manager, Policy and Planning, Conservation Ontario
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jlewington@conservationontario.ca (905) 895-0716 ext 222

**St. Clair Region Conservation Authority
Comments on the
Canada-Ontario draft Action Plan for Lake Erie
(EBR Registry Number 012-9971)
May 24, 2017**



**Partnering in Phosphorus Control:
Achieving Phosphorus Reductions in Lake Erie from Canadian Sources**

Please accept this document as the St. Clair Region Conservation Authority's formal comments on the above noted Action Plan.

This submission reinforces and supports previous submissions and ongoing discussions between St. Clair Region Conservation Authority (SCRCA), Conservation Ontario, and Provincial and Federal Governments on this topic including:

- Great Lakes Water Quality Agreement, Annex 4 binational Subcommittee and Task Teams including work of the Targets and Objectives Task Teams
- Meetings with Conservation Ontario and Conservation Authority staff in the Lake Erie Basin
- Conservation Ontario's (November 20, 2016) and individual Conservation Authorities submissions on the Province of Ontario's EBR posting 012-8760 Reducing Phosphorus to minimize Algal Blooms in Lake Erie
- Consultations at the Lake Erie Nutrients Working Group Table

Regarding current consultations on the Draft Canada Ontario Action Plan for Lake Erie, our current comments here will reiterate previous messaging that SCRCA is ready to support and leverage immediate actions to reduce P loadings to Lake Erie now. SCRCA is committed to continuing to work with Canada and Ontario to confirm our actions to be included in the Final Action Plan for Lake Erie. These actions will be dependent on local municipal, partner and provincial and federal partner commitments. Conservation Ontario encourages long term, multi-year resource commitments. Future actions are subject to funding and P load reduction will depend on the scale of work and available resources. [SCRCA is prepared to continue to do the following to achieve phosphorus reductions in Lake Erie.](#)

Current Activities	Timeline	Status
<p>Support, promote and implement rural, agricultural and urban beneficial management practices (BMPs) [e.g. buffer strips, fragile land retirement, soil erosion control structures, septic system upgrades, stormwater management, well decommissioning, manure storages and organic commodity production (farming)].</p> <p>Work with existing initiatives such as local Clean Water Programs, Canada-Ontario Environmental Farm Plan, and <i>Clean Water Act</i> and <i>Nutrient Management Act</i> programs.</p>	Ongoing	<p>In progress 2011 – March 2016 Number of Projects – 205 # of hectares involved – 150 total grant to landowners - \$1,025,000 total project value - \$2,800,000</p>
<p>Study impacts of septic systems on water quality where issues exist in the watershed (e.g. Walpole Island, rural areas). Investigate and conduct cost assessment of alternatives to septic systems and/or upgrades.</p>	2012-2013	<p>In progress Source Water Protection Plan for municipal sources of drinking water approved in 2015. Policies to manage significant risks have been adopted and are being implemented by municipalities. In some cases, the Conservation Authority has been contracted to undertake implementation of the plan.</p>
<p>Support the development and implementation of tools that help characterize agricultural watersheds (e.g. Agricultural Resource Inventory (ARI), AGNPS, etc.) to help inform management decisions and identify priority actions.</p>	Ongoing	<p>In progress</p> <ul style="list-style-type: none"> - Digitally recorded and mapped more than 300 stewardship projects from 1995 to 2016 spanning an area of more than 900ha within the AOC - Performed a stream buffer analysis to identify areas that are deficient of stream buffers which included the mapping of 1308km of watercourses. Both 5m and 30m buffers were identified and calculated and areas that were deficient of buffers could be targeted for rehabilitation.

Protect significant natural heritage features through land acquisition and related means (conservation easements, donations, etc.).	Ongoing	<p>In progress Acquisition of wetland in the Sydenham watershed near Wallaceburg completed in 2013 – 11 hectares. Total SCRCA/Foundation land holdings 2,150 ha</p>
Complete habitat restoration and enhancement activities with an emphasis on forest, prairie and wetland habitats.	2011 - 2016	<p>In progress</p> <ul style="list-style-type: none"> • 90 hectares of habitat restoration • 38 Wetland projects completed • 1 shoreline / Riparian projects completed • 1 stream / fish habitat projects completed • Total habitat stewardship project costs for 2011 - 2016 = \$1,500,000 • 62 projects targeted SAR (such as eastern spiny softshell turtle and a variety of SAR mussels) • 12 Water Quality improvement projects completed in 2011 - 2016 with a total project cost of \$60,500. • 150 reforestation / tree planting projects completed in 2011 - 2016 totaling 160 hectares with a total project cost of \$1,300,000 • 5 ha of created wetland at Bowen's Creek on the St. Clair River
Promote innovative agricultural drain maintenance projects as part of ongoing municipal drain management activities (e.g. restricted outlets, minimal cleanouts etc.).	2011 - 2016	<p>In progress</p> <ul style="list-style-type: none"> • 3 projects – buffers along municipal drains • Advising municipal drain officials of appropriate environmental measures

<p>Support education and awareness activities related to urban and rural non-point source pollution remediation (e.g., compact urban form, pesticide use, ecological footprint, etc.).</p>	<p>Ongoing</p>	<p>In progress School education programs targeted at non-point source pollution for the St. Clair River RAP – 1,892 students from 2011 – 2016 Riverbottom Critters Program – 14,297 Total number of students for all conservation education programs 2011 – 2016 – 58,800 Total cost of program 2011 – 2016 is \$619,000</p> <p>Participated at Aamjiwnaang FN Earth Day Celebrations (2014, 2015, 2016) and EnviroFest (2014, 2015, 2016).</p> <p>Participated at Walpole Island FN Heritage Centre Open Houses (2013, 2015, 2016) including the Heritage Centre 25th Anniversary Celebration in 2014.</p> <p>Other events included:</p> <p><u>2011:</u></p> <ul style="list-style-type: none"> • Aamjiwnaang First Nation Pow Wow – 2011 • “<i>Tainting of Fish and Wildlife Flavour</i>” Beneficial Use Impairment Re-designation Celebration – August 26, 2011 in Point Edward, Ontario <p><u>2012:</u></p> <ul style="list-style-type: none"> • AOC Symposium – “The Path to a Healthy River – Working Towards Delisting the St. Clair River” – June 7, 2012 at Lambton College, Sarnia, Ontario • “<i>Added Costs to Agriculture and Industry</i>” Beneficial Use Impairment Re-designation Celebration – September 28, 2012 at Cathcart Park, Sombra, Ontario
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		<p><u>2014:</u></p> <ul style="list-style-type: none"> • “<i>Degradation of Aesthetics</i>” Beneficial Use Impairment Re-designation Celebration and St. Clair River Boat Tour – September 10, 2014 aboard the Duc d’Orleans, Sarnia, Ontario • AOC Symposium – “The St. Clair River – Bridging the Environment and Economy” – September 18, 2014 at the DoubleTree by Hilton Hotel, Port Huron, Michigan • Coldstream Wetlands workshop 22 participants (children & adults) <p><u>2015:</u></p> <ul style="list-style-type: none"> • Great Lakes-St. Lawrence Cities Initiative – June 17-19, 2015 at the Holiday Inn, Point Edward, Ontario • Coldstream Wetlands workshop 25 participants (children & adults) • <p><u>2016:</u></p> <ul style="list-style-type: none"> • Bluewater Anglers Kids Training Day – May 28, 2016 in Point Edward, Ontario (attended by representatives from the Friends of the St. Clair River community group) • Coldstream Wetlands workshop 20 participants (children & adults) <p>Conservation Authority summary based on Conservation Ontario Draft 2012 statistical survey</p> <ul style="list-style-type: none"> • Environmental Education programs were provided in all 4 Lake St Clair / CA watersheds. • Total educational program spending for CA educational programs in the 4 watersheds was \$630,000 in 2012, reaching 40637 children in all grade levels. • Hosted or participated in Children’s Water Festivals in 2012 - Chatham-Kent Water Festival held annually – 1,300 students in 2011
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Support stewardship activities that encourage sustainable land use practices for the protection of fish and wildlife habitat.	Ongoing	In progress Similar to section on page 3
Develop community-based watershed/sub-watershed management plans to identify local issues such as priority non-point source sites in the sub-watershed.	2011 - 2016	In progress Conservation Action Plans were developed by Carolinian Canada in cooperation with watershed municipalities, farm organizations, residents, conservation authorities, and interest groups. In 2013, the SCRCA collaborated with Carolinian Canada on Conservation Action Plans for Lake St. Clair Coastal, and the Sydenham River watershed.
Encourage municipalities to incorporate existing environmental plans (e.g. watershed/sub-watershed management plans) and technical guidance (e.g. Ducks Unlimited priority areas) into Official Plans and strengthen the environmental policies (e.g. provision for greater protection of water quality and fish and wildlife habitat identified in Natural heritage policies) within the Plans.	2011 - 2016	In progress SCRCA worked with several partners to establish the Lambton County Natural Heritage Study which is to be incorporated into the Lambton County Official Plan
Develop a 'Climate Change and Lake St. Clair: Expected Impacts, Mitigation and Adaptation' Discussion Paper.	2011-2013	In progress SCRCA completed a Climate Change Report that documents the climate trends (precipitation, temperature, and flows in the watershed. Impacts, mitigation, and adaptation strategies are discussed in the report.

<p>Provide technical transfer opportunities such as workshops, extension materials and training to promote stewardship activities by communities, landowners and youth (e.g. Water Festivals) for Lake St. Clair priority issues.</p>	<p>Ongoing</p>	<ul style="list-style-type: none"> • School education programs targeted at non-point source pollution for the St. Clair River RAP – 1,892 students from 2011 – 2016 • Riverbottom Critters Program – 14,297 • Total number of students for all conservation education programs 2011 – 2016 – 58,800 • Total cost of program 2011 – 2016 is \$619,000 <ul style="list-style-type: none"> • 30% Residue Workshop 2013 • Soil Analysis Workshop March 2014 • Soil Health Workshop Feb 2016 • Cover Crop Workshop Nov 2012, March 2013 • GLASI Soil Health Bus Tour 2016 • Soil Health Bus Tours 2015 - 2016 • LSCIA Twilight Tour 2012-2016 • MSCIA Twilight Tour 2012-2016 • London Canadian Association of Farm Advisors presentation 2015 • LSCIA AGM display 2013-2016 • MSCIA AGM display 2013-2016 • SWAC display 2014-2016 • Fall Fairs 2013-2016 • Great Canadian Shoreline Cleanup 2012-2016 • Ag in the Classroom 2011 - 2016 • Go Wild Grow Wild Fair 2016
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With **additional funding and resources** SCRCA would be prepared to do the following to achieve phosphorus reductions in Lake Erie:

SCRCA can support watershed and nearshore-based strategies and community-based planning for reducing phosphorous loadings.

- SCRCA can collaborate with Ontario and Canada on a coordinated approach to watershed planning for reduced phosphorus loadings.
- SCRCA can collaborate with Ontario and Canada to develop new watershed plans focused on reducing phosphorus loadings in the Lake Erie Basin.
- SCRCA can work with Ontario and Canada to develop multi-agency program(s) that support implementation of local actions to reduce phosphorus loadings in the Lake Erie Basin.
- SCRCA can work with Ontario and Canada to conserve Ontario's wetlands.

SCRCA can work to reduced phosphorus loadings from urban areas.

- SCRCA can collaborate with Ontario and Canada to promote eligible investments for the reduction of excess phosphorus from point sources such as municipal wastewater treatments systems or municipal stormwater effluent under applicable infrastructure and other funding programs
- SCRCA can collaborate with Ontario and Canada to promote and support the use of green infrastructure and low impact development (LID) for stormwater management, including clarifying and enhancing policies, and developing green standards.

SCRCA can work to reduce phosphorus loadings from agricultural and rural areas.

- SCRCA can continue to collaborate with Ontario and Canada and rural landowners to implement agricultural BMPs in the St. Clair Region.
- SCRCA can collaborate with Ontario and Canada to implement programming that supports a multi-BMP whole farm approach to achieve phosphorus runoff reduction from farmland from the St. Clair Region.
- SCRCA can continue to collaborate with Ontario and Canada to promote an Ontario industry-led 4R program (right source of nutrients at the right rate, time, and placement) based on the internationally-recognized 4R Nutrient Stewardship system which helps farmers reduce nutrient losses into the environment through efficient nutrient application.
- SCRCA can collaborate with Ontario and greenhouse growers to encourage nutrient recycling and reduce phosphorus levels in discharges to watercourses in the St. Clair Region. Actions include education, awareness, innovation, monitoring, and cost-shared programs. Ontario

with Canada's support will work with the agriculture sector to harmonize and streamline planning tools (e.g., Environmental Farm Plan (EFP), Farmland Health Checkup, nutrient management planning) to support an integrated, whole-farm approach to environmental sustainability.

- SCRCA can collaborate with Ontario to encourage stewardship activities on private lands that support phosphorus reduction in the St. Clair region by providing incentives for landowners through programs such as the Conservation Land Tax Incentive Program (CLTIP) and the 50 Million Tree program.
- SCRCA can work with Canada and Ontario to ensure public land and conservation authority owned/managed land is managed to minimize phosphorus losses.
- SCRCA can work with Canada and Ontario to explore managing dams to reduce phosphorus outputs (without compromising aquatic invasive species management or hydroelectric power generation).

SCRCA can help conduct monitoring and modelling.

- SCRCA can assist Canada to measure phosphorus loads to Lake Erie from selected Canadian tributaries.
- SCRCA can assist Canada to continue to monitor and assess biota and water quality conditions in Lake Erie through the Great Lakes Surveillance Program.
- SCRCA can assist Canada to continue to collect and coordinate hydraulic and hydrologic data.
- SCRCA can assist Ontario with long-term monitoring programs including the Provincial Water Quality Monitoring Network, Provincial Groundwater Monitoring Network, Great Lakes Intake Monitoring Program, and Great Lakes Nearshore Monitoring Program.
- SCRCA can continue to assist Canada to produce an annual national field-scale crop inventory map.
- SCRCA can assist Canada to develop Soil and Water Assessment Tool models for the Sydenham River and associated BMP scenario testing.
- SCRCA can assist Canada to improve models and tools at two scales for risk of phosphorus loss: soil-landscape scale (Indicator of Risk of Water Contamination by Phosphorus, IROWC-P) and the field scale (P-Index).

SCRCA can help conduct research to better understand and predict the impact of climate change on the Lake Erie ecosystem.

- SCRCA can assist Canada and Ontario to research the effectiveness of BMPs in reducing phosphorus losses from agricultural land during typical and extreme weather events.

- SCRCA can assist Canada and Ontario to conduct research to improve modeling capability to quantify phosphorus reductions from BMPs at a landscape scale.
- SCRCA can assist Canada and Ontario to investigate current (baseline) and future adoption of BMPs within the Lake Erie basin and within selected sub-watersheds to inform monitoring efforts and progress towards targets.
- SCRCA can assist Ontario to investigate social, economic and environmental determinants impacting BMP adoption.
- SCRCA can assist Ontario will support studies that improve understanding of the correlation between phosphorus load reduction and high uptake of low impact development/green infrastructure.
- SCRCA can assist Canada and Ontario to measure effectiveness of wetlands and other natural heritage features in reducing phosphorus through overland flow into watercourses.

SCRCA can help to enhance communication and outreach to build awareness, improve understanding and influence change.

- SCRCA can assist Canada and Ontario to develop a digital marketing campaign to build awareness of the need for actions to reduce phosphorus in the Lake Erie basin.
- SCRCA can assist Canada and Ontario, in collaboration with the Lake Erie community, to enhance the awareness of the impacts of phosphorus on aquatic ecosystems.
- SCRCA can assist Ontario to work with the agriculture sector to communicate practices for responsible nutrient management, including soil testing to determine appropriate phosphorus requirements.
- SCRCA can assist Ontario, in partnership with the agriculture sector, to develop and deliver information and tools to increase cover crop use in the non-growing season to reduce soil loss and field runoff and to promote the application of nutrients at the right time through the “Timing Matters” initiative.
- SCRCA can assist Ontario to deliver, by 2018, enhanced drainage and erosion control education and training to increase awareness of causes of nutrient loading in runoff and how to manage drainage to reduce phosphorus loads
- SCRCA can assist Ontario, by 2018, to develop a provincial award to recognize excellence, innovation and leadership in demonstrating environmental action at the farm level in the Lake Erie basin.
- SCRCA can assist Ontario to facilitate an event, by March 2018, showcasing the adoption of leading municipal approaches to integrated stormwater management.

SCRCA can help to improve communication and coordination.

- SCRCA can assist Canada and Ontario to engage First Nations and Métis communities to facilitate their participation and input in the development and implementation of the Action Plan.

SCRCA can help to establish an adaptive management framework.

- Canada and Ontario will assess and report on progress towards achieving phosphorus reduction actions and targets in 2023 and every five years thereafter.

If you have any questions or require further information, please contact the Authority's Administrative Offices at:

205 Mill Pond Crescent, Strathroy, ON N7G 3P9

Telephone: 519-245-3710

Fax: 519-245-3348

Email: stclair@scrca.on.ca

Staff Report

5.(i)



To: Board of Directors
Date: June 7, 2017
From: Marlene Dorrestyn
Subject: Business Arising from April 20, 2017 meeting

- would like a means for feedback implemented regarding Conservation Areas, so the public can voice their concerns.
 - camper reservations receipt and seasonal Camper packages are being revised to include comments sections
 - campers will be asked to provide comments via digital media (email, website, facebook, etc.)
- staff should attend Drainage Superintendent's meeting in January.
 - 2-3 staff have attended the annual Drainage Superintendents Conferences each of the last 3 years
 - staff will continue to attend
- please add the Chatham-Kent directors to the directors expense charts for 2017.
 - Chatham-Kent directors have been added to the 2016 directors expense chart for our files and will be included in 2017 and future despite showing no expense
- concern regarding one legislation contradicting another regarding drainage.
 - maintain open lines of communication with all levels of government in order to ensure projects can proceed in a timely fashion

Staff Report

6.(i)



To: Board of Directors
 Date: June 7, 2017
 From: Kevan Baker, Director of Lands
 Subject: Conservation Lands Report

Conservation Areas:

- the Conservation Authority owns 15 conservation areas and manages 17 properties for the Foundation
- 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 415 seasonal campers and are financial self sufficient
- profits obtained from our campgrounds are used to offset capital improvements
- the camping season in 2017 runs from Friday, April 28 to Thanksgiving Day

Warwick Conservation Area

- a 24 x 32 ft pole type storage shed has been constructed
- engineered wood chip playground protective surfacing has been installed under the main day use area play equipment
- roads have been upgraded with gravel
- the pool washroom hydro panel has been upgraded
- 3 sections of boardwalk have been installed on the White Pine trail
- hydro and water has been installed to two overflow campsites in the woodlot campground
- woodlot campground laundry shed has been renovated with new appliances, flooring and plumbing
- 550 meters of new chip and dust trail to be developed around the perimeter of the 5-acre climate change tree growth plantation (Foundation).



L.C. Henderson Conservation Area

- campground pool has been renovated with 2 new ladders and entrance railing
- roads have been upgraded with gravel
- 10 new picnic tables have been constructed
- one shower area has been upgraded with new shower surround and ceramic tile on the floor and walls
- a new sidewalk has been installed in front of the shower areas
- two new hydro panels have been installed, one in the main washroom building and one in the campground area
- LED lighting have been installed on the main washroom building and on 2 utility poles



A.W. Campbell Conservation Area

- a new concrete side walk has been constructed at the pool washroom and visitor center
- permanent hydro (6 – 30 amp campsites) to be installed at the Campbell house group camp area
- water distribution pump house has been renovated with new internal and external siding and new internal plastic water lines
- roads have been upgraded with gravel
- 10 new picnic tables have been constructed
- upgrades have been completed at the main campground washroom (new concrete sidewalk and signage) and at the gatehouse and entrance area (new signage and fee box)



Highland Glen Conservation Area:

- approximately 40 ft of new walkway have been installed along one side of the boat ramp, this will allow for more than one boat to dock at a time
- the existing walkway has been elevated to meet rising lake levels
- an existing seawall has been repaired by excavation and installing new tie back supports

- armor stone rocks have been re-positioned to provide better protection for the steel seawall
- fees are being charged for the use of the boat ramp and vehicle entry this year
- fees are being collected through the MacKay Pay system, where payments are collected on line or by phone.
- revenue collect will be used to offset future repair costs to the ramp, seawalls and conservation area infrastructure
- to date we have had 34 seasonal boat ramp passes and 7 vehicle seasonal passes purchased (the seasonal pass can also be used to enter any of our campground conservation areas for the 2017 season)

Keith McLean Conservation Lands (Foundation Property):

- effective April 1st, Scott O'Brien was hired as the new Superintendent
- a new floor has been installed in the Kent Bridge Road pump house
- a trail identification sign has been installed at the main parking lot
- Lake Erie water levels are at a 30 year high resulting in one of the agricultural fields being partially flooded

Other Lands Activities:

- a 5-year tower lease has been negotiated with Cogeco Connexion Inc. for the existing tower & building (Peers Wetland CA)
- a bench and concrete pad has been installed along the Strathroy North Valley Lands trail
- a 3-acre wetland has been constructed at property 97 in the McKeough Upstream Lands; this included a 2 acre pond and 1,000 hardwood trees (funded by Union Gas and Wildlife Habitat Canada)
- 2 benches have been installed along the trail at the Peers Wetlands (benches donated by Sydenham Field Naturalists)
- existing tennis courts to be removed and new courts constructed at the Esli Dodge Conservation Area (project of Lambton Shores)



Marketing/Camping Statistics:

Our conservation areas have been marketed as follows to date in 2017:

- Sarnia Lambton and Chatham-Kent Tourism Guide
- camping ad has been placed on MyFm website
- Conservation Ontario – “Your Guide to Conservation Areas”
- Central Lambton Travel Guide
- Hayter Publication’s Special Editions (4) “Cottage and Campers”
- Sarnia Art Walk (Downtown Sarnia, June 3rd and 4th)
- 415 seasonal campers have registered in our 3 campgrounds, up from 413 in 2016. 189 seasonal campers are registered at Warwick (188 in 2016), 119 at LC Henderson (117 in 2016) and 107 at A.W. Campbell (108 in 2016).

2017 Conservation Area Staff

Director of Lands Kevan Baker

**A.W. Campbell
Conservation Area**

Mike Tizzard
(Superintendent)

Don Skinner (Assistant
Superintendent)

Mary Ann Niewenhuizen
(Maint. Foreperson)

Merrick Vandervaart
(Visitor Services)

Kayla Kucera (Lifeguard -
summer)

Tom Rutgers (Lifeguard-
summer)

Amy Dymond (Visitor
Services)

**Keith McLean
Conservation Lands**

Scott O’Brien
Property Overseer

**L.C. Henderson
Conservation Area**

Terry Barrie
(Superintendent)

Mark Bakelaar (Assistant
Superintendent)

Sherry Turner (Maint.
Foreperson)

Joe Breakey (Visitor
Services)

Courtney Murray
(Lifeguard – summer)

Avery Swartz (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)

Emily Leyten (Gatehouse/
Events – summer)

Open (Maintenance –
summer)

Ian Stratman
(Maintenance – summer)

Dana Jeffery (lifeguard –
summer)

Open (lifeguard – summer)



Chippewas of Kettle & Stony Point First Nation

6247 Indian Lane

Kettle & Stony Point FN. Ontario. Canada N0N 1J1

Wednesday, May 24, 2017

Chair Steve Arnold & Board of Directors

St. Clair Conservation Authority

205 Mill Pond Cres.,

Strathroy, Ontario

N7G 3P9

Dear Chair Steve Arnold & Board of Directors:

Re: Highland Glen Conservation Area

Our Council had requested Mr. Brian McDougall to attend a Council meeting to discuss a complaint from a community Fisher regarding Highland Glen's newly established boat dock fee. Council appreciated Mr. McDougall's attention to this matter as he attended our meeting on May 15, 2017.

As recommended by Mr. McDougall, I am contacting this Board to reach a resolve and to make a request for your Board's consideration to waive this fee for our Fishers who have been utilizing the Highland Glen docks specifically for fishing.

Our First Nation has for decades, continuously upheld and promoted treaty rights to hunt and fish within our traditional lands and waterways. Our Fishers believe they should not be required to pay the fee due to these rights. I and Council support their position and we hope the St. Clair Conservation Board will support our rights and agree to waive the fee.

The Chippewas of Kettle and Stony Point First Nation is willing to assist in reaching an agreement with the St. Clair Conservation Authority based on our past and on-going working relationship; which is one of great value to our community.

For further discussions or questions, please contact our First Nation Manager, Lorraine George at 519-786-2125 or myself directly at the same number. Thank you for your attention in this matter.

Sincerely,

Chief Thomas Bressette

Chippewas of Kettle and Stony Point First Nation

c: Lorraine George, FN Manager

Staff Report

7.(i)



To: SCRCA Board of Directors
 Date: June 12, 2017
 From: Steve Clark, Water Resources Specialist
 Subject: Current Watershed and Lake Conditions

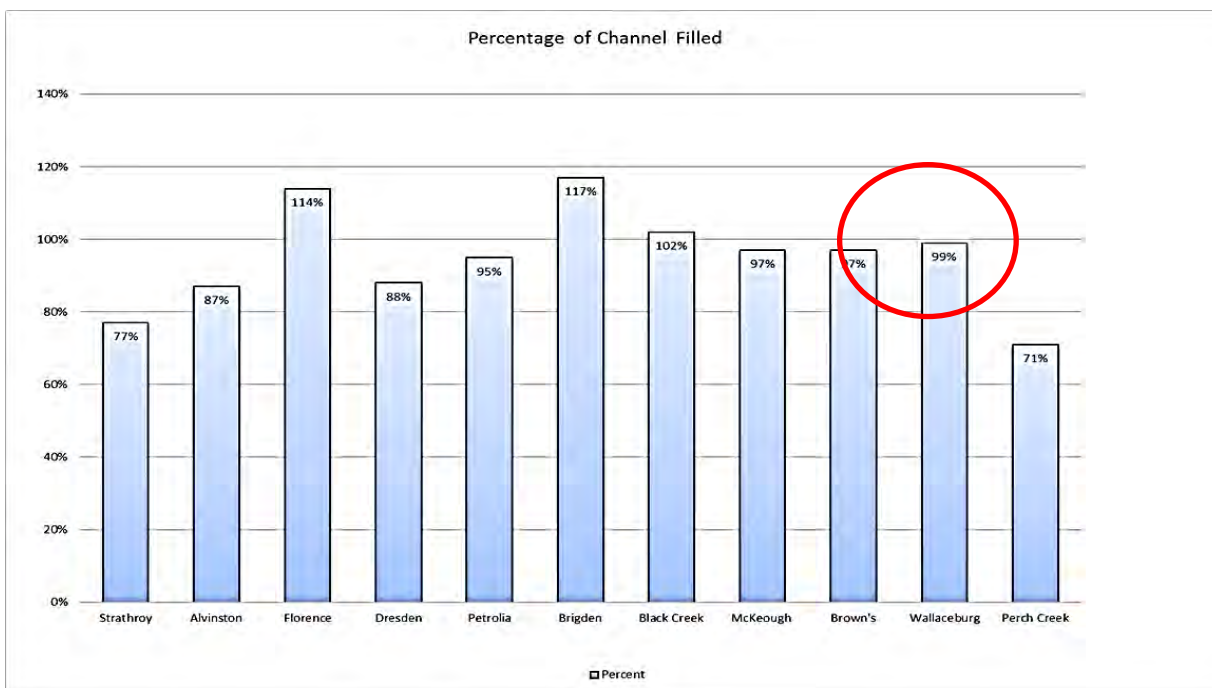
Watershed Stream Flow

Wallaceburg Flow (May Event Overview)



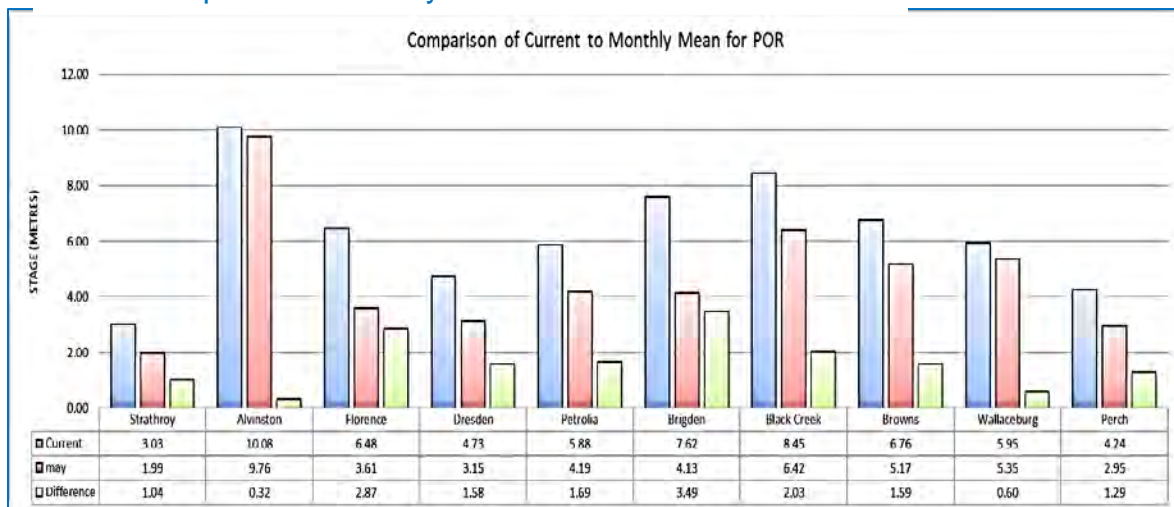
- while flow conditions remained seasonal into the month of May, two events resulted in a significant impacted on flows across the watershed in the early part of the month
- as noted in the above hydrograph for the Wallaceburg, an initial rain event in the first week (blue) brought levels up slightly but was followed by a second significant rain event (red) in excess of 70mm over a two-day period in some regions of the watershed bringing high flow conditions.
- in anticipation of potential high water conditions a Water Conditions Statement was issued May 4th following by two Flood Watch bulletins on May 5th and updated again on May 6th. During that period readings at Wallaceburg continued to be at close to top of bank for almost 48 hours while the watershed continued to drain. No additional rain was received and wind conditions remained in a favourable direction from the north-east reducing the impact of wind on outflow conditions
- flow conditions gradually returned to normal for the remainder of May and into June.

Percentage of Bankfull Conditions – All Stations (May Event Overview)



- data collected during the event peak for all stations identified the bank full conditions with several stations reporting flows into floodplain areas at Florence and Brigden as well as close to full conditions at most stations in the lower reaches of the watershed. Peaks had already subsided in the upper reaches in Strathroy, Alvinston and Petrolia. As noted previously, Wallaceburg remained at 99% full for a period of several days (red)

Flow Compared to Monthly Means for Period of Record

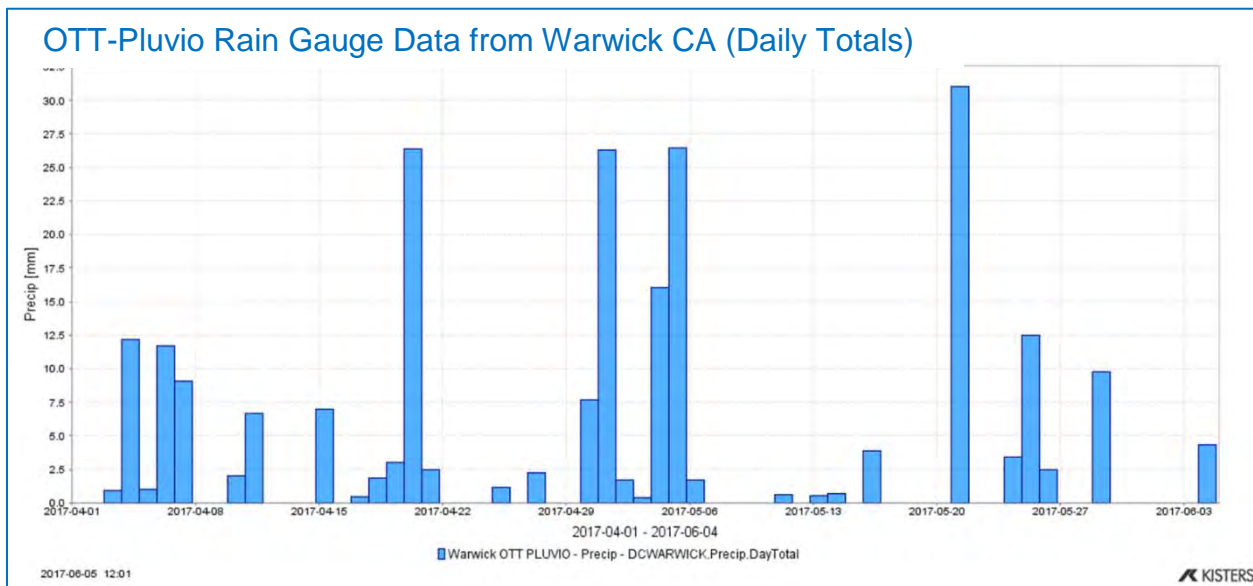


- comparison of actual monthly flows with period of record identifies significantly greater flow conditions for this May ranging from 30% to 60% higher than expected

Precipitation Conditions

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
Last Quarter	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
May	100.5	69.9	135.2	74	133.4	82.9	100.4	80.8
April	80.5	75.4	110.3	84	113	82.2	93.4	85.1
March	66.7	62.6	69	74.9	77.9	78.4	104.6	75
Averages								
last 3 month totals	247.7	207.9	314.5	232.9	324.3	243.5	298.4	240.9
last 3 month % of normal	119.1%		135.0%		133.2%		123.9%	
regional average	127.8%							
last 6 month totals	416.4	370.8	380.9	469	425.6	469.9	413.8	405
last 6 month % of normal	112.3%		81.2%		90.6%		102.2%	
regional average	96.6%							
last 12 month totals	798.4	846.8	922.6	945.1	1003.5	987	979.1	918.4
last 12 month % of normal	94.3%		97.6%		101.7%		106.6%	
regional average	100.0%							

- with the significant rain events, regional averages are now higher moving into the summer months with the three-month average benefitting from higher May numbers at 127% of normal. Numbers for six months are slightly lower than normal due to lower amounts in the upper parts of our region. Accumulation averages for the last twelve months are right on the 100% values. This is encouraging considering the impact of drought conditions experienced during 2016.



- precipitation values logged at our hi-resolution precipitation station identify rainfall patterns during April and May with greater accuracy than previously possibly. New installations are planned at Alvinston with an a similar Ott-Pluvio device combined

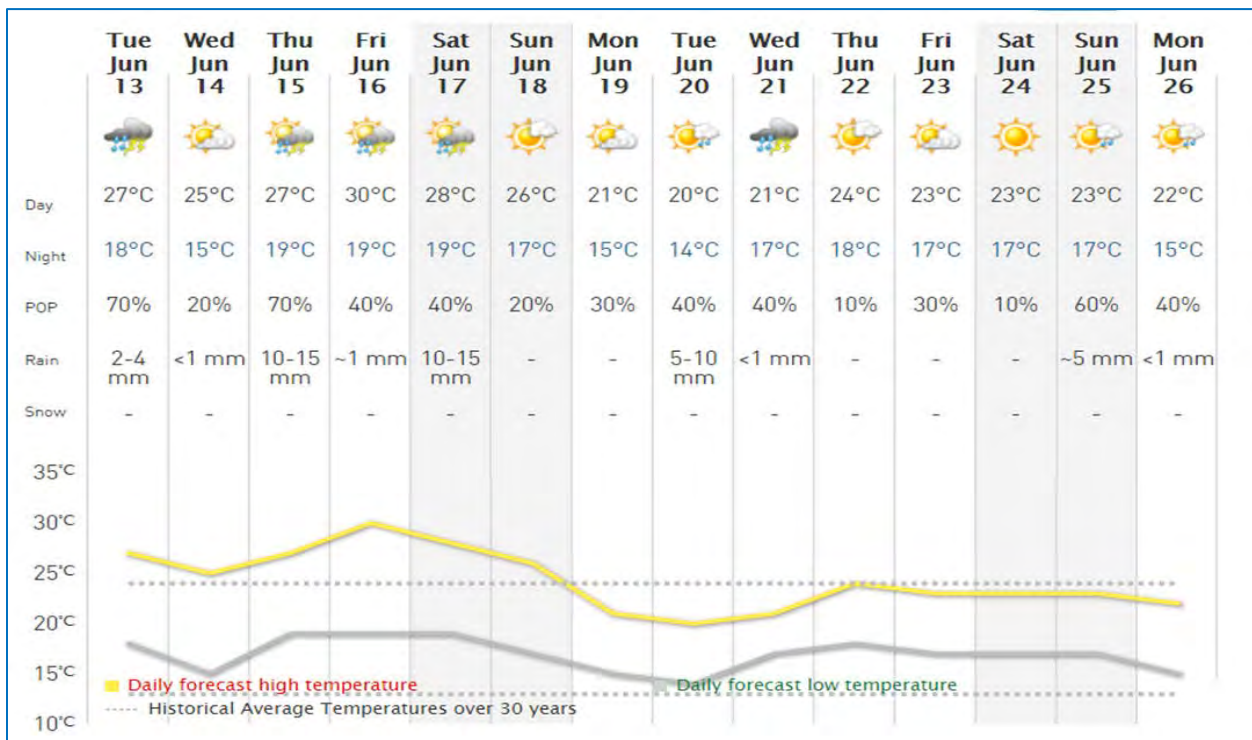
with a new weather station and automated snow measurement equipment as part of the second year of a program of MNRF equipment allocations to regional CA's.

Flood Threat

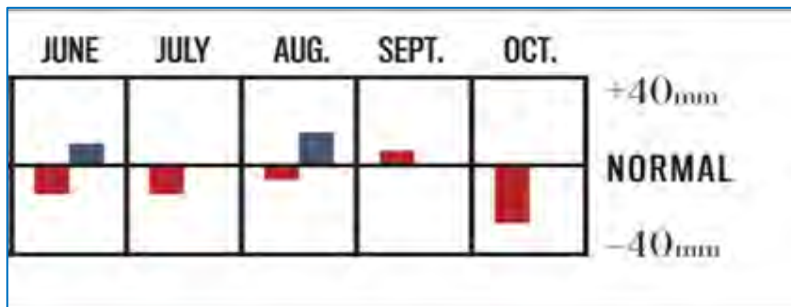
Based on current conditions we continue to monitor any major rain events as they occur. River levels and weather patterns are anticipated to stabilize into the summer months and these are expected to prevail with seasonal flows remaining in the average range. Advisories will be provided as conditions dictate.

Weather Forecast (Weather Network data)

- short term conditions indicate slightly above near normal temperatures for the remainder of June with near normal precipitation.



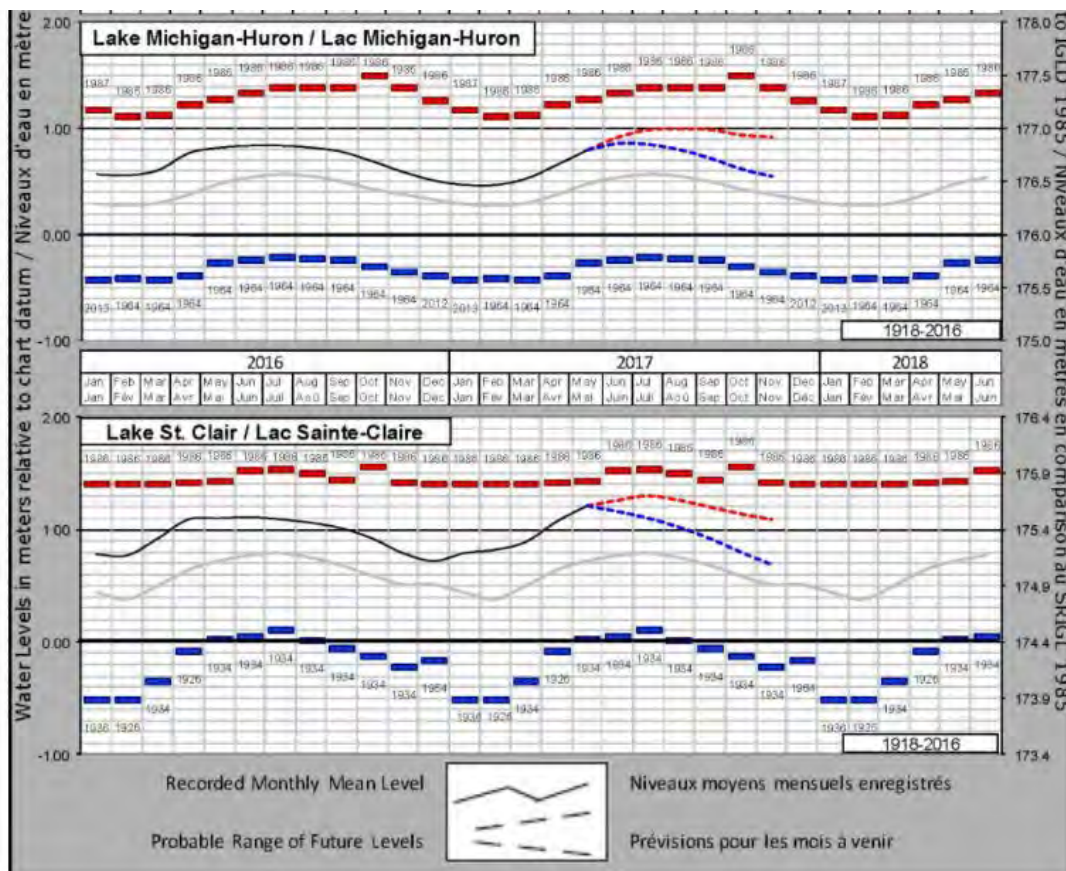
- Longer term forecasts into the summer months suggest average temperatures with below average precipitation (blue) and slightly below average temperatures



Great Lakes Levels (Canadian Hydrometric Data – May 2017)

The monthly comparison for May 2017 (current available data) indicates that Lake Huron levels very close (2cm) to May 2016 suggesting a slight stabilizing trend in local lake levels possibly due to reduced 2016/17 snowpack in the north and significant drought conditions in 2016. Numbers continue to remain above the 10 year average for Lake Huron by **57cm**. Lake St. Clair levels are higher than last year (11cm) and **51cm** above the 10 year average. Both Lake Huron and Lake St. Clair current values (May) continue to 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	Change Current compared to 10 year	Anticipated Next Month	Average for Month for Period of Record
Lake St. Clair							
Metric (m)	175.61	175.5	0.11	175.10	0.51	175.62	175.12
Imperial (ft)	576.15	575.79	0.36	574.47	1.67	576.18	574.54
Lake Huron							
Metric (m)	176.8	176.82	-0.02	176.23	0.57	176.89	176.48
Imperial (ft)	580.05	580.12	-0.07	578.18	1.87	580.35	579.00



Staff Report

7.(ii)



To: Board of Directors
 Date: June 7, 2017
 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.
- all the Projects submitted for WECI funding has been approved
- following 9 projects were approved for **2017- 2018**.

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Requested (\$)
Courtright Park	Courtright Park Shoreline restoration	Shoreline work at Courtright Park along St. Clair River using armourstone and riprap.	\$600,000	\$300,000
Sarnia Shoreline Protection	Shoreline Repair (Helen and Kenwick St) Phase 1	Carry out construction of Phase 1 from the recommendation of engineering study.	\$600,000	\$300,000
Esli Dodge Dam	Esli Dodge Repair Project	Repair of Concrete cable/retaining wall	\$20,000	\$10,000
L.C.Henderson Weir #1	L.C.H. Outfall Repair Project	Spillway Repair	\$30,000	\$15,000
W. Darcy McKeough Dam	Drop Structure Downstream Erosion Control	Install rip rap at outlet park	\$80,000	\$40,000
W. Darcy McKeough Dam	Vegetation Management Plan	Develop a vegetation management plan for vegetation control within the floodway channel	\$20,000	\$10,000
W. Darcy McKeough Dam	Watercourse Obstruction Removal	Vegetation and debris jam to be removed	\$16,000	\$8,000
W. Darcy McKeough Dam	McKeough Sill Repair	Crack repair to McKeough Dam sill	\$30,000	\$15,000
W. Darcy McKeough Dam	Wing wall repair	Repair cracks in the concrete Wing wall	\$30,000	\$15,000

Staff Report

7.(iii)

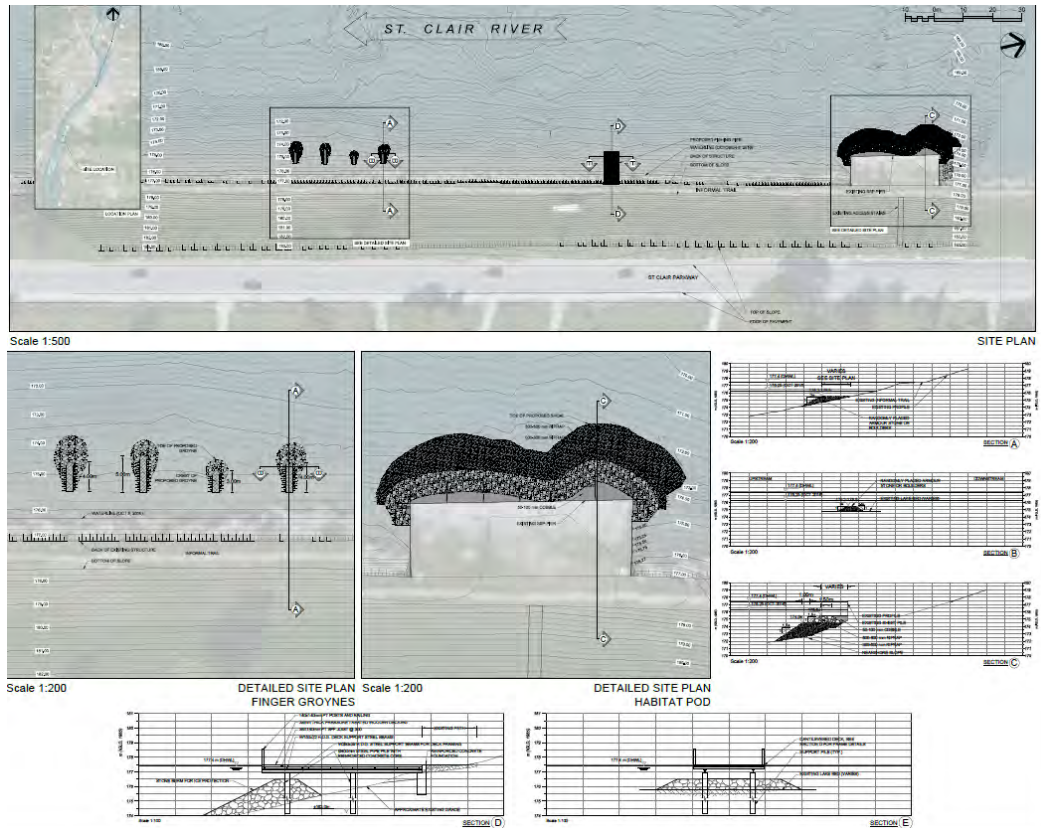


To: Board of Directors
 Date: June 8, 2017
 From: Girish Sankar, Director of Water Resources
 Subject: Aamjiwnaang Shoreline Project

Aamjiwnaang Shoreline Naturalization

The project site is located just north of Corunna, Ontario. The site includes the shoreline of approximately 2 kilometers along the Aamjiwnaang First Nation Lands fronting the St. Clair River. The bank is in the order of 10 meters high. The current shoreline of the site, for the most part is protected with rip rap or armour stone revetment. There are some steel sheet structures, docks and a launch ramp within this part of the shoreline. A walkway runs along most of the shore behind the protected shoreline.

The purpose of the undertaking is to develop concepts that would “soften” and naturalize the shoreline. This project will also include shoreline work that will improve shoreline access, enhance aquatic habitat and provide general improvements to the existing shore along the entire project site.



Project Highlights

- habitat pod
- finger groynes
- fishing pier

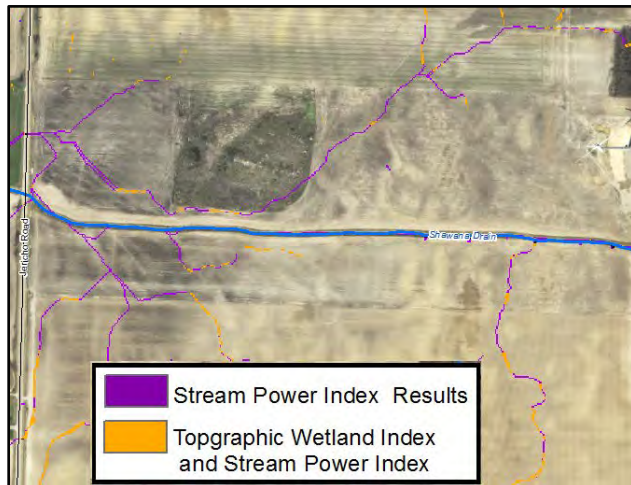
- ❖ a budget of \$155,000 has been confirmed for the project (EC 50,000, Aamjiwnaang FN - \$80,000 and MOECC - \$25,000)
- ❖ staff are coordinating with federal agencies to secure permits for the shoreline work
- ❖ 5 Tender takers for this project and 3 tenders were submitted
- ❖ tender submissions were significantly higher than the total budget for this project
- ❖ project scope was reduced to ensure 2 out of 3 features of this shoreline project can be completed
- ❖ revised bids have been received
- ❖ staff are discussing these updates with AFN to get their approval to proceed with the work.
- ❖ Further information will be provided verbally at the Board meeting

Staff Report

8.(i)



To: Board of Directors
 Date: June 5, 2017
 From: Laura Biancolin, Agriculture Outreach Technician
 Subject: Healthy Watersheds Program - Outreach



GIS Procedure for Locating Agricultural BMPs in a Lambton Shores sub-watershed Using a 2m resolution Digital Elevation Model (DEM), two derivative indices were created to identify areas with potential erosion. Stream Power Index (SPI) is a measure of a water body's erosion power and can be used to predict locations where gullies are likely to occur. SPI is calculated

based on slope and contributing area. Topographic Wetness Index (TWI) uses similar data sets as SPI but can be used to predict areas of surface saturation.

Walk the Watershed 2017 Walk the Watershed (WTW) is a program in which landowners voluntarily allow SCRCA staff to walk their property. Our goal is to walk with the landowner if possible so that we



can understand the overland flow of water in the watershed as well as discuss potential projects. This year's Walk the Watershed will focus on the drains in the headwaters of Shashawandah Creek, focusing on the Russel Drain, Shawana Drain, and Sloan Russel Drain. Over

20 landowners have been contacted. Overall, the response has been great, some landowners already have multiple erosion control projects in mind. Walk the Watershed will happen during the 2nd week of June.



Application of SPI and TWI New to this year's WTW, staff will bring aerial maps overlaid with the SPI and TWI indices. This provides staff (and landowners) a good opportunity to

ground truth the data with what they see on the land combined with the landowner's experience.

Staff Report

8.(ii)



To: Board of Directors
 Date: June 5, 2017
 From: Erin Carroll, Manager of Biology
 Kelli Smith, Watershed Biologist
 Greg Wilcox, Biological Technician
 Subject: Water Quality Monitoring, Watershed Reporting, Reptile At Risk Project Update and Related Community Engagement

Aquatic Monitoring and Reporting

Watershed Report Cards - Watershed report cards production is underway. A multi-departmental committee is pulling together data, maps, and write-up relating to groundwater, surface water, forest conditions. Release is scheduled for World Water Day, March 22, 2017.

St. Clair River AOC Fish and Wildlife Habitat Conservation Plan - A Fish and Wildlife Habitat Conservation Plan for the St. Clair River Area of Concern (AOC) is scheduled for completion in December 2017. This report is required for the eventual delisting of the AOC. The draft plan summarizes the current status of aquatic habitat, highlights successful coastal wetland projects, identifies linkages to broader initiatives, identify tools for future aquatic conservation, and identifies next steps for aquatic conservation in the St. Clair River AOC.

Benthic Macro-invertebrates (aka river bottom critters) - Benthic collection was completed through the first part of May. The assortment of invertebrates found on the river bottom are used to indicate the health of SCRCA subwatersheds. Based on the pollution tolerance of the animals at a particular site, a score can be determined and used for calculating watershed report cards grades.

Fish Monitoring in the St. Clair River AOC - So far this spring, biology staff have performed fish sampling at eight sites in the St. Clair River Area of Concern (AOC). Our biologists caught 40 different species and a total of 4,119 fish. Fish Species at Risk (SAR) like the Blackstripe Topminnow and Spotted Sucker (pictured below) were found at four of the eight sampling sites. These fish monitoring efforts in the AOC are supported by the Ontario Trillium Foundation.



http://www.dfo-mpo.gc.ca/species-especes/images/identify/sucker-meunier_2.jpg

Ontario Community Environment Fund (OCEF) – When a spill or environmental impact occurs, or when Ontario’s environmental rules are not followed, environmental penalties may be issued. The Ontario Community Environment Fund uses money collected from these penalties to support environmental improvement projects in the watershed where a violation or environmental impact happened. In 2017 SCRCA was awarded funds supporting surface water quality monitoring, benthic monitoring, watercourse temperature monitoring, and tree planting. All components of this project are underway this Spring.

Ontario Trillium Foundation (OTF) - SCRCA in partnership with the Friends of the St. Clair River are in year 2 of a 3 year grant. As well as fish monitoring, OTF funds support mussel monitoring, temperature monitoring, benthic monitoring, stewardship projects, and education programs. Mussel monitoring has just begun in 2017 and another important sighting has occurred.



Above left: Lilliput (2017)– only live sighting on the North Sydenham in over 15 years
 Above right: Fawnsfoot (2016) – only live sighting on the North Sydenham

Biological Inventories - St. Clair Region Conservation staff helped Waste Management with biological inventories to attain their Canadian Wildlife Habitat certification.



A highlight of the biological inventories conducted for Waste Management was a pair of calling Bobolinks. Bobolink is a medium size songbird found in grasslands and hayfields. It is considered “Threatened” in Ontario because Bobolink populations have declined considerably over the past century.

Community Engagement

Ontario Nature Partnership - SCRCA has partnered with Ontario Nature in relation to the stewardship of the newly acquired Sydenham Nature Reserve that is located just south of Alvinston.

- The official opening ceremony took place May 7. SCRCA and Fisheries and Oceans Canada (DFO) hosted a mussel demonstration for the approximately 100 participants that day.
- May 14-15 SCRCA and DFO conducted fish inventories at the property.
- May 16-17 SCRCA, Ontario Nature and along with expert botanists, ornithologists, and malacologists conducted a Bioblitz of the property. Funding for the event was provided by TD Friends of the Environment Foundation

St. Clair Conservation together with Ontario Nature is working to inventory the recently secured 193 acre Sydenham Nature Reserve. Together the groups hosted a two-day BioBlitz sponsored by TD Friends of the



Environment Foundation. This giant sycamore tree is just one of many biological treasures located on the site known for its tremendous aquatic and terrestrial biodiversity. Photo credit: Aleta Karstad

Art Walk – Staff participated in Artwalk in Sarnia on June 3rd and 4th. Many visitors stopped by the booth and were enticed and intrigued by our Eastern Foxsnake and Snapping Turtle. Staff discussed our reptile monitoring program and other biological monitoring conducted by the SCRCA.

Sarnia Pond Club Talk – May 2, staff were invited to do a talk at the Sarnia Pond Club. The slide presentation focused on rare species and the work SCRCA is doing to protect them.

Upcoming Events – July 14th at Warwick Conservation Area and July 28th at A.W Campbell Conservation Area staff will be conducting aquatic BioBlitz's. A BioBlitz is a detailed study of biodiversity in a specific location over a specified period of time. We'll look for fish, mussels, stream critters, and more. Registration is through our events page on the website.

August 25th at A.W. Campbell biology staff will also be hosting a Turtle Birthday Party. This is an opportunity to educate the community about our local turtle species and highlight our work with the Spiny Softshell Turtle and other turtle species at risk.

Staff Report

8.(iii)



To: Board of Directors
 Date: June 7, 2017
 From: Jessica Van Zwol, Healthy Watershed Specialist
 Subject: Healthy Watersheds Program Update

Species at Risk workshop – Coldstream, May 24

Each year, the Coldstream Public Library invites SCRCA staff to lead a wetlands/aquatic workshop. This year, we focused on Species at Risk from mussels to turtles to fish. The evening event, geared to families, began with an in class portion led by Erin Carroll and then the group made it's way down to Coldstream CA. After Jessica Van Zwol and Erin Carroll demonstrated some of the biological monitoring techniques that staff use, children were encouraged to participate and find their own creek critters. We had about 30 adults and children attend the event. Only one child got completely soaked but all went home smiling and soggy!



The event was funded through TD Friends of the Environment, Environment Canada Habitat Stewardship Program – Species at Risk stream, Ministry of Natural Resources and Forestry's Species at Risk Stewardship Fund

Healthy Lake Huron Update meeting – Tiverton, May 30

After 5 years of implementation, the Healthy Lake Huron committee, made up of Conservation Authorities, MOECC, Environment Canada, county planners and health units, and Lake Huron



environmental NGOs, discussed the future direction of Healthy Lake Huron. The group shared highlights of how the campaign has been a success. Going forward, the group will determine how best to focus funding to priority watersheds and Lake Huron Tributaries. The continuation of water quality monitoring was discussed and unanimously agreed upon for the creation of long term databases.

Staff Report

9.(i)



To: Board of Directors
 Date: June 9, 2017
 From: Steve Shaw, Conservation Services Department
 Subject: Conservation Services Spring Tree Planting Projects

Seedling/Reforestation program

- tree seedlings arrived on April 24th as normal for spring delivery time.
- SCRCA crews planted 95,000 trees for 33 separate projects on private and industrial lands.
- 2000 trees were planted for MTO along Hwy 402 again this year
- 15,000 more trees planted at the Union Gas Lobo compressor site
- 4000 trees planted at the First Solar farm in Sarnia
- two tractor-mounted mechanical tree planters and one 4 person hand planting crew were used to plant seedling trees during one the wettest spring planting seasons we have ever seen.
- approximately 30,000 trees had to be planted by hand in locations where tractors could not operate or were too wet to plant with heavy equipment.
- another 6000 trees were ordered for 40 landowners to plant on their own.
- 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 services and long term vegetation management.
- all sites were sprayed with a pre-emergent herbicide soon after planting.
- another 200,000 trees were resprayed with herbicide this spring on sites that were planted in 2014, 2015 and 2016.
- planting operations were delayed on several occasions this year due to the cold wet month of May. However, tree planting was completed on June 2nd – same as last year.



Large Stock/ Municipal tree program

- approximately 800 large stock potted and bare root trees were purchased by landowners this spring for windbreak and roadside tree planting
- Brooke-Alvinston purchased approximately half of the trees for municipal residents to pick up and plant plus another 100 more trees planted by SCRCA staff. Brooke-Alvinston provides a financial incentive for landowners interested in purchasing and planting their own trees.
- 10 other individual landowners from across the watershed purchased trees.
- price quotes were obtained from 2 wholesale tree nurseries and trees were purchased from both nurseries.



Staff Report

9.(ii)



To: Board of Directors
 Date: June 9, 2017
 From: Steve Shaw, Conservation Services Department
 Subject: West Nile Virus - Lambton County Mosquito Control Program

- * our three-year contract with the County of Lambton to conduct a mosquito larva control program ended in 2015 but had an option to be extended an extra 2 years. This is the final year of the extension for catch basin larvicide treatments for the Lambton Public Health West Nile virus control program.
- * six summer staff from the watershed services department will be treating approximately 16,000 catch basins with a mosquito growth regulator.
- * four staff will be working out of the Strathroy office and 2 staff will be working out of the W. Darcy McKeough Dam to cover the south west end of the County.
- * pre-treatment larva sampling has been scheduled for the week of June 12th to determine mosquito activity.
- * results will be 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 permits to apply methoprene and Bti:
- * Kettle Point and Aamjiwnaang First Nations will be contacted and offered the service again this year. MOECC permits are not required for these.
- * Methoprene pellets will be applied to approximately 15,000 catch basins with 3 separate treatments spread out at 21 day intervals throughout the summer. Another 1500 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 finish around the 15th of August.
- * some efficacy testing may take place this year to monitor how well pellets and briquettes are controlling mosquito populations. SCRCA staff will conduct the sampling work.



ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT

May 31, 2017

TO: SCRCA Chair and Board of Directors

SUBJECT: Administration – Section 28 Status Report – Development, Interference of Wetlands and Alteration to Shorelines Watercourses Regulation

FROM: 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, 2017 to May 31, 2017.

April 1, 2017 to April 30, 2017

Application No.	Applicant and Subject Property	<p align="center">Proposed Works <i>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.</i></p>	Submission Complete:
			Permit Issued:
11228Q Amended	North Kent Wind 1 LP Cedar Hedge Line –T23 Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Road Entrance Access Culvert • Part of North Kent Wind Energy Project • Plans prepared by AECOM 	04/04/2017
			18/04/2017
11228R Amended	North Kent Wind 1 LP Caledonia Road – T12 Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Road Entrance Access Culvert • Part of North Kent Wind Energy Project • Plans prepared by AECOM 	11/04/2017
			18/04/2017
11242	8324 Glendale Drive Mun. of Lambton Shores	<ul style="list-style-type: none"> • Addition & Renovation of Health Centre • Proposed works are outside erosion hazard and est. floodplain • Proposed works are greater than 15m from wetland boundary 	13/03/2017
			05/04/2017
11243	10447 Ivan Drive Mun. Middlesex Centre	<ul style="list-style-type: none"> • Construction of an Inground Swimming Pool • Proposed works are outside the 3:1 stable slope plus 30m • Proposed works are appropriately floodproofed 	22/03/2017
			06/04/2017

11245	4648 LaSalle Line Township of Enniskillen	<ul style="list-style-type: none"> • Construction of an Addition • Proposed works are outside the 3:1 stable slope + 15m toe erosion allowance • Proposed works does not aggravate erosion processes 	15/03/2017
			04/04/2017
11246	9753 Glasgow Line Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of New Single Family Dwelling • Proposed works include engineered floodproof design • Proposed works are a suitable setback from the watercourse 	06/02/2017
			05/04/2017
11247	4366 North Street Township of Enniskillen	<ul style="list-style-type: none"> • Construction of New Single Family Dwelling • Proposed works are outside 3:1 stable slope + 15m erosion setback + 6m allowance for access • Proposed works will not increase the Erosion Hazard 	18/04/2017
			18/04/2017
11248	Ilderton Road Mun. Middlesex Centre	<ul style="list-style-type: none"> • Construction of laneway, access culverts, dwelling & shop • Proposed works will not affect flood elevations or flow US/DS • Proposed works are supported by HydroG Report 	30/03/2017
			18/04/2017
11249	Lambton Line Township of Dawn-Euphemia	<ul style="list-style-type: none"> • Bridge Rehabilitation • Repaired bridge will have the same flow dimension as the existing structure and will not impact flood elevations US/DS • Appropriate sediment and erosion methods to be installed 	13/03/2017
			13/04/2017
11250	26668 WinterLine Road Geo. Twp. Dover	<ul style="list-style-type: none"> • Construction of New Single Family Dwelling • Minimum floodproofing elevations and certification that these are met are a condition of the permit • Proposed works will not impact flooding or erosion 	30/03/2017
			18/04/2017
11251	Tramway Road Mun. Chatham-Kent	<ul style="list-style-type: none"> • Bridge Rehabilitation • Repaired bridge will have the same flow dimension as the existing structure and will not impact flood elevations US/DS • Appropriate sediment and erosion methods to be installed 	15/03/2017
			19/04/2017
11252	9815 Gold Creek Road Mun. Middlesex Centre	<ul style="list-style-type: none"> • Construction of An Attached Garage • Proposed works are outside 3:1 stable slope + 6m from TOB 	05/04/2017
			20/04/2017
11253	4875 Michigan Line Town of Plympton-Wyoming	<ul style="list-style-type: none"> • Minor Porch Replacement & Porch Addition • Proposal will not negatively affect flooding or erosion • Proposed works maintain suitable setback from watercourse 	26/04/2017
			27/04/2017

May 1, 2017 to May 31, 2017

Application No.	Applicant and Subject Property	<p style="text-align: center;">Proposed Works</p> <p style="text-align: center;"><i>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.</i></p>	Submission Complete:
			Permit Issued:
11228g Amended	North Kent Wind 1 LP Countryview Line Mun. Chatham-Kent	<ul style="list-style-type: none"> Construction of Road Entrance Access Culvert Part of North Kent Wind Energy Project Plans prepared by AECOM 	24/05/2017
			24/05/2017
11236	804 Rokeby Line St. Clair Twp	<ul style="list-style-type: none"> Proposed Polyethylene Facility Project; 	10/05/2017
			17/05/2017
11254	Hull Road, Victoria Street Mun. Strathroy-Caradoc	<ul style="list-style-type: none"> Culvert Replacement, Service Line Installation Plans prepared by BM Ross Engineering; 	01/05/2017
			04/05/2017
11255	11 Bayview Street Mun. Chatham-Kent	<ul style="list-style-type: none"> New Garage and Addition to Dwelling; Plans completed by Dave Polowick Design; 	05/05/2017
			09/05/2017
11256	3118 Douglas Street Twp. Plympton-Wyoming	<ul style="list-style-type: none"> Construction of Dwelling and Shoreline Protection; Detailed Drawings completed by TBouma Design and Drafting; Detailed Design completed by Shoreplan Engineering Ltd.; 	09/05/2017
			10/05/2017
11257	5372 Egremont Drive Geo. Twp. Lobo	<ul style="list-style-type: none"> Construct New Dwelling and Garage; Plans completed by View-It Design; 	10/05/2017
			11/05/2017
11258	North Kent Wind 1 LP 9525 Eberts Line Mun. Chatham-Kent	<ul style="list-style-type: none"> Construction of Substation; Part of North Kent Wind Energy Project Plans prepared by AECOM 	06/04/2017
			11/05/2017
11259	5783 Camlachie Road Twp. Plympton-Wyoming	<ul style="list-style-type: none"> Construction of an Addition; Plans completed by Reinders and Rieder Ltd. 	02/05/2017
			18/05/2017
11260a	North Kent Wind 1 LP Lot 18, Con BDW, Dover Mun. Chatham-Kent	<ul style="list-style-type: none"> Construction of Roads, Turbine, Collection System; Part of North Kent Wind Energy Project Plans prepared by CIMA; 	06/04/2017
			29/05/2017

11260b	North Kent Wind 1 LP Lot 2, Con 12, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260c	North Kent Wind 1 LP Lot 2, Con 11, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260e	North Kent Wind 1 LP Lot 2, Con 14, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260g	North Kent Wind 1 LP Lot 7, Con 7, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260h	North Kent Wind 1 LP Lot 11, Con 9, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260i	North Kent Wind 1 LP Lot 12, Con 9, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260p	North Kent Wind 1 LP Lot 9, Con 6, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260q	North Kent Wind 1 LP Lot 9, Con 7, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11260r	North Kent Wind 1 LP Lot 6, Con 8, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Construction of Roads, Turbine, Collection System; • Part of North Kent Wind Energy Project • Plans prepared by CIMA; 	06/04/2017
			29/05/2017
11261	1070 Bruce Street City of Sarnia	<ul style="list-style-type: none"> • Construction of New Dwelling; • Plans completed by TBouma Design and Drafting; 	10/05/2017
			26/05/2017
11262	1182/1382 Plank Road City of Sarnia	<ul style="list-style-type: none"> • New Outlet and Culvert Construction; • Plans completed by Plains Midstream Canada/Golder 	19/04/2017
			30/05/2017
11263	Lot 12, Con 1 GORE, Chatham Mun. Chatham-Kent	<ul style="list-style-type: none"> • Dundas Bridge Rehabilitation; • Plans completed by GM BLuePlan Engineering; 	03/05/2017
			30/05/2017
11265	Weidman Line	<ul style="list-style-type: none"> • Culvert Replacement; 	18/05/2017

	Mun. Brooke-Alvinston	<ul style="list-style-type: none"> Plans completed by Public Works, Mun. Brooke-Alvinston; 	31/05/2017
11266	Sutorville Road Mun. Brooke-Alvinston	<ul style="list-style-type: none"> Culvert Replacement; Plans completed by Public Works, Mun. Brooke-Alvinston; 	18/05/2017
			31/05/2017

Total No. of Application = 37

Average No. of Days for SCRCA to Issue Permit = 27 Days

Permit Review Timelines are outlined in the document "*Policies and Procedures for Conservation Authority Plan Review and Permitting Activities*" Final Version May 2010, completed by the Conservation Authority Liaison Committee (CALC). In this document it states;

- CAs are to make a decision (i.e. recommendation to approve or referred to a Hearing) with respect to a permission (permit) application and pursuant to the CA Act within 30 days for a minor application and 90 days for a major application.

Recommended and Approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT- VIOLATIONS AND CORRECTIVE ACTIONS

May 31, 2017

TO: SCRCA Chair and Board of Directors

SUBJECT: Enforcement- Section 28 Status Report – Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation

FROM: Dallas Cundick, Environmental Planner/Regulations Officer

File	Background
FV # 201604 Lot 8, Con Front, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized New Groyne Construction; • On Crown Land, MNRF requiring permit under <i>Public Lands Act</i>; • SCRCA working with landowner on application for works undertaken;
FV # 201605 Lot 7, Con 10, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Deck Construction; • SCRCA working with landowner on application for works undertaken;
FV # 201606 Lot 7, Con 10, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Deck Construction; • SCRCA working with landowner on application for works undertaken;
FV # 201610 Lot 39, Con Front, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Shoreline Protection Works; • SCRCA is investigating further with solicitor; • Notice of Violation sent to Contractors;
FV # 201701 Lot 6, Con 19, Bosanquet Lambton Shores County of Lambton	<ul style="list-style-type: none"> • Unauthorized Dune Grading Works; • SCRCA working with MNRF; • SCRCA to send violation notice;

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 2017 10.(ii)

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 2017	ADELAIDE-METCALFE	ADELAIDE	LOT 27	CON 2 SER	BATTERY COURT
LL 2017	ADELAIDE-METCALFE	ADELAIDE	LOT 3	CON 4 SER	NAPPERTON DRIVE
SEV B05/2017	ADELAIDE-METCALFE	ADELAIDE	LOT 28	CON 1 NER	HANSFORD ROAD
LL 2017	CHATHAM-KENT	CHATHAM	LOT 3	CON 4 GORE	LANGSTAFF LINE
SEV B001/2017	DAWN-EUPHEMIA	DAWN	LOT 16	CON 6	LAMBTON LINE
VAR A001/2017	DAWN-EUPHEMIA	DAWN	LOT 22	CON 1	DAWN VALLEY ROAD
SEV B001/2017	ENNISKILLEN	ENNISKILLEN	LOT 11	CON 3	OIL SPRINGS LINE
FI 2017	ENNISKILLEN	ENNISKILLEN	LOT 13	CON 5	TILE YARD ROAD
VAR A05/2017	LAMBTON SHORES	BOSANQUET	LOT 4	CON 19	FOSTER CRESCENT
FI 2017	LAMBTON SHORES	BOSANQUET	LOT 77	CON WEST OF LAKE	CEDARVIEW DRIVE
VAR A08/2017	LAMBTON SHORES	BOSANQUET	LOT 5	CON 19	WEST PARKWAY DRIVE
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 16	CON 8	IVAN DRIVE
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 18	CON 8	IVAN DRIVE
SEV B02/2017	PETROLIA	ENNISKILLEN	LOT 15	CON 11	NORTH STREET
VAR A06/2017	PLYMPTON-WYOMING	PLYMPTON	LOT 48	CON FRONT	HILLSBORO ROAD
FI 2017	SARNIA	SARNIA	BLOCK B 0		PLANK ROAD
SEV B9/2015	SARNIA	SARNIA	LOT 56	CON 9	BRUCE STREET
SEV B05/2017	SARNIA	SARNIA	LOT 16	CON 2	CHURCHILL ROAD
VAR A14/2017	SARNIA	SARNIA	LOT 64	CON 9	BEACH LAND
SEV B06/2017	SARNIA	SARNIA	LOT 61	CON 9	TUDOR CLOSE WEST
VAR A12/2017	SARNIA	SARNIA	LOT 62	CON 9	CATHCART BOULEVARD
VAR A11/2017	SARNIA	SARNIA	LOT 22	CON 7	COLBORNE ROAD
VAR A13/2017	SARNIA	SARNIA	LOT 39	CON 9	LAKESHORE ROAD
GI 2017	SARNIA	SARNIA	LOT 63	CON 9	BEACH LANE
LL 2017	SOUTHWEST MIDDLESEX	EKFRID	LOT 5	CON 2	SPRINGFIELD ROAD
VAR A09/2017	ST. CLAIR	SOMBRA	LOT B	CON 14	ST. CLAIR PARKWAY
EA 03 2017	ST. CLAIR	SOMBRA	LOT 23	CON 9	
FI 2017	ST. CLAIR	MOORE	LOT 12	CON 1	WAUBUNO ROAD
SUB 38T-16002	ST. CLAIR	MOORE	LOT 27	CON 11	BAYHILL ROAD
GI 2017	ST. CLAIR	SOMBRA	FAWN	ISLAND	GEORGE ROBERTSON
VAR A11/2017	ST. CLAIR	MOORE	LOT 6	CON 5	COURTRIGHT LINE
SEV B03/2017	WARWICK	WARWICK	LOT 30	CON 1 SER	EGREMONT ROAD

SCRCA Planning Activity Summary for the month of May 2017

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
VAR A02/2017	ADELAIDE-METCALFE	ADELAIDE	LOT 21	CON 3 SER	CENTRE ROAD
SEV B07/2017	ADELAIDE-METCALFE	METCALFE	LOT 18	CON 13	WALKERS DRIVE
ZBA 01A 2017	ADELAIDE-METCALFE	ADELAIDE	LOT 26	CON 2 SER	SECOND STREET
LL 2017	ADELAIDE-METCALFE	ADELAIDE	LOT 27	CON 2 SER	HICKORY DRIVE
GI 2017	ADELAIDE-METCALFE	ADELAIDE	LOT 27	CON 2 SER	HOEFNAGELS CRESCENT
SUB 39T-AM1301	ADELAIDE-METCALFE	ADELAIDE	LOT 26	CON 2 SER	SECOND STREET
VAR A001/2017	DAWN-EUPHEMIA	DAWN	LOT 31	CON 7	EDYS MILLS LINE
GI 2017	ENNISKILLEN	ENNISKILLEN	LOT 16	CON 1	OIL HERITAGE ROAD

FI 2017	LAMBTON SHORES	WARWICK	LOT 3	CON 8	NER	KING STREET
SEV B10/2017	MIDDLESEX CENTRE	LONDON	LOT 28	CON 11		DENFIELD ROAD
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 8	CON 8		COLDSTREAM ROAD
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 8	CON 9		QUAKER LANE
VAR A07/2017	PLYMPTON-WYOMING	PLYMPTON	LOT 22	CON 8		FISHER LINE
FI 2017	SARNIA	SARNIA	BLOCK B 0			PLANK ROAD
ZBA 4/2017	SARNIA	SARNIA	LOT 20	CON 6		LONDON ROAD
VAR A22/2017	SARNIA	SARNIA	LOT 63	CON 9		CHARLESWORTH DRIVE
SEV B07/08/09/		SARNIA	SARNIA	LOT 31		CON 9 BLACKWELL Rd
VAR A21/2017	SARNIA	SARNIA	LOT 50	CON 9		BLACKWELL ROAD
VAR A23/2017	SARNIA	SARNIA	LOT 61	CON 9		MATHEWS AVENUE
FI 2017	SARNIA	SARNIA	LOT 54	CON 9		MICHIGAN AVE
VAR A20/2017	SARNIA	SARNIA	LOT 19	CON 7		LYNDALE CRESCENT
ZBA 2017	SOUTHWEST MIDDLESEX	MOSA	LOT 10	CON 4		KNAPDALE DRIVE
SEV B01/2017	SOUTHWEST MIDDLESEX	MOSA	LOT 17	CON 2		YORK STREET
FI 2017	SOUTHWEST MIDDLESEX	EKFRID	LOT 13	CON 3		THAMES ROAD
FI 2017	SOUTHWEST MIDDLESEX	EKFRID	LOT 3	CON 4		OLDE DRIVE
VAR A14/2017	ST. CLAIR	MOORE	LOT 51	CON FRONT		ST. CLAIR PARKWAY
FI 2017	ST. CLAIR	MOORE	LOT 50	CON FRONT		ST. CLAIR PARKWAY
LL 2017	STRATHROY-CARADOC	CARADOC	LOT 14	CON 5		ADELAIDE ROAD
SUB 2017	STRATHROY-CARADOC	CARADOC	LOT 9	CON 10		PARK STREET
SPA 2017	STRATHROY-CARADOC	ADELAIDE	LOT 24	CON 4	SER	METCALFE ST.
VAR A22/2017	STRATHROY-CARADOC	ADELAIDE	LOT 21	CON 4	SER	DEWAN STREET
SEV B06/2017	STRATHROY-CARADOC	ADELAIDE	LOT 22	CON 3	SER	CENTRE ROAD
SUB 2017	STRATHROY-CARADOC	CARADOC	LOT 17	CON 3		ROUGHAM ROAD
FI 2017	WARWICK	WARWICK	LOT 14	CON 3	SER	ZION LINE
FI 2017	WARWICK	WARWICK	LOT 10	CON 1	NER	EGREMONT ROAD

File Reference Codes:

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

Meetings**April**

April 1 & 2 – CA University – D. Cundick

April 1 – Kettle Stoney P FN and Lambton Shores Open House – P. Hayman and E. Ogden

April 5 – Planning Ecology Working Group Meeting @ Credit Valley Conservation – S. Hodgkiss

April 7 – Conference call Baird W. Ipperwash study Dev Guidelines – P. Hayman

April 11 – Town of Plympton-Wyoming Committee of Adjustment – E. Ogden

April 12 – WOCA GIS Meeting @ SCRCA – C.Durand, L.Atkinson, A.Seidler

April 26 – Climate Data Training Session for Engineers, Planners & Decision Makers – E. Ogden

April 26 – Mtg with solicitor G Inglis re: Blue Pt violations – D. Cundick, P. Hayman

April 27 – Site mtg coastal consultant Blue pt – D. Cundick and P. Hayman

April 28 – Metcalfe Place Subdivision Meeting @ SCRCA – E. Ogden, S. Hodgkiss

May

May 2 & 3 – JHSC Training – D. Cundick

May 2 – Admin, Water, Planning and Biology mtg re EBR notice/comment – BM, PH, SH, EC, EO, GS, DC

May 5 – ABCA Coastal video with Robin DArnott – MD, DC, PH, EO

May 11 – Preconsultation Park St multi lot development @ S-C – E. Ogden and P. Hayman

May 18 – Great Lakes Student Conference – C. Durand

May 26 – Preconsultation Ipperwash and W Parkway Rd LS P. Richardson @ SCRCA – P. Hayman

May 29 – Metcalfe Pines mtg drop in J. VanBree @ SCRCA – P. Hayman

May 29 – Village of Newbury Council Meeting – E. Ogden

May 31 – MOA mtg @ Sarnia planning/building – P. Hayman and S. Hodgkiss

Staff Report

10.(iii)



To: Board of Directors
Date: June 9, 2017
From: Patty Hayman, Director of Planning
Subject: West Ipperwash Dynamic Beach Limit Assessment update

Update

- At the last Board meeting, the Baird and Associates Coastal Engineers “West Ipperwash Dynamic Beach Limit Assessment” report was provided.
- Following the Board meeting, the SCRCA circulated the report to the residents and posted on our website for comment by June 1, 2017. An ad was also posted in the Lakeshore Advance.
- The West Ipperwash Property Owners Association (WIPOA) assigned one resident to provide comprehensive comments to the SCRCA. This was very helpful.
- Including the WIPOA submission; 4 submissions were received.
- Kettle Stoney Point First Nation have not commented or requested a consultative meeting to date. However, it is recognized this consultation process may be ongoing, dependent on KSPFN position on the assessment.
- Generally, comments received are neutral and can be addressed by both the consultant and SCRCA. Responses will be provided in the comments section and re-circulated.
- This consultative phase will be presented to the Board in September.
- Pending comments/revisions, the goal is to finalize the study by late Fall.

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

Municipal drain January – March 2017 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**2017 APRIL**

FHR #	Municipality	Geographic Township	Drain Name	Project Description	SCRs Issued
2765	Dawn-Euphemia	Dawn	Gow Drain	Bottom cleanout plus one bank slope	1
2763	Dawn-Euphemia	Dawn	Knight-Kniffen Drain	Bottom only cleanout plus one bank slope	1
2766	Dawn-Euphemia	Dawn	Hunter Drain	Bottom only cleanout	1
2767	Dawn-Euphemia	Dawn	4 th -5 th concession drain	Bottom only cleanout plus one bank slope	1
2758	Strathroy-Caradoc	Caradoc	Hixon Drain	Full cleanout	1
2759	Strathroy-Caradoc	Caradoc	Crawford Drain	Full cleanout	1
2760	Strathroy-Caradoc	Caradoc	Ysebert Drain	Culvert replacement	1
2761	Strathroy-Caradoc	Caradoc	Schradi Drain	Culvert replacement	1

SCRCA DART FILES**2017 MAY**

FHR #	Municipality	Geographic Township	Drain name	Project Description	SCRs Issued
2770	Brooke-Alvinston	Brooke	12 th Concession Drain	Culvert replacement	1
2768	Dawn-Euphemia	Dawn	Salmon and MacDonald Drain	Bottom cleanout plus one bank slope	1
2771	Sarnia	Sarnia	Ferguson Drain	Culvert Replacement	1

SCRCA DART FILES**2017 JUNE**

FHR #	Municipality	Geographic Township	Drain name	Project Description	SCRs Issued
2776	Brooke-Alvinston	Brooke	Munro Drain	Bottom only cleanout	1
2777	Sarnia	Sarnia	Elnor Drain	Culvert replacement	1

***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. SCR's – standard compliance requirements

Prepared By: Tracy Prince
April 7, 2017

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Months Ended 30/4/2017

11.(i)

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$603,988	\$171,149	\$432,839	\$557,420	\$557,420	\$46,568	(\$386,271)
Capital Projects/WECI	\$263,792	\$8,805	\$254,987	\$30,000	\$30,000	\$233,792	(\$21,195)
Conservation Area's Capital Development	\$80,000	\$9,156	\$70,844	\$71,000	\$71,000	\$9,000	(\$61,844)
IT Capital	\$6,448	\$1,064	\$5,384	\$19,200	\$19,200	(\$12,752)	(\$18,136)
Equipment	\$23,600	\$3,746	\$19,854	\$72,000	\$72,000	(\$48,400)	(\$68,254)
Planning & Regulations	\$299,591	\$127,131	\$172,460	\$502,933	\$502,933	(\$203,342)	(\$375,802)
Technical Studies	\$412,631	\$64,040	\$348,592	\$297,137	\$297,137	\$115,494	(\$233,097)
Recreation	\$896,394	\$188,124	\$708,270	\$1,301,890	\$1,301,890	(\$405,496)	(\$1,113,766)
Property Management	\$59,478	\$60,808	(\$1,330)	\$248,430	\$248,430	(\$188,952)	(\$187,622)
Education and Communication	\$91,233	\$82,534	\$8,699	\$193,821	\$193,821	(\$102,588)	(\$111,287)
Source Water Protection	\$57,697	\$30,794	\$26,903	\$175,000	\$175,000	(\$117,303)	(\$144,206)
Conservation Services/Healthy Watersheds	\$663,046	\$220,365	\$442,681	\$555,605	\$555,605	\$107,441	(\$335,240)
Administration/AOC Management	\$575,872	\$290,119	\$285,753	\$1,115,204	\$1,115,204	(\$539,332)	(\$825,085)
	\$4,033,771	\$1,257,835	\$2,775,936	\$5,139,640	\$5,139,640	(\$1,105,869)	(\$3,881,805)

Notes:

1. Municipal matching, non-matching, 3-D Special and Recreation levies totaling \$823,855 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 2017**

**11.(ii)
Sarah Kellestine**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
18731	4/3/2017	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 12,407.43
18746	4/3/2017	MSD Inc.	Picnic Tables	\$ 5,460.16
18773	4/18/2017	BF ENVIRONMENTAL CONSULTANTS	Erosion Control Projects	\$ 54,049.84
18795	4/18/2017	Marsh Canada Limited	Insurance	\$ 87,064.40
18809	4/18/2017	ST.CLAIR REGION CON.FOUNDATION	Refund back to foundation	\$ 5,000.00
18821	5/3/2017	Amico Infrastructures (Oxford Inc)	LAWSS Shorling Rehabilitation	\$ 6,329.70
18824	5/3/2017	1841792 ONT. INC., BILL BRON E	Office Electrical Work	\$ 6,271.50
18826	5/3/2017	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 12,407.43
18859	5/3/2017	SLOAN'S NURSERY & CHRISTMAS TR	Trees	\$ 12,058.17
18869	5/16/2017	ARMSTRONG CONSTRUCTION	Building at WWK	\$ 16,102.50
18896	5/16/2017	STEWART ELECTRIC	Maintenance at CA's	\$ 9,514.37
18901	5/16/2017	SWISH MAINTENANCE LIMITED	Paper supplies for CA's	\$ 8,399.09

\$ 235,064.59

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

INTERNET BANKING April to May 2017

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8648	4/30/2017	Canada Revenue Agency - HST	HST	\$ 38,700.32
8654	4/30/2017	MASTERCARD	Employee Expenses	\$ 6,409.34
8656	4/30/2017	OMERS	Pension	\$ 37,681.36
8658	4/30/2017	RECEIVER GENERAL	Source Deductions	\$ 58,303.65
8663	4/30/2017	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 5,955.40
8673	5/31/2017	MASTERCARD	Employee Expenses	\$ 6,398.19
8674	5/31/2017	OMERS	Pension	\$ 57,507.16
8676	5/31/2017	RECEIVER GENERAL	Source Deductions	\$ 96,609.92
8681	5/31/2017	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 10,165.86

\$ 317,731.20

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -**PAYROLL RUNS**

PAYROLL NO. 7	\$	60,949.75
PAYROLL NO. 8	\$	65,861.82
PAYROLL NO. 9	\$	67,492.31
PAYROLL NO. 10	\$	75,711.13
PAYROLL NO. 11	\$	82,761.94

TOTAL PAYROLL RUNS -**\$ 352,776.95****TOTAL DISBURSEMENTS -****\$ 905,572.74**

2017 GENERAL LEVY SUMMARY

GLYSUM2017
Sarah Kellestine
May 31 2017

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
Sarnia	\$ 308,381.00	\$ 154,190.50	\$ 154,190.50
Chatham-Kent	102,822.00	102,822.00	0.00
Brooke-Alvinston Twp.	12,305.00	12,305.00	0.00
Dawn Euphemia Twp.	18,819.00	4,704.75	14,114.25
Enniskillen Twp.	13,372.00		13,372.00
Lambton Shores M.	38,420.00	38,420.00	0.00
Oil Springs V	1,529.00	1,529.00	0.00
Petrolia T	18,883.00	18,883.00	0.00
Plympton-Wyoming T	40,012.00	20,006.00	20,006.00
Point Edward V	18,483.00	18,483.00	0.00
St. Clair Twp.	85,473.00	85,473.00	0.00
Warwick Twp.	15,875.00	15,875.00	0.00
Adelaide Metcalfe Twp.	13,552.00		13,552.00
Middlesex Centre Twp.	16,494.00	16,494.00	0.00
Newbury V	1,190.00	1,190.00	0.00
Southwest Middlesex M.	8,829.00		8,829.00
Strathroy-Caradoc M.	64,417.00	32,208.50	32,208.50
TOTAL	\$ 778,856.00	\$ 522,583.75	\$ 256,272.25



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



Non-registered account #440-17189

May 31, 2017

Your Investment Report

Account Summary

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

Your Investments	Opening Value Apr 1, 2017	Closing Value May 31, 2017	Balance on May 31, 2017 (CAD\$)
Canadian Dollar Investments			
Cash Account	1,395,550.35	1,407,869.59	1,407,869.59
	1,395,550.35	1,407,869.59	1,407,869.59
Grand Total (CAD\$)			1,407,869.59
		Last Statement Mar 31, 2017	1,395,550.35

You can access your up-to-date account information online through BMO Nesbitt Burns Gateway at: <https://gateway.bmonesbittburns.com>. If you have not yet registered for Gateway access, please contact your Investment Advisor.

We're here to help

Our team is dedicated to helping you succeed in meeting all of your wealth management goals. Please call any member of the team referenced below if you have questions about Your Investment Report. Visit bmo.com/nesbittburns for the latest information on investing and wealth planning.

JONATHAN BATCH
Investment Advisor
519-646-3044

Batch Investment Group
www.batchinvestmentgroup.com
Assistant: Sharon Tingley
sharon.tingley@nbpcd.com

DAVID HAAK
Branch Manager
(519) 672-8560

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

BMO Nesbitt Burns Inc. is a Member - Canadian Investor Protection Fund.
Member of the Investment Industry Regulatory Organization of Canada.

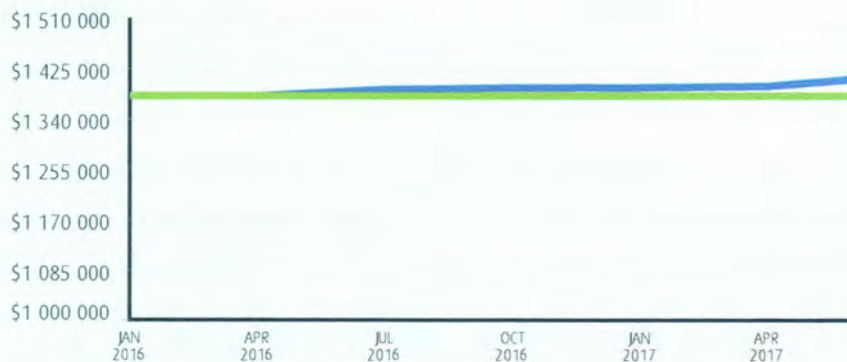
Non-registered account #440-17189

► Changes to your account

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

	This Year (2017)	Since January 1, 2016
Opening Value	1,393,615.14	1,379,179.68
Deposited	+ 0.00	+ 0.00
Withdrawn	- 0.00	- 0.00
Net Invested	= 0.00	= 0.00
Change In Market Value	+ 14,254.45	+ 28,689.91
Closing Value on May 31, 2017	1,407,869.59	1,407,869.59

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



● MARKET VALUE
 ● NET INVESTED

The Change in Market Value of your account since January 1, 2016 is \$28,689.91.




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

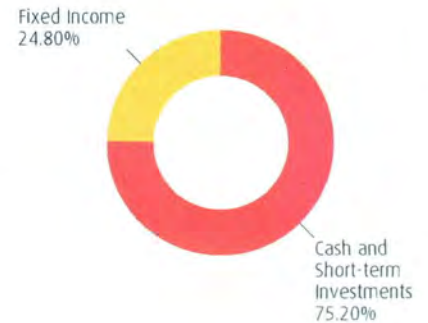
Non-registered account #440-17189

▶ Summary of your investments in Canadian dollars

Your Investor Profile

Investment Objective Income
 Time Horizon 10 yrs and more

Investment Category	Amount	Target %	Holdings %
 Cash and Short-term Investments	1,057,869.59	10.00	75.20
 Fixed Income	350,000.00	90.00	24.80
 Equities	0.00	0.00	0.00
Total	1,407,869.59		100.00



The investments in your account have been chosen based on the investment objectives you selected on the Client Account Agreement. As your life circumstances change, it is important to talk to your Investment Advisor about updating these objectives as may be applicable.


Your Canadian Dollar Investments

All amounts are reported in Canadian Dollars.

▶ Income you received

Type of Income	Current Month	Year to Date
Interest	12,319.24	14,254.45
Total	12,319.24	14,254.45

▶ Your investment details

	Quantity	Cost		Market Value on May 31, 2017		
		Per Unit	Total	Per Unit	Total	
Cash Account						
 Cash and Short-term Investments						
CASH			262,319.59		262,319.59	
HSBC BANK OF CDA GIC ANNUAL DUE 08/16/2017 1.400%	50,000	100.000	50,000.00	100.000	50,000.00	
ROYAL BANK OF CDA GIC ANNUAL DUE 08/16/2017 1.400%	100,000	100.000	100,000.00	100.000	100,000.00	



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Non-registered account #440-17189

Your Canadian Dollar Investments (continued)

All amounts are reported in Canadian Dollars.

▶ Your investment details (continued)

	Quantity	Per Unit	Cost		Market Value on May 31, 2017	
				Total	Per Unit	Total
VANCITY GIC ANNUAL DUE 08/16/2017 1.400%	100,000	100.000		100,000.00	100.000	100,000.00
BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 11/20/2017 0.850%	243,615	100.000		243,615.00	100.000	243,615.00
VANCITY GIC ANNUAL DUE 02/20/2018 1.350%	301,935	100.000		301,935.00	100.000	301,935.00
Subtotal				1,057,869.59		1,057,869.59
Fixed Income						
Fixed Income						
CANADIAN WESTERN BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000		100,000.00	100.000	100,000.00
EQUITABLE BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000		100,000.00	100.000	100,000.00
HOMEQUITY BANK GIC ANNUAL DUE 05/13/2021 2.220%	50,000	100.000		50,000.00	100.000	50,000.00
PRESIDENT'S CHOICE BANK GIC ANNUAL DUE 05/13/2021 2.360%	100,000	100.000		100,000.00	100.000	100,000.00
Fixed Income Subtotal				350,000.00		350,000.00
Subtotal				350,000.00		350,000.00
Total for Cash Account				1,407,869.59		1,407,869.59
Total Canadian Dollar Investments				1,407,869.59		1,407,869.59

Average cost and market price indicator descriptions can be found in Important information about your account at the end of this statement.

Non-registered account #440-17189

▶ Account activity for this month

Date	Activity	Description	Quantity	Unit Price	Commission	Amount
Cash Account						
Apr 1, 2017		Opening Cash Balance				0.35
May 15, 2017	Interest	CANADIAN WESTERN BANK GIC ANNUAL DUE 05/13/2019 INT 2.200% CPN INT ON 100000 BND REC 05/12/17 PAY 05/13/17	100,000		0.00	2,200.00
May 15, 2017	Interest	EQUITABLE BANK GIC ANNUAL DUE 05/13/2019 INT 2.200% CPN INT ON 100000 BND REC 05/12/17 PAY 05/13/17	100,000		0.00	2,200.00
May 15, 2017	Redemption	HOME TRUST COMPANY GIC ANNUAL DUE 05/15/2017 INT 1.800% ISSUE REDEEMED FOR CASH	-100,000		0.00	100,000.00
May 15, 2017	Interest	HOME TRUST COMPANY GIC ANNUAL DUE 05/15/2017 INT 1.800% CPN INT ON 100000 BND REC 05/12/17 PAY 05/13/17	100,000		0.00	1,809.86
May 15, 2017	Redemption	HOMEQUITY BANK GIC ANNUAL DUE 05/15/2017 INT 1.650% ISSUE REDEEMED FOR CASH	-50,000		0.00	50,000.00
May 15, 2017	Interest	HOMEQUITY BANK GIC ANNUAL DUE 05/15/2017 INT 1.650% CPN INT ON 50000 BND REC 05/12/17 PAY 05/13/17	50,000		0.00	829.52
May 15, 2017	Redemption	PEOPLES TRUST GIC ANNUAL DUE 05/15/2017 INT 1.800% ISSUE REDEEMED FOR CASH	-100,000		0.00	100,000.00
May 15, 2017	Interest	PEOPLES TRUST GIC ANNUAL DUE 05/15/2017 INT 1.800% CPN INT ON 100000 BND REC 05/12/17 PAY 05/13/17	100,000		0.00	1,809.86



Non-registered account #440-17189

Your Canadian Dollar Investments (continued)

All amounts are reported in Canadian Dollars.

▶ Account activity for this month (continued)

Date	Activity	Description	Quantity	Unit Price	Commission	Amount
May 15, 2017	Interest	PRESIDENT'S CHOICE BANK GIC ANNUAL DUE 05/13/2021 INT 2.360% CPN INT ON 100000 BND REC 05/12/17 PAY 05/13/17	100,000		0.00	2,360.00
May 15, 2017	Interest	HOMEQUITY BANK GIC ANNUAL DUE 05/13/2021 INT 2.220% CPN INT ON 50000 BND REC 05/12/17 PAY 05/13/17	50,000		0.00	1,110.00
May 31, 2017		Closing Cash Balance				262,319.59

This report includes only activity recorded in your account since your last report. For a more comprehensive listing of your account activity, sign into your BMO Nesbitt Burns Gateway at: <https://gateway.bmonesbittburns.com>.

Non-registered account #440-17189

Your Year-to-Date Fees Summary

▶ Fees you paid

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

	CAD (\$)
Operating charges	
Total operating charges	0.00
Transaction charges	
Total transaction charges	0.00
Total fees you paid in 2017	0.00



Please see examples of standard operating charges in the Important Information about your Account section. Some fees and charges may be reported as before-tax amounts and applicable tax is being reported separately within the 'Sales Tax' line item. Where this is not possible the sales tax is included within the line item. Please contact your Investment Advisor if you have any questions about your 'Year-to-Date Fees Summary'.

▶ Payments BMO received from third parties

	CAD (\$)
GIC Commission	754.84
Total payments BMO Nesbitt Burns received from third parties in 2017	754.84

▶ Bulletin board

The USD/CAD conversion rate is: 1.3505, as of May 31, 2017

Important Notice Regarding Electronic Documents and the availability of Electronic Trade Confirmations.

As an extension to our current electronic statements (eStatements) offering, we are pleased to announce the availability of electronic trade confirmations (eConfirms) for individual accounts.

This change provides greater convenience, security and access to your information. These electronic Documents (eDocuments) will be stored in Gateway for seven years, and you will no longer receive a paper version in the mail.

We will extend this option to our non individual accounts (e.g. corporate, trust, estate) in the future. If you wish to register for eDocuments, existing users on Gateway can go to Account Settings to select "Electronic" delivery.

Alternatively, you can contact your Investment Advisor to register for Gateway and / or eDocuments.

When securities are transferred from one currency to another within your account, they will appear as both a deposit and withdrawal in the Changes to your account section of your statement's Your Performance Report.

These values always net out to \$0 and do not impact performance calculations for the account. For additional information, please contact your BMO Nesbitt Burns Investment Advisor.

Registered accounts with pre-authorized mutual fund purchases may show a difference between the amount deposited and the contribution amount.

The difference is a result of overnight valuation changes between the trade date, and when the trade was entered into the system. For additional information, please contact your BMO Nesbitt Burns Investment Advisor.

Non-registered account #440-17189

► Important information about your account

About this statement

BMO Nesbitt Burns Inc. shall assume the contents of this statement has been acknowledged as correct, approved and consented by you unless we receive written notice to the contrary within 45 days after it is sent to you.

Please let your Investment Advisor or Branch Manager know if there are any changes in your personal or financial situation so that we can ensure you are on track to meet your investment objectives.

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.

Client cash balances in non-registered accounts are held by BMO Bank of Montreal, and client cash balances in registered accounts are held by BMO Trust Company.

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.

Valuations of the securities positions shown in this statement are provided by BMO Nesbitt Burns and are based on information and sources BMO Nesbitt Burns believes to be reliable. However, the market value cited may be subject to change and we cannot be held responsible if the actual market price differs from the said market price.

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 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/conflict_s_of_interest.

Price 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 (DSC)

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

Investor protection

Customers' accounts are protected by the Canadian Investor Protection Fund within specified limits. A brochure describing the nature and limits of coverage is available upon request.

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 US Dollar bank account with Bank of Montreal are not insurable under the Act and are not insured by the Canadian Investor Protection Fund.

Securities held by BMO Nesbitt Burns Inc. in your Account as well as any cash held temporarily by BMO Nesbitt Burns Inc. for subsequent credit to the chequing/savings component of your Account are not deposits which are insured under the Canada Deposit Insurance Corporation Act.

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.

You can always reach us.

If you are unable to reach your BMO Nesbitt Burns Investment Advisor, the telephone number indicated on the front page of this statement will connect you with your BMO Nesbitt Burns Branch.

Please record your BMO Nesbitt Burns Branch telephone number for future reference.

A complete list of branches and contact information is available under "Contact Us" at www.bmonb.com.

Due to space limitations on the page, we may have used some abbreviations on your statement. These abbreviations stand for the following: NCI: Non-Certificate Issue (GIC/Mutual Funds), NVS: Non-Voting Shares, RS: Restricted Shares, RVS: Restricted Voting Shares, SUB: Subscription, SVS: Subordinate Voting Shares, WTS: Warrants, RTS: Rights, DSC: Deferred Sales Charge.

Operating Charges

Client households minimum annual fee = \$500, Administration of RRSP/RRIF Fee: \$125 per year, Administration of RESP/TFSA: \$50 per year, Administration of Locked-In RRSP, LIRA, LIF, LRIF Fee: \$62.50 per year, Transfer-out of Non-Registered or Registered Account: Fully and partial: \$135 per account; Partial withdrawal of a Registered Account (excluding TFSA, LIF, LRIF and RRIF): \$25 per request; Full Deregistration of a Registered Account (excluding TFSA): \$100 per account. GST / PST / HST where applicable will be added to these fees.

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

BMO Wealth Management is the brand name for a business group consisting of Bank of Montreal and certain of its affiliates, including BMO Nesbitt Burns Inc., in providing wealth management products and services. "Nesbitt Burns" is a registered trade-mark of BMO Nesbitt Burns Inc., a wholly-owned subsidiary of Bank of Montreal. ®/TM Registered trade-marks of Bank of Montreal, used under licence.

BMO Nesbitt Burns Inc. is a Member - Canadian Investor Protection Fund. Member of the Investment Industry Regulatory Organization of Canada.

BMO Nesbitt Burns refers to BMO Nesbitt Burns Inc. and your account at BMO Nesbitt Burns Inc.

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Account Number: **460-14928**
 Account Type: Regular Account
 For the Period: **May 1 to 31, 2017**
 Last Statement: April 28, 2017

ST CLAIR CONSERVATION
 FOUNDATION
 205 MILL POND CR
 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

Your Investment Team

Laura Fairgrieve (519) 660-3215
 Michael Willemse (519) 660-3268

CANADIAN Account Overview

Currency: CANADIAN DOLLAR

Asset Class Summary	May. 31, 2017 Market Value	% of Total Assets
 Fixed Income	624,845	100.00
Total Value of Account	\$624,845	100.00
Total Value on Last Statement, April 28, 2017	\$624,802	



100.00%

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Details of Your Account Holdings

Type	Security Description	Quantity	Average Cost	Adjusted Book Value	Market Price	Market Value
Fixed Income						
CASH	BANK OF MONTREAL ANNUAL INTEREST GIC DUE 10/31/2017 1.350%	102,500	100.000	102,500	100.000	102,500
CASH	CANADIAN WESTERN BANK ANNUAL INTEREST GIC DUE 11/01/2017 1.380%	102,488	100.000	102,488	100.000	102,488
CASH	CIBC ANNUAL INTEREST GIC DUE 10/31/2017 1.350%	102,500	100.000	102,500	100.000	102,500
CASH	CPN PROVINCE OF NOVA SCOTIA BOOK ENTRY ONLY DUE 12/01/2021	7,000	54.536	3,817	92.496	6,475
CASH	EQUITABLE BANK ANNUAL INTEREST GIC DUE 10/31/2017 1.510%	102,500	100.000	102,500	100.000	102,500
CASH	HOME BANK ANNUAL INTEREST GIC DUE 10/31/2017 1.510% See Endnote 5	51,250	100.000	51,250	100.000	51,250
CASH	HOME TRUST ANNUAL INTEREST GIC DUE 10/31/2017 1.510%	51,250	100.000	51,250	100.000	51,250
CASH	MANULIFE STRATEGIC INCOME FUND (559) See Endnote 1	266.469	11.411	3,040	12.692	3,382
CASH	ROYAL BANK OF CANADA ANNUAL INTEREST GIC DUE 10/31/2017 1.350%	102,500	100.000	102,500	100.000	102,500
Total Fixed Income						\$624,845
Total Account Holdings				\$621,845	\$624,845	

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						\$0.64
May. 01, 2017	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND (559) REINVEST 04/28/17 @ \$12.6854 PLUS FRACTIONS OF 0.423 BOOK VALUE \$5.37			
May. 25, 2017	CASH	EXCHANGE	HOME BANK ANNUAL INTEREST GIC DUE 10/31/2017 INT 1.510% 1.510 DUE 10/31/17 EXCHANGE FROM HT GIC HC	51,250		
May. 25, 2017	CASH	EXCHANGE	HOME TRUST ANNUAL INTEREST GIC DUE 10/31/2017 INT 1.510% 1.510 DUE 10/31/17 EXCHANGE TO HB GIC	-51,250		
May. 29, 2017	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND (559) REINVEST 05/26/17 @ \$12.6915 PLUS FRACTIONS OF 0.368 BOOK VALUE \$4.67			

Closing Cash Balance

\$0.64

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

Asset classes you hold will be displayed under the Asset Class Summary section in the statement. Only the asset classes of securities you hold in your account will be displayed on your statement. The classification "Other" includes Principal Protected Notes, Principal at Risk Notes, and some Exempt Market products. Please speak directly with your Wealth Advisor to ensure you understand the products held in your account. 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

Customers' accounts are protected by the Canadian Investor Protection Fund within specified limits. A brochure describing the nature and limits of coverage is available 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.

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Code Information

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

JTA1362372-0021163-04506-0003-0003-00-

SCRCA Joint Health & Safety Committee Meeting Minutes – Draft

Thursday, March 23, 2017, 8:30 am

11. (v) 95

Lower Board Room
205 Mill Pond Crest.
Strathroy, ON

Meeting called by:	JHSC Committee	Type of meeting:	Quarterly
Facilitator:	Kevan Baker	Minutes:	Erica Ogden
Attendees:	Kevan Baker, Don Skinner, Sarah Hodgkiss, Dallas Cundick Recorder: Erica Ogden		
Guests:	Steve Shaw		

Minutes of Agenda Items

1. Motion to approve November 30, 2016 meeting minutes
Motion: that "The Minutes of the November 30, 2016 JHSC meeting be approved as printed." **Moved/Seconded/Carried – Sarah/Don/Carried**

2. Business arising from the minutes
 - 2.1. Review of Action Items

Kevan Baker reported on:

- **Finalized Updated Policy & Procedure for dam safety** (with input from Water Resources Dept.) (Sept. 23, 2015 – item 4.1, Dec. 2, 2015, March 8 & June 8, 2016 – item 2.1 – Steve C., September 21, 2016 – item 2.1 – Don; November 30, 2016 item 2.1 Don)

Discussion:

- Ongoing, Steve C. has finalized and tidied up
- Reviewed document including diagrams
- Nothing in the wording refers to numbers shown on Diagram 1, so they should be removed
- Approved Dam Safety Document, subject to numbers being removed from Diagram 1

Action Item(s):

- **Steve C** to update *diagram 1* to remove numbers for rails from diagram
- **Updates to training materials based on risk assessment updates completed by each department** (Sept. 21, 2016- item 2.1 – Kevan & Nov. 30, 2016 item 2.1 - Kevan)

Discussion:

- Every department has reviewed their risk assessment
- Planning Department should review the General Site Visits Risk Assessment Form
- Checklist for risks to review with new staff (helps ensure completeness of training)
- Need to find Biology and Planning checklists

Action Item(s):

- **Sarah H** to review general site visit risk assessment form for Planning Department
- **JHSC Meeting agenda item** for next JHSC meeting
- **External ladder safety training** (March 8 2016 - item 4.2; June 8, 2016 - item 2.1 - Jeff; Sept. 21, 2016 - item 2.1 – Kevan; Nov. 30, 2016 – item 2.1 Kevan)

Discussion:

- Ontario Safety Group - \$30/person
- Staff can access via a link
- Terry and Kevan to complete
- Other departments may have a no ladder rule if staff have not been trained on proper ladder safety

Action Item(s):

- **Kevan** will make link available through supervisors who will determine the staff who require training. Primarily Forestry and Biology.

- **Evacuation Accountability Plan following review by Supervisors** (Nov. 30, 2016 – item 4.2 - Kevan)

Discussion:

- Has not yet gone to supervisors, want to discuss ideas from committee
- How should attendance be tracked - by “pod” seating area or by department?
- Supervisor has responsibility to know which staff are in the building, staff assigned to provide clearance per area of building
- Reminder to all staff that Outlook calendar should be used to indicate when you are out of the office on site visits/meetings/ etc. However, server may not be available if there is an actual fire etc. We need a way to know who should be accounted for in case of an emergency.

Action Item(s):

- **Dallas** to review existing evacuation text, make changes and bring back to next meeting

- **Updates to Health & Safety Boards** (Nov. 30, 2016 – item 4.5 – Heather)

Discussion:

- completed by Heather
- must add Harassment and Violence In the Workplace Policy when it has been finished
- Should previous workplace inspection be on the Health & Safety boards? This is currently on our checklist for workplace inspections, but we have not been doing this consistently. Is it required by the Ministry of Labour?

Action Item(s):

- **JHSC** to ensure Workplace Harassment and Violence Policy is completed and posted
- **JHSC** to ensure copies of Workplace Inspections are posted on appropriate bulletin boards following review of these

- **Development of updated Accident Packages (with accident scene diagram)** (Dec. 2, 2015 – item 2.1 – Steve; March 8, June 8 and Sept. 21, 2016 – item 2.1 – Jeff; Nov. 30, 2016 - Kevan)

Discussion:

- new Automobile Accident Report Form received by Marsh Canada (current vehicle insurer)
- Jeff completed, new form is now in each vehicle binder with diagram from our insurance company
- Updated form approved

Action Item(s):

- **Heather** to add to vehicle binders, to SharePoint and to Vehicle Training Package

Sarah H reported on:

- **Health & Safety Manual updates including Visitor Policy** (Nov. 30, 2016 – item 2.1- Kevan)

Discussion:

- Policy applicable to office building not parks

- made minimal changes, refer to exterior doors being locked to the public
- Visitors reporting hazards needs to be revised - they are not trained, it is not their responsibility
- Staff should report any potential safety hazards or incidents or accidents related to visitors

Action Item(s):

- **Sarah H** to update and include in manual
- **Violence Policy & Procedure and Harassment Policy and Procedure following review by Management** (Sept. 21, 2016 – item 4.3; Nov. 30, 2016 – item 2.1 – Jeff/Sarah H.)

Discussion:

- Kevan sent to Brian for review
- Reviewed changes completed
- Harassment should be reported to supervisor
- Remove “Optional” from policy 9.1
- Need a procedure on how we create a workplace which proactively deters violence and harassment, need training
- Kevan and Dallas reviewed questionnaire completed
- Will take questionnaire back to staff and review for concerns, need timeframe/frequency
- Procedures on how to address some of the concerns raised may be needed

Action Item(s):

- **Sarah H** to provide comments to Heather for finalized procedure format
- **Kevan** to create 1 page policy to post on Health and Safety boards,
- **JHSC** to ensure these policies and procedures are circulated to staff

Dallas Cundick to report on:

- **Health & Safety Certification Training** (Nov. 30, 2016 – item 4.7)

Discussion:

- Part 1 of training is completed, 3 day course
- Had a good group of people in the training
- RACE to safety

Action Item(s):

- **Dallas** to complete Part 2 training in April or May and then will be certified

3. Area Reports/Workplace Inspections

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

Discussion:

- No concerns
- Next inspections will be in these locations

3.2. LCH Education Centre – (Kevan)

Discussion:

- Will be done as scheduled

3.3. General CAs - Strathroy, CW, McKeough - (Sarah H.)

Discussion:

- Inspections done in the past month
- Clark Wright - Mold growth concerns on door in secure document storage area
- At the main office in Strathroy, boots should be stored in the closets, not on the stairs at the lower back door, as this is a tripping hazard (mostly an issue during the winter)

Action Item(s):

- **Kevan** to follow up with Terry to see if door has been painted
- **Kevan** to communicate boot storage locations to staff at full staff meeting

3.4. Other Departments (JHSC as received)

Discussion:

- No concerns

4. New Business

4.1. Review of Incident/Injury Investigation Reports since September 21, 2016 meeting (Kevan)

Discussion:

- No new incidents

4.2. Review of completed Workplace Violence Assessment Forms

Discussion:

- Was discussed with Violence and Harassment Procedure and Policy (see item 2.1 – Sarah H.)

4.3. Heather's Retirement

Discussion:

- How will Health and Safety paperwork be addressed once Heather has retired

Action Item(s):

- **Kevan** to follow up with Tracy

4.4. Steve Shaw ISNetworld

Discussion:

- In order to do tree planting on corporate lands with some clients (i.e. Shell, Union Gas, etc.) SCRCA must meet health and safety standards set by ISNetworld
- ISNetworld collects information on Health and Safety Policy, reviews and scores the policies. Some of our policies received a fail based on their standards.
- In 2010, we were audited by WSIB and were deficient in some areas and failed. We revised our policies, WSIB returned and we passed. We are only accountable to the Ministry of Labour's standards however Steve must deal with ISNetworld in order to do jobs with larger companies.
- Some issues are related to wording of the policies, while other failed sections are missing from manual, as the policies may not be generally applicable to SCRCA
- Steve ran through several examples. Committee discussed.
- Suggest a separate policy for working on industrial lands that could include items we do not currently address in our policies
- Policies may need to be updated to make direct reference to the related forms
- Steve Shaw requesting to sit down with members of the Committee in order to address sections which are still fails
- Steve has already made some changes to meet the standards of the other 4 sections, which can be brought forward to the committee at a later date to determine if we would like to incorporate into our regular policies

Action Item(s):

- **Steve Shaw** to request Health and Safety policies from Upper Thames C. A. and set up meeting with JHSC Committee to review

5. Goals and Objectives in 2017

- 5.1. To regularly review MOL website to educate ourselves and learn from documented investigations and fines (ongoing)
- 5.2. To review Health and Safety Manual and make changes as necessary (ongoing)
- 5.3. To appoint a worker rep. in October, 2017 for a 3-year term (to replace Don Skinner)
- 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 send occasional Health & Safety Bulletins to all staff (i.e. Hot & Cold Weather Alerts forwarded to all staff as received from Lambton Public Health)
- 5.9. To establish a new Workplace Inspection Report specific to the Administration Office

6. Proposed future meeting date: June 21, 2017; September 20, 2017 & November 29, 2017

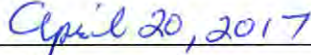
7. Adjournment – 11:20 am
Motion: that “The meeting be adjourned.” **Moved/Second/Carried – Sarah/Dallas/Carried**

Misc. Information

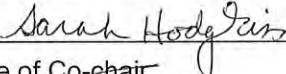
Contacts:	Worker Co-chair/Inspector: Management Co-chair: Worker Reps.: Committee Secretary: Meeting Recorder:	Don Skinner Kevan Baker Dallas Cundick Sarah Hodgkiss Don Skinner Heather Long Erica Ogden	dskinner@scrca.on.ca kbaker@scrca.on.ca dcundick@scrca.on.ca shodgkiss@scrca.on.ca dskinner@scrca.on.ca hlong@scrca.on.ca eogden@scrca.on.ca
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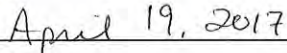
 Signature of Co-chair



 Date



 Signature of Co-chair
 Worker Rep



 Date

Staff Report

12.(i)



To: Board of Directors
 Date: June 8, 2017
 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. 88 boats entered the Sydenham River Canoe Race on Sunday April 23, raising a total of \$3,284.00 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 27th. Teachers appreciate the hands on opportunities to connect classroom learning to the natural world.

New Program: POKECACHING: A Pokemon Go inspired version of Geocaching:

The game was created by LKDSB Enrichment Students for the SCRCA. The pilot program ran April 25th and 26th with some "snags". During the wrap up of the game, the students brainstormed ideas for improvement. It was an excellent opportunity for the organizing students to see their creation in action and to learn how to make improvements. Two more bookings for the program were requested thanks to word of mouth. The program will be offered as a part of the SCRCA's Education programming.

Great Lakes Student Conference:

May 18th, 2017 – Approximately 70 Lambton County grade 11 and 12 students participated in this full day student conference. Outdoor education staff assisted in development and delivery of this very successful conference.

ICE Training

May 2nd and 3rd, 2017: SCRCA acted as a 'sector partner' to assist LKDSB deliver Innovation, Creativity and Entrepreneurship (ICE) training to Wallaceburg District Secondary School (WDSS) students. The students were given the challenge of 'How can St. Clair Conservation motivate youth to seek the health benefits created by spending time in nature?' As part of the training, education staff led a 2 hour 'empathy building' workshop, in which students were introduced to the health benefits of time spent in our local CA's. As a follow-up, the students participated in a formal ICE training session at WDSS. The students met the challenge with enthusiasm and creativity; some of the best ideas pitched included hosting 'volunteer youth work days' to allow the students a chance to participate in conservation projects; a youth photography contest; hosting a fundraiser 5km and 10km run; and using social media like twitter and u-tube to communicate with teens(RTL) the amazing benefits of spending time outdoors.

Special Events

Kid's Fun Fest Sarnia:

SCRCA staff will be participating in Kids Fun Fest 2017 on Saturday June 10th in Sarnia. The booth will highlight camping and SCRCA programs. Outdoor education staff will help kids explore the world of birds and offer a hands-on activity making their own bird nests using natural materials and mud!

Community Partnerships

Return the Landscape: Education staff has joined Return the Landscape (RTL) Board of Directors to act as a liaison between SCRCA and RTL maintaining and growing this community partnership. The next meeting of the board is June 22nd, 2017.

Sarnia-Lambton Arbour Week Committee:

Education Staff continue to chair the committee and are helping to organize four tree plantings in the 4 corners of Lambton County. We will be planting a total of 150 trees to celebrate Canada's birthday. Sugar maple seedlings were delivered to each student in 4 winning classrooms in Lambton County who participated in the Arbour Week Contest. Students were asked to draw a comic about a 150 year old tree and some very creative works were received.



Staff Report

12.(ii)



To: Board of Directors
 Date: June 5, 2017
 From: Nicole Drumm, Communications Technician
 Subject: Great Lakes Student Conference

In an effort to increase Great Lakes literacy the Ministry of Environment and Climate Change funded a Great Lakes Student Conference organized by St. Clair Conservation with Lambton Kent District School Board (LKDSB) staff. Over 70 students from four LKDSB high schools attended the conference where they had the opportunity to learn about issues surrounding the Great Lakes, possible career paths, and explore cultural connections.

The conference was a great success, in large part, because of the following workshop leaders that participated and provided their expertise:

- Pollutech
- Aamjiwnaang First Nation
- Scienstational Snakes
- Return the Landscape
- St. Clair Conservation Biology Staff
- Ontario Ministry of Agriculture, Food and Rural Affairs



Members of Aamjiwnaang First Nation leading a workshop



Authority Chair, Steve Arnold, providing opening remarks at the student conference

Feedback from participating Great Lakes Secondary School Teacher, Craig Griffiths:

“I just wanted to take a moment to give a big thank you for the Great Lakes Conference. I really can't say enough good things about the event. It so well run, interactive and informative and not just for the students. It really was a fantastic opportunity for all of the students, not only because they were able to learn about their local ecosystems, but also because they were given the opportunity to see and talk to so many people in our community that are highly involved in environmental issues. I realize that there were numerous people involved in the organization of this event and I can only imagine how much time and effort was put into it. Once again, thank you very much for the day and please pass this on to whoever else may deserve a thank you! If there is anything that I can do to help make this event a possibility in the future please to do not hesitate to ask.”



Sciensational Snakes



Return the Landscape



Ontario Ministry of Agriculture, Food and Rural Affairs



Pollutech



St. Clair Conservation Biology Staff

Staff Report

12.(iii)



To: Board of Directors
 Date: June 6, 2017
 From: Nicole Drumm, Communications Technician
 Subject: Schoolyard Greening Project

The Conservation Authority and Lambton Public Health partnered for a schoolyard greening initiative called "Tomorrow's Greener Schools Today – Lambton." The intent of the project was to plant trees with elementary school students to increase green space and shade on playgrounds. From a health perspective, once the trees mature they will protect children from harmful UV radiation.

From a conservation perspective, planting the trees with the kids encouraged environmental stewardship. An educational component regarding the benefits of trees was provided by the Conservation Authority and Lambton Public Health during each event.

In our first year of this project, five elementary schools in Lambton County submitted proposals and all five proposals were accepted. Based on available funding, each of the five schools received eight trees and the planting events took place this May and June. A total of 40 trees were planted.

Lambton Public Health and the Authority were successful in securing a TD Friends of the Environment Foundation grant to cover the costs of the initiative for 2017.



Staff Report

12.(iv)



To: Board of Directors
 Date: June 6, 2017
 From: Nicole Drumm, Communications Technician
 Subject: Sarnia Artwalk

Beautiful weather during the 14th annual Sarnia Artwalk, helped to draw in large numbers of people from all over the region – last year the event saw over 25,000 visitors. The weekend-long festival was an excellent opportunity for public outreach and to raise awareness about the programs offered at St. Clair Conservation. We handed out free reusable bags with the SCRCA logo and pamphlets on our programs.

This year, to invoke pride in the unique biodiversity found in our region, we focused on Species at Risk found in our area. Our Snapping Turtle and Eastern Foxsnake displays drew in many curious visitors and started a lot of productive conversations. People were amazed to learn about some of the endangered species that live in our area and we also had the chance to dispel misconceptions about these animals.



Children learning about Snapping Turtles and other Species at Risk

Sarnia Artwalk is a vibrant and exciting event that we are very pleased to take part in every year.



**Left: Conservation Education Coordinator, Sharon Nethercott, discussing programs offered by the SCRCA
 Right: Communications Technician, Nicole Drumm, teaching families about Species at Risk found in our region**

Staff Report

12. (v)



To: Board of Directors
 Date: June 8, 2017
 From: Donna Strang, Remedial Action Plan (RAP) Coordinator
 Subject: St. Clair River Area of Concern (AOC)

Beneficial Use Impairment (BUI) Update

Beach Closings BUI:

The status assessment for the “Beach Closings” BUI for the St. Clair River AOC was presented to the Binational Public Advisory Council (BPAC) at the May 24, 2017 meeting in Sarnia, Ontario.

The report proposed the re-designation of this “Impaired” BUI to “Not Impaired” based on improvements to local infrastructure (e.g., combined sewers and Water Pollution Control Plants (WPCPs)) that have reduced inputs of *E. coli* into the St. Clair River along with low measurements of bacteria at local beaches and swimming areas,

BPAC approved the re-designation recommendation. Next steps will include review by the Four Agency Managers Work Group consisting of representatives from Environment and Climate Change Canada (ECCC), the Ontario Ministry of the Environment and Climate Change (OMOECC), United States Environmental Protection Agency (USEPA) and the Michigan Department of Environmental Quality (MDEQ).



E. coli levels were low at local swimming areas and beaches along the St. Clair River. Elevated levels were attributed to the presence of geese, ducks and other waterfowl. These non-anthropogenic sources of *E. coli* are a problem observed throughout the Great Lakes and not specific to the St. Clair River.

Bird or Animal Deformities or Reproductive Problems BUI:

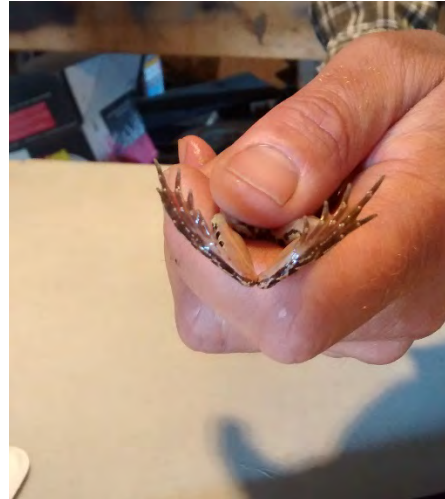
On November 16, 2017, the “Bird or Animal Deformities or Reproductive Problems” BUI status assessment was presented to BPAC. The report recommends re-designation from “Requires Further Assessment” to “Not Impaired”.

The report assessed reproductive success and deformity rates in Northern Leopard Frogs (*Rana pipiens*) and Snapping Turtles (*Chelydra serpentina*) exposed to St. Clair River water and sediment. Results were positive with high hatching and low deformity

rates observed in both species.

BPAC voted in favour of the re-designation recommendation. The status assessment is currently being reviewed by the Four Agency Managers Work Group.

Surveys assessing deformity rates in Northern Leopard Frogs were conducted over four years in the southern portions of the St. Clair River AOC (Walpole Island and Mitchell's Bay). Deformity rates were low and below the average rate of 5% expected in wild populations.



Introducing Your New RAP Coordinator!

On May 15, 2017, Kelly Johnson took over the role as RAP Coordinator for the St. Clair River AOC. Kelly is a graduate of Lakehead University in Thunder Bay, Ontario and brings with her a background in both Environmental Studies and Education.

Kelly has experience working and collaborating with numerous stakeholders and First Nation communities and we look forward to the new ideas she will bring to the AOC program. Welcome Kelly!!!

Recent and Future Meetings:

Canadian Remedial Action Plan Implementation Committee (CRIC):

- December 1, 2016 - Sarnia, Ontario
- March 7, 2017 – Aamjiwnaang First Nation
- May 24, 2017 – Strathroy, Ontario

Binational Public Advisory Council (BPAC):

- November 16, 2016 - Sarnia, Ontario
- March 15, 2017 – Port Huron, Michigan
- May 24, 2017 – Sarnia, Ontario

Fish and Wildlife Habitat and Population Subcommittee:

- May 31, 2017 – Strathroy, Ontario

Science and Monitoring Subcommittee:

- December 7, 2016 – London, Ontario

Friends of the St. Clair River (FOSCR):

- December 6, 2016 – Sarnia, Ontario
- May 16, 2017 – Mooretown, Ontario

Presentations and Events:

Presentations were delivered and/or St. Clair River AOC information was displayed at recent meetings and events including:

- Walpole Island First Nation Community Presentation on the “*Bird or Animal Deformities or Reproductive Problems*” BUI
 - October 27, 2016 at the Walpole Island Sports Complex
- Walpole Island First Nation Community Presentation on the “*Beach Closings*” BUI
 - November 15, 2016 at the Walpole Island Library
- Walpole Island First Nation Annual Open House
 - December 8, 2016 at the Walpole Island Sports Complex
- Walpole Island Heritage Centre Committee Meeting – Update on “*Restrictions on Dredging Activities*” BUI
 - February 20, 2017 at the Walpole Island Heritage Centre
- Aamjiwnaang First Nation River Day
 - February 25, 2017 at the Maawn Doosh Gumig Community Centre
- International Joint Commission Public Forum
 - March 22, 2017 in Sarnia, Ontario
- United States Friends of the St. Clair River Meeting
 - March 22, 2017 in Port Huron, Michigan
- Go Wild Grow Wild Expo
 - April 8, 2017 in London, Ontario
- Aamjiwnaang First Nation Earth Day
 - April 22, 2017 at the Maawn Doosh Gumig Community Centre

Staff Report

12.(vi)



To: Board of Directors
 Date: June 14, 2017
 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 9 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 Scholarships - \$1,000 award

Monique Benedict, Strathroy and District Collegiate Institute
 Emily Fraser, Great Lakes Secondary School

Tony Stranak Conservation Scholarship - \$500 award

Jillian Ball, Lambton Kent Composite School

Mary Jo Arnold Conservation Scholarship - \$500 award

Nicole Delmage, North Lambton Secondary School

Report to: St. Clair Region Conservation Authority Board of Directors 13.(i)
Date: June 7, 2017
CC: SP Management Committee
From: Jenna Allain, Source Protection Coordinator
Re: Drinking Water Source Protection Program Update

Purpose

To provide information to the St. Clair Region Conservation Authority Board of Directors on the most recent activities and progress of the Drinking Water Source Protection program.

Current Status of the Source Protection Program

The Thames-Sydenham and Region Source Protection Plan, approved in September 2015, came into effect on December 31st, 2015 and implementation of the plan policies is now well underway. For the past year and a half Conservation Authority staff from the Thames-Sydenham and Region have been supporting implementation of the local source protection plan and are monitoring local implementation progress. Additionally, UTRCA has signed agreements with seven municipalities in the Region provide risk management services and implement plan policies on their behalf.

Local Progress Updates

New Source Protection Committee Chair Appointed

On March 22nd, the Source Protection Programs Branch confirmed that Mr. Dean Edwardson had been appointed by the Minister of the Environment and Climate Change as the new Chair of the Thames-Sydenham Source Protection Committee. The Committee's long-standing Chair, Mr. Bob Bedggood, indicated his intent to resign from his position once his term expired in August 2016. The Chair's position was then advertised by the Public Appointment Secretariat in June of 2016, and with support from the Source Protection Authorities, the Source Protection Programs Branch undertook a process to interview and select a candidate for appointment. We are pleased to have Mr. Edwardson, a long-standing industry representative on the committee, as the new leader for the Committee.

Source Protection Committee Size Reduction

In May 2016 the Striking Committee (made up of the Chair and Vice Chair of each of the three Conservation Authority Boards of Directors) decided to reduce the size of the Source Protection Committee (SPC) from 21 to 15 members, largely due to the decreasing role and responsibilities of the Committee moving forward. The process to reduce the size of the Committee, however, was deferred until a new SPC Chair had been appointed. Now that Dean Edwardson has been appointed as the new Chair, the process to reduce the size of the Committee is moving forward. Committee members will be

receiving letters that either offer an extension to their current appointment, or thank them for their years of service. The next Committee meeting will be held on October 19th, 2017 and all current members will be invited to attend. The reduction will take effect after the October meeting.

2017-2018 Budget and Work Plan

The Ministry of the Environment and Climate Change approved a new funding agreement for the Thames-Sydenham Source Protection Region which runs from April 1st, 2017 to March 31st, 2018. The objective of this grant funding agreement is to enable the Conservation Authorities to continue to support implementing bodies and maintain local awareness of source protection.

Education Campaign Targeting Small Quantities of Hazardous Waste

The Source Protection Plan contains an education and outreach policy specifying the use of an education program to target the handling and storage of hazardous chemicals, known as Dense Non-Aqueous Phase Liquids, in concentrations typical of household use. Source Protection staff are currently preparing an educational campaign that will fulfill this policy requirement. Flyers will be delivered door to door in each wellhead protection area, and a website and promotional video are also being produced as part of the campaign.

Risk Management Services Renewal

UTRCA has established a regional Risk Management Office on behalf of seven municipalities, including the Municipality of Chatham-Kent. SCRCA employee, Steve Clarke is acting as the Risk Management Official for Chatham-Kent under an agreement between SCRCA and UTRCA. The service agreement with the seven municipalities was for an initial period of three years (September 1st, 2014 – August 31st, 2017). UTRCA has proposed an option for renewing the service agreement for an additional three years and four months covering the period of September 1st, 2017 to December 31st, 2020. The Municipality of Chatham-Kent, the City of London, the Township of Perth East, and the Town of St. Marys have formally approved the agreement renewal. Final decisions from the remaining three municipalities are still pending.

Section 36 Work Plan

At the time that the Thames Sydenham and Region Source Protection Plan was approved in September 2015, the Minister ordered the Source Protection Authorities to prepare and submit a workplan under Section 36 of the Clean Water Act and submit it to the ministry by November 30, 2018. The workplan shall propose the detailed steps for the review of the source protection plan, including which portions of the plan are to be reviewed, the timeframes for each step of the review, the consultation that would be undertaken as part of the review, and rationale for each step. The workplan must be developed in consultation with the Source Protection Committee, participating municipalities, and the MOECC. Staff will be taking initial steps in 2017 to begin preparation on the Section 36 workplan.



Sydenham canoe race this Sunday; Annual event has been held for over 40 years

Sarnia This Week

Thu Apr 20 2017

Page: A28

Section: News

Source: Sarnia This Week

The 43rd annual Sydenham River Canoe and Kayak Race will take place on Sunday, April 23.

The event is co-sponsored by the St. Clair Region Conservation Authority and its fundraising foundation. It begins in Dawn-Euphemia Township on Mossie Road, just west of County Rd. 79 north of Cairo, and features 11 classes and three different race lengths. All classes finish at the Shetland Conservation Area on Bentpath Line (County Rd. 2).

Participants are being asked, on a voluntary basis, to seek sponsors for their efforts. The funds raised will be used to help support outdoor education for school children in the St. Clair region.

There are classes for all skill levels, said race co-ordinator Sharon Nethercott.

In the seven-kilometre races, the classes are Recreation - Competitive, Recreation - Lazy River, V.I.P.,

Touring (the over 50 crowd), and Kayak - Novice.

The 12 km races include Men's Amateur, Kayak Amateur, and Open (Ladies and Mixed).

The 16-kilometre races include include expert classes - Men's, Mixed and Kayak.

The race is sanctioned by the Ontario Marathon Canoe and Kayak Racers Association.

Participants must supply their own canoe or kayak and safety equipment.

Trophies are presented to all first-place winners and ribbons are given to the second and third place winners in each class. In addition the top fundraiser will receive a trophy. Registration for the race is from 10 a.m. to 11 a.m. and all races begin at 11:20 a.m.

In the event of poor weather, would-be participants are asked to listen to local radio stations or call 519-882-2399 for a message.

To download a poster and sponsor sheet visit www.scrca.on.ca

Length: 269 words

Illustration: Handout, Postmedia Network / The 43rd annual Sydenham River Canoe and Kayak Race is to be held in Dawn-Euphemia Township this Sunday.;



Oliver McMillan and Chris Prater of London power to the finish line in the competitive division of the Sydenham River Canoe and Kayak Race Sunday.

Heather Wright Photo

'A little bit of everything' on the Sydenham

Heather Wright
The Independent

Two marathon paddlers say the Sydenham River Canoe and Kayak Race is a good tune up for some of the big events they're training for.

The London paddlers, who train with a Dorchester club, took first place in the competitive division of the annual race hosted by the St. Clair Region Conservation Authority.

Paddlers - both competitive and weekend warriors - start the race in the river by Cairo near Bothwell and paddle to the Shetland Conservation Area.

Five competitive teams took part this year travelling both up and down the river before heading to the finish line.

"I like that you go both up and down stream with a little bit of rapids," says McMillan. "There's a little bit of everything."

"And the depth (of the river) is great," says Prater. "It won't scratch the bottom of the canoe." The competitive canoeists use flat bottomed vessels as they are narrower, to increase speed.

McMillan and Prater are training for a number of events this summer, including a 70 mile race in New York State in May. The pair say they need as much time in the boat together as possible and it is nice to do it close to home.



It was a dog's life on the Sydenham Sunday. The pup wasn't the only one getting a ride. A small child slept in the canoe below.



April 27, 2017



Canoes and kayaks take to Sydenham River

Paddlers are getting ready for the 43rd annual Sydenham River Canoe and Kayak Race Sunday.

The race begins on Mossie Road just west of County Road 79 north of Cairo and features 11 classes and three different race lengths. All classes finish at the Shetland Conservation Area on Bentpath Line (County Road 2). "There are classes for all skill levels," Sharon Nethercott, Race



Coordinator, explained. The race is sanctioned by the Ontario Marathon Canoe and Kayak Racers Association. All races begin at 11:20 a.m.

In the event of poor weather, call 519-882-2399 for a message.

Independent April 2012017



photo provided by Karen Baker and Conservation Authority staff

A Path to Healthier Living

Bonduelle Teams Up with St. Clair Conservation to Improve Conservation Area Trails

A local partnership between Bonduelle, a frozen vegetable processing and packaging plant in Strathroy, and St. Clair Region Conservation Authority (SCRCA) is improving the Strathroy Conservation Area for the entire community to enjoy.

Since 2014, employees of Bonduelle have worked with Conservation Authority staff to develop the trails in the conservation area in Strathroy. The goal was to construct a new, accessible lakeside trail that linked to existing conservation area trails. This work was completed in three phases, with community partnership

and volunteerism playing key roles in the success of the project.

Together, Conservation Authority staff and Bonduelle volunteers constructed a total of 705 metres of chip and dust trails around the lake in 2014 and 2015.

Bonduelle, via its VegeGo community partnership program, supported a number of the improvements to the trails around the conservation area over the last three

years. Together, Conservation Authority staff and Bonduelle volunteers constructed a total of 705 metres of chip and dust trails around the lake in 2014 and 2015. New park benches were also installed along the trail during that time, providing visitors with spots to relax and take in the beauty of the river and the Conservation Area. Four picnic tables, including one wheelchair accessible table, now offer a beautiful space to share a meal and enjoy nature. Parking lot improvements completed in 2014 included 25 new parking curbs and gravel.



photo provided by Karen Baker and Conservation Authority staff

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In 2016, Bonduelle volunteers assisted with the installation of stairs with a safety railing along a steep portion of the trail, providing a safe passage up the slope for users. Stairs and railings were also constructed to link the conservation area trails to the Rotary Memorial Trail in the north end of Strathroy.

Conservation Authority staff have seen increased activity in the conservation area, as visitors take advantage of the improved outdoor eating areas, new trails, and available parking.



Volunteers have also assisted with spring cleanup days in the conservation area over the past several years.

This partnership project reflects the Bonduelle VegeGo program's mission of encouraging healthy lifestyles and healthy living. While the company has helped out

continued on the next page

all photos provided by Karen Baker and Conservation Authority staff

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continued from the previous page

in the community throughout the years with donations to local food banks, charitable events, and fundraisers, this is the first defined partnership project to complement the VegeGo mission.

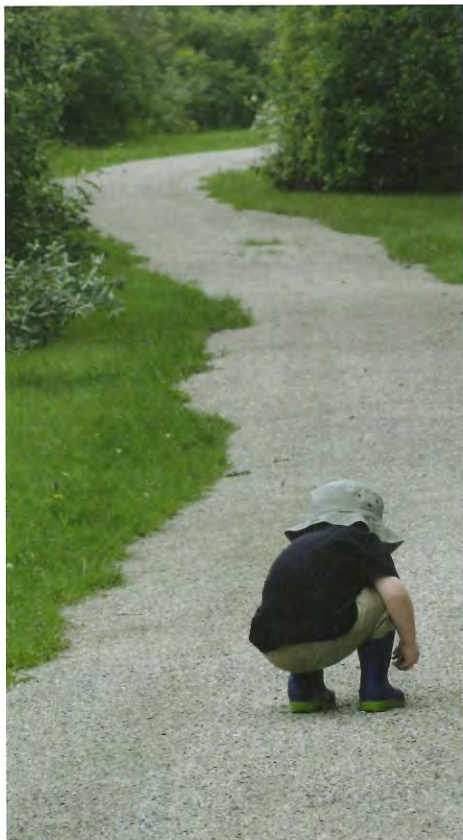
Conservation Authority staff have seen increased activity in the conservation area, as visitors take advantage of the improved outdoor eating areas, new trails, and available parking. The conservation area

Bonduelle, via its VegeGo community partnership program, supported a number of the improvements to the trails around the Mill Pond over the last three years.

also serves as an access point to a more scenic route through Strathroy.

The trail improvements make this a great local destination to visit and explore. Beginning at the Conservation Area parking lot off of Head Street, the trail winds around the historic Mill Pond Area.

all photos provided by Karen Baker and Conservation Authority staff





This is the site where Strathroy's first mill was established by John Buchanan in 1832. The Conservation Area also links to the Strathroy parks system and several kilometres of trails throughout the community. Pack a lunch to enjoy at one of the new picnic tables or park benches along the way!

The commitment of Bonduelle and the SCRCA to the trail improvement project is a great example of what can be achieved when local organizations partner together. The support of Bonduelle and its employee volunteers, combined with the expertise and dedication of the Conservation Authority, have resulted in an improved trail system where the entire community can explore and get active.

all photos provided by Karen Baker and Conservation Authority staff

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UPCOMING EVENTS

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St. Clair Conservation Authority reports positive trends

by *Melanie Williams*

STRATHROY-CARADOC - The St. Clair Region Conservation Authorities 2016 Annual Report was presented to council on 3 April.

Highlights of the report included the planting of over 100,000 seedlings and 800 large-stock trees on both private and public lands in the St. Clair Region, as well as 46 completed stewardship projects with \$322,000 in collective grant money to local landowners. Over the last 16 years, the Conservation Authority

has distributed more than \$2.7-million in grants to landowners resulting in over 850 projects to improve water quality. Further efforts include a barrier in Bear Creek being removed to enhance local fish and wildlife habitat. This project also included the relocation of over 300 mussels, including local "Species at Risk". The SCRCA also participated in the development of the Ontario Domestic Action Plan aimed to reduce phosphorus levels and combat algae blooms in

Lake Erie. The Authority also educated and engaged almost 14,000 students through the SCRCA Conservation Education Programme.

The Strathroy Middlesex General Hospital Foundation is hosting their annual Colour Run event and was approved by council for a temporary partial road closure of Carrie Street on Saturday, 3 June 2017. The 2017 Transportation Services reports were also reviewed by council, including highlights from concrete,

chip and tar, and fleet equipment services. Concrete sidewalk costs were up approximately 17% from last year's accepted price of \$92,000, while bids indicated a rise in material costs for tar and chip of approximately 4.6% from last year. The lowest costs fall within the approved 2017 budget expenditures for tar and chip, under the Roads Department. However, there will be a \$24,725 overage within the concrete and sidewalks divisions based on the bids received.



Environmental fines help to fund tree planting

Sarnia This Week

Thu Apr 20 2017

Page: A8

Section: News

Source: Sarnia This Week

The St. Clair Region Conservation Authority plans to plant 15,000 trees, courtesy of a \$36,045 grant from the Ontario Community Environment Fund.

The conservation authority says the money will also be used to complete surface water quality sampling.

Ironically, the money comes from environmental penalties and fines paid by companies that spilled a contaminant into the environment, or that did not comply with regulatory requirements.

According to a news release from the conservation authority, the environment fund uses the funds collected from those penalties to support projects, whenever possible, in the watershed where a violation happened.

Grants are made to municipalities, conservation authorities, schools, First Nations, and non-profit groups to engage in remediation, restoration, research and education activities.

This year, 20 organizations in 13 eligible communities will receive \$314,000 in funding for projects from the 2016 fund.

Length: 131 words



Union Gas chips in for water safety education

Sarnia This Week

Thu Apr 27 2017

Page: A2

Section: News

Source: Sarnia This Week

Sarnia This Week Union Gas has donated \$5,000 to the St. Clair Region Conservation Authority (SCRCA) for its Conservation Education Program.

“Through this program, we educate our youth about the importance of our natural world. We reach out to students with a simple message - what can you do to protect our watersheds? Over 25 programs have been developed to introduce students to nature and to empower them to make a difference,” said Sharon Nethercott, Conservation Education Coordinator for the SCRCA.

The donation will be used to support the Spring Water Awareness Program, which teaches elementary school students in the St. Clair Region to be more aware of the power of water, especially during spring thaw.

“At Union Gas, we are committed to the safety of our employees and our communities,” said Wes Armstrong, director of storage and transmission operations, Union Gas. “We’re very pleased to continue our support of this program, which is helping to keep our children safe.”

“We are very pleased with our partnership with Union Gas,” said Steve Arnold, chair of the SCRCA. “These funds will be a great help in advancing our efforts to teach school children about the importance of safety around watercourses, and for all of us to continue to strive for healthy watersheds.”

Length: 209 words

Illustration: Handout, Sarnia This Week / From left: Chris Young, administration manager, Storage and Transmission Operations for Union Gas; / Sharon Nethercott, conservation education coordinator, St. Clair Region Conservation Authority; / Wes Armstrong, director of Storage and Transmission Operations for Union Gas and Steve Arnold, chairman of the St. Clair Region Conservation Authority.;



From left to right: Chris Young, Administration Manager, STO, Union Gas; Sharon Nethercott, Conservation Education Coordinator, St. Clair Region Conservation Authority; Wes Armstrong, Director of Storage and Transmission Operations, Union Gas; and Steve Arnold, Chair, St. Clair Region Conservation Authority

Union Gas Supports Conservation Education

BY **STEPHANIE CHAVES** APRIL 19, 2017 12:55PM @SChavesCHOKNews

A donation of \$5,000 from Union Gas will benefit the Conservation Education Program at the St. Clair Region Conservation Authority.

The money will be used to support the Spring Water Awareness Program, which teaches elementary students to be more aware of the power of water, especially during the spring thaw.

The conservation authority has over 25 programs aimed to educate students about nature and our watersheds.

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Chatham Daily News

C-K renews agreement with conservation authority; Upper Thames River Conservation Authority to provide risk management services

The Chatham Daily News
Fri May 19 2017

Page: A3
Section: News
Byline: Trevor Terfloth
Source: The Chatham Daily News

To help protect water sources, Chatham-Kent has renewed an agreement with the Upper Thames River Conservation Authority for risk management services.

The agreement, accepted recently by council, delegates the municipality's responsibilities under the province's Clean Water Act.

The renewal agreement will cover Sept. 1 of this year to Dec. 31, 2020. It will be funded up to \$100,000 through the Strategic Development Reserve.

Chatham-Kent falls mostly within the Thames-Sydenham and Region Source Protection Plan, according to a staff report.

The UTRCA will provide the following services: -Develop and establish a monitoring and inspection program; -Negotiate new risk management plans where required and ensure compliance; -Review and amend management plans as activities, property owners, tenants, or technical requirements change; -Ensure that prohibited activities do not occur; -Collaborate with municipal building and planning staff to ensure that activities proposed in vulnerable areas are consistent with the source protection plan; -Address any site-specific challenges by landowners; -Completion of annual risk management reporting to the Ontario Ministry of the Environment and Climate Change.

The Upper Thames River Conservation Authority, in partnership with the St. Clair Region Conservation Authority and Lower Thames Valley Conservation Authority, provide risk management services related to the well head protection areas of Ridgetown and Highgate, and the intake protection zone of Wallaceburg.

A small part of Chatham-Kent is governed by the Essex Region Source Protection Plan.
TTerfloth@postmedia.com @DailyNewsTT

Length: 226 words

Opinion

Flooding worse without conservation authorities

EDITOR:

Although it's tough to convince people after flooding like this week, Ontario is not completely without protection from flood events. We would be a lot worse off if we didn't have conservation authorities.

Ontario's 36 Conservation Authorities are key players in preventing and reducing the impacts of overland flooding across the province and they do this by working with all levels of government. They began to be established in the 1940s by the Province and municipalities. Where there isn't a conservation authority, the Province works with municipalities.

Conservation authorities prevent and/or reduce the risk of overland flooding using a combination of \$2.7 billion dollars' worth of flood infrastructure, regulations which prohibit development in flood prone areas, floodplain

maps to identify these areas and a good monitoring and warning system which requires a close partnership between all levels of government and the Conservation Authorities. Some of this work is paid for by the Province, but the need is far greater than available funding – especially with the increase in frequency of extreme weather events year round.

Having forest cover, wetlands and naturalized shorelines, also reduces the impacts of flooding.

They help to slow down flows or soak up and store some of the flood waters.

Conservation Authorities help to protect and enhance these natural features through the wide variety of restoration and rehabilitation programs they deliver. Working with residents, agencies and other partners, they plant trees and protect wetlands, shorelines and other

natural features that are all part of a resilient flood management program. In urban areas, they promote and implement stormwater management, including low impact development and green infrastructure.

Despite all the good things they do, Conservation Authorities aren't always the most popular kids on the block, often because of their regulatory role. Lots of residents and developers want to build in areas next to water not realizing that these areas can be susceptible to flooding and erosion.

Keeping people out of water and water away from people saves lives, prevents property damages and keeps business humming, saving hundreds of millions of dollars per year.

**Kim Gavine,
General Manager,
Conservation Ontario**

Authority watching weather, flood risk

PAUL MORDEN
THE OBSERVER

St. Clair Conservation Authority officials are keeping a close eye on the weather and potential for flooding with heavy rain forecast for Southwestern Ontario in the next few days.

Environment Canada issued a rainfall warning for Sarnia-Lambton, forecasting 40 to 70 mm of rain between Thursday and Saturday as a weather system is expected to stall over Southwestern Ontario.

Girish Sankar, the authority's director of water resources, said he was closely watching weather prediction models Thursday morning before the

rain began to fall.

Neighbouring Lower Thames Conservation Authority issued a flood watch Wednesday, and the St. Clair authority issued a flood outlook statement Thursday for its Sydenham River watershed and smaller watersheds draining into southern Lake Huron, the St. Clair River and northeastern Lake St. Clair.

The authority is warning residents about the potential for road closings, saturated ground and slippery stream banks as rain falls in coming days.

Water levels are expected to remain high into the weekend, with potential localized flooding at parks in communities such as Petrolia and Strathroy,

and in farm fields across the region.

Municipal emergency response staff and road superintendents were being asked to monitor local conditions closely.

Sankar said staff were working and monitoring conditions at the W. Darcy McKeough Floodway in St. Clair Township, which protects Wallaceburg.

"If we are going to get the rainfall on the higher end" of the current forecast, there is a chance the floodway could be used to divert water away from Wallaceburg, he said.

The floodway, about 12 km north of Wallaceburg, consists of a dam, two gates and a 7 km diversion channel

running west to the St. Clair River.

According to the authority's website, it is Ontario's largest flood diversion project.

There were no flood concerns in the region going into the rain expected to begin Thursday.

"We did receive a lot of rain on the weekend, Sunday and Monday, and we've gotten back to normal levels," Sankar said.

"We flushed out that system, however the ground is extremely saturated."

Because of that, there may be issues with erosion if forecast heavy rains arrive, he said.

pmorden@postmedia.com

For the love of nature

Local conservation authority offering scholarships to students interested in environmental studies

*Angie Dwyer
May 11/2017*

USE INTEREST STAFF

A total of \$3,000. That's the amount of money the St. Clair Region Conservation Authority has made available this year as part of its scholarships program. The goal of the initiative is to help graduating high school students interested in post-secondary studies in a conservation field, such as biology, ecology, forestry and wildlife, with their education's cost.

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

The conservation authority will be donating the funds, established through the St. Clair Region Conservation Foundation, in up to two \$1,000 awards and up to two \$500 awards.

Students living within the boundary of the St. Clair Region Conservation Authority or who attend a secondary school in Sarnia, Forest, Petrolia, Wallaceburg, Dresden, Glencoe and Sarnia, can apply.

Applications for the scholarship can be obtained from the high schools listed above, by contacting the St. Clair Region Conservation Authority at 245-3710, or by visiting our website at www.scrca.on.ca.

The deadline for applications is May 31.

Standard Guide Advocate May 11/2017

St. Clair Conservation offers scholarships

Submitted by
St. Clair Region Conservation Authority

\$3,000 in scholarships are available from the St. Clair Region Conservation Authority (SCRCA). However, the deadline of May 31, 2017 is fast approaching.

The scholarships are available for graduating high school students who are continuing in post-secondary studies in a conservation field (biology, ecology, geography, forestry, agriculture, fish and wildlife, etc.).

Up to two \$1,000 awards and up to two \$500 awards will be provided to successful candidates. These scholarships are provided by trust funds established

through the St. Clair Region Conservation Foundation.

"These scholarships are our way to assist in the education of tomorrow's conservationists and to encourage young people to take an active role in the important environmental issues that face our society," says Brian McDougall, General Manager of the SCRCA.

Students living within the boundary of the SCRCA or who attend a secondary school in the following communities qualify: Forest, Glencoe, Strathroy, Petrolia, Wallaceburg, Dresden and Sarnia.

Applications for the scholarships can be obtained from the high schools listed above, by contacting the SCRCA at 519-245-3710, or by visiting their website at www.scrca.on.ca



Fishing tips from the St. Clair Region Conservation Authority

Fishing is an enjoyable summer activity and a few tips can make it better for everyone, including the fish

By Travis Poland (<https://lambtonshield.com/author/travis/>)

June 13, 2017

Local News (</category/local-news/>)



 A pair of fishing lures float in a pond. (Travis Poland/Lambton Shield)

Water is a common occurrence in Lambton County. Be it Lake Huron, the St. Clair River, or the countless creeks, streams, and ponds, there's plenty of places to cast a line and try to catch some fish. The Lambton Shield spoke to the St. Clair Region Conservation Authority and got some tips on how to make fishing better for everyone – fish included.

The St. Clair Region Conservation Authority follows all provincial fishing regulations on their properties, said Greg Wilcox, a watershed technician with the organization. That includes purchasing a fishing license and following seasonal regulations for the provincial 'zone' you are fishing in. In Sarnia-Lambton, inland bodies of water, including conservation areas, fall into zone 16, the St. Clair River is part of zone 19, and Lake Huron is in zone 13. This year's zone 16 regulations can be found here (https://files.ontario.ca/environment-and-energy/fishing/2017/2017_FMZ_16_English.pdf).

Tips for the fish

Sunfish, bass, carp, catfish, and northern pike are among the most popular sport fish in local conservation areas, said Wilcox. He said while the Conservation Authority encourages catch and release, it is not mandatory. Gently handling the fish, keeping it out of the water for as short as possible, and supporting a tired fish once it's back in the water increases the likelihood as an effective release, said Wilcox.

When it comes to hooks and bait, Wilcox said using barbless, appropriately-sized hooks and lures instead of live-bait makes fishing safer for the fish. Fish are known to swallow live-bait and small hooks which makes releasing the animal more difficult. Having appropriate hook removal tools such as pliers also helps, said Wilcox.

"When live-bait is used with small hooks there's more a tendency of that to get swallowed and do damage," he said.

Tips for the fisherman

Being aware is the best way to keep safe, said Wilcox. He noted some fish such as catfish and sunfish may have barbs and spines on their fins which can leave the unexpected fisherman with a poke. Fishing hooks can also cause a poke and Wilcox reminds everyone to be aware of his or her surroundings when casting a fishing line.

"People can get hooks in their fingers and things," said Wilcox.

Wilcox said, staying away from elevated and rushing water and supervising children near the water's edge are key things to remember.

"Life-jackets are pretty key for young children," he added.

When heading outdoors a water bottle, sunscreen, bug spray, and a first-aid kit are good to have on hand for any activity.

Wilcox encourages people to get out fishing in local conservation areas.

"It's a great way to get outdoors," he said.

For a complete list of St. Clair Region Conservation Authority properties visit the organization's website (<https://www.scrca.on.ca/>).