

# CATFISH CREEK CONSERVATION AUTHORITY

## Mission Statement

*"To communicate and deliver resource management services and programs  
in order to achieve social and ecological harmony for the watershed"*

Meeting of the Full Authority is to be held in the CCCA Boardroom on  
Thursday, May 11<sup>th</sup>, 2017, commencing at 10:00 a.m.

## A G E N D A

- 1) Welcome / Call to Order. .... Rick Cerna
- 2) Adoption of Agenda
- 3) Disclosure of Pecuniary Interest
- 4) Disclosure of Intention to Audio / Video Record Meeting
- 5) Adoption of Minutes of:
  - a) Full Authority Meeting #03/2017 (April 13, 2017). .... 3 - 5
  - b) Interview Committee Meeting #02/2017 (April 27, 2017). .... 6
  - c) Interview Committee Meeting #03/2017 (April 28, 2017). .... 7
  - d) Interview Committee Meeting #04/2017 (May 5, 2017)... 8
- 6) Business Arising from Minutes
- 7) Public / Special Delegations:
  - a) Jessica Fiddy - Elgin St. Thomas Public Health
- 8) Reports:
  - a) Report FA 17/2017 - Monthly Staff Reports..... 9 - 10  
(Ed Pietrzak, Tony Difazio, Peter Dragunas)
  - b) Report FA 18/2017 - April Summary of Revenue & Expenditures..... 11 - 12  
(Susan Mann)
  - c) Report FA 19/2017 - Accounts Payable..... 13  
(Susan Mann)
  - d) Report FA 20/2017 - Maple Syrup Program Summary..... 14 - 17  
(Ed Pietrzak, Susan Mann)
  - e) Report FA 21/2017 - Summer Employment Programs..... 18  
(Kim Smale)

- f) Report FA 22/2017 - Southwestern Ontario Regional Envirothon Competition. . . . . 19  
(Kim Smale)
- g) Report FA 23/2017 - Draft Lake Erie Action Plan.. . . . . 20 - 50  
(Kim Smale)
- 9) General Manager / Secretary-Treasurer's Report. . . . . Kim Smale
- 10) Unfinished Business
- 11) Chairperson's / Board Member's Report
- 12) Notice of Motions / New Business
- 13) Correspondence:
  - a) Copied:
    - Karen Vecchio, MP Elgin - Middlesex - London - a letter notifying the CCCA that it will be receiving \$17,393.00 through the Canada Summer Jobs Program to hire five (5) students this summer.
    - County of Elgin - a letter advising the CCCA that our application for the Festival & Event Partnership Program was unsuccessful.
    - TD Bank Group - a photograph of the big cheque presentation for the Catfish Creek Carolinian Trail Restoration Project in the amount of \$10,040.00.
  - b) Not Copied:
    - Correspondence Register for April, 2017.
- 14) Committee of the Whole
- 15) Next Meeting / Adjournment

**MINUTES OF THE MEETING OF THE  
CATFISH CREEK CONSERVATION AUTHORITY**

**Thursday, April 13<sup>th</sup>, 2017**

**Meeting #03/2017**

**PRESENT:**

Rick Cerna	Chairperson	Township of Malahide
Mark Tinlin	Vice-Chairperson	City of St. Thomas
Sally Martyn	Member	Municipality of Central Elgin
Arthur Oslach	Member	Town of Aylmer

**ABSENT:**

Anne Vanhoucke	Member	Township of South-West Oxford
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**STAFF:**

Kim Smale	General Manager / Secretary – Treasurer
Susan Mann	Financial Services Coordinator
Tony Difazio	Resource Planning Coordinator
Peter Dragunas	Water Management Technician

**OTHERS PRESENT:**

Gordon & Janis Hamilton	Lake Erie North Shore Landowners Association
Stan & Karen Jones	Lake Erie North Shore Landowners Association
Judi Wright	Aylmer Area Community Foundation
Leighia Chapman-Klaassen	Intern, The Aylmer Express
Craig Bradford	Reporter, The Aylmer Express

**WELCOME / CALL TO ORDER:**

Chairperson Cerna welcomed everyone and called the meeting to order at (10:00 a.m.).

**ADOPTION OF AGENDA:**

<u>Motion # 31/2017</u>	S. Martyn	M. Tinlin	CARRIED
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THAT, the Agenda for the April 13<sup>th</sup>, 2017, Full Authority meeting be adopted as circulated.

**DISCLOSURE OF PECUNIARY INTEREST:**

No one had a pecuniary interest to disclose at this time.

**DISCLOSURE OF INTENTION TO AUDIO / VIDEO RECORD MEETING:**

The Chairperson asked for disclosures of intentions to audio or video record the meeting. Leighia Chapman-Klaassen indicated her intentions to audio record the meeting.

**ADOPTION OF MINUTES:**

<u>Motion # 32/2017</u>	M. Tinlin	S. Martyn	CARRIED
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THAT, the Minutes of Full Authority meeting # 02/2017 (March 23, 2017), be accepted as circulated.

**BUSINESS ARISING FROM MINUTES:**

No one reported any outstanding business to discuss from the previous Minutes.

**PUBLIC / SPECIAL DELEGATIONS:**

a) Judi Wright – Aylmer Area Community Foundation:

The Authority Chairperson welcomed Judi Wright to the meeting to present the Catfish Creek Conservation Authority (CCCA) with a cheque in the amount of \$5,500.00 on behalf of the Aylmer Area Community Foundation and the Community Foundations Of Canada. Ms. Wright provided the Board with some background information about the Aylmer Area Community Foundation and some of the work it has funded throughout the community. The \$5,500.00 presented to the CCCA will be used to implement the Invasive Species Mitigation Project at the Springwater Conservation Area where a number of dead ash trees will be replaced with large-caliper (50-60 mm) native Sugar Maple trees to commemorate Canada's 150<sup>th</sup> Anniversary of Confederation. Chairperson Cerna thanked Judi for attending the meeting to make the cheque presentation.

**Ms. Wright left the meeting at (10:10 a.m.).**

**REPORTS:**

Report FA 11/2017 – Monthly Staff Reports, was presented, discussed, and resolved.

Motion # 33/2017                      S. Martyn                                      M. Tinlin                                      CARRIED

THAT, Staff Reports for the month of March, 2017, be noted and filed.

Report FA 12/2017 – March Summary of Revenue and Expenditures, was presented, discussed, and resolved.

Motion # 34/2017                      M. Tinlin                                      S. Martyn                                      CARRIED

THAT, Report FA 12/2017, be noted and filed.

Report FA 13/2017– Accounts Payable, was presented, discussed, and resolved.

The Financial Services Coordinator distributed copies of Report FA 13/2017 – Accounts Payable, at the meeting for payment.

Motion # 35/2017                      S. Martyn                                      A. Oslach                                      CARRIED

THAT, Accounts Payable totaling \$75,708.61, be approved for payment as presented in Report FA 13/2017.

Report FA 14/2017 – Monthly Plan Review, was presented, discussed, and resolved.

Motion # 36/2017                      A. Oslach                                      M. Tinlin                                      CARRIED

THAT, the Full Authority approve the Monthly Plan Review Report for the months of January February and March, 2017.

Report FA 15/2017 – Approved Section 28 Regulation Applications, was presented, discussed, and resolved.

Motion #37/2017                      M. Tinlin                                      A. Oslach                                      CARRIED

THAT, Full Authority receive the staff approved Section 28 Regulation Applications Report FA 15/2017, as information.

Report FA 16/2017 – Conservation Ontario Council Meeting, was presented, discussed, and resolved.

Motion # 38/2017                      M. Tinlin                                      A. Oslach                                      CARRIED

THAT, the information outlined in Report FA 16/2017, be noted and filed.

**GENERAL MANAGER / SECRETARY-TREASURER'S REPORT:**

a) Special Events:

The General Manager / Secretary-Treasurer took the opportunity to remind the members about some of the upcoming Special Events being held at the Springwater Conservation Area. He noted the Opening Day of Trout Fishing is on April 22<sup>nd</sup>, the Envirothon Competition on May 2<sup>nd</sup> and the Tim Hortons Trout Derby on May 13<sup>th</sup>, 2017.

**UNFINISHED BUSINESS:**

None

**CHAIRPERSON'S / BOARD MEMBER'S REPORT:**

Member Oslach asked whether anyone from the Aylmer BIA had contacted the CCCA regarding the proposed embankment clean up along Catfish Creek. The General Manager / Secretary-Treasurer mentioned that the Resource Planning Coordinator has been in contact with Nicole Pressey – Wiebenga, Administrator of the Aylmer BIA concerning this matter.

**NOTICE OF MOTIONS / NEW BUSINESS:**

None

**CORRESPONDENCE:**

a) Copied:

- Ministry of Natural Resources and Forestry - a copy of the letter from the Minister of Natural Resources and Forestry in response to the concerns from the CCCA regarding the lack of adequate funding associated with the Ontario Low Water Response Program.
- Eptcon Ltd. - a copy of the letter from Peter Langenhan, President of Eptcon Ltd., donating \$5,000.00 to assist the CCCA with its work with habitat restoration initiatives.
- Ministry of Natural Resources and Forestry - a copy of the response from the Minister of Natural Resources and Forestry to the Chair of Conservation Ontario regarding the Conservation Authorities Act Review.

b) Not Copied:

- Correspondence Register for March, 2017.

<u>Motion # 39/2017</u>	S. Martyn	A. Oslach	CARRIED
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THAT, the Copied Correspondence and the Correspondence Register for March, 2017, be noted and filed.

**COMMITTEE OF THE WHOLE:**

<u>Motion # 40/2017</u>	S. Martyn	A. Oslach	CARRIED
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THAT, the Full Authority adjourn to the Committee of the Whole to discuss one (1) legal matter at (10:37 a.m.).

<u>Motion # 41/2017</u>	A. Oslach	S. Martyn	CARRIED
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THAT, the Committee of the Whole rise without report at (10:43 a.m.).

**NEXT MEETING / ADJOURNMENT:**

The next meeting of the Catfish Creek Conservation Authority will be held on Thursday, May 11<sup>th</sup>, 2017, commencing at (10:00 a.m.).

<u>Motion # 42/2017</u>	S. Martyn	A. Oslach	CARRIED
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THAT, the Full Authority be adjourned at (10:44 a.m.).

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General Manager / Secretary –Treasurer

\_\_\_\_\_  
Authority Chairperson

# Minutes Of The Meeting Of The Catfish Creek Conservation Authority Interview Committee

Thursday, April 27<sup>th</sup>, 2017

Meeting # IC 02/2017

## PRESENT:

Rick Cerna	Authority Chairperson	Township of Malahide
Arthur Oslach	Alternate Committee Member	Town of Aylmer

## STAFF:

Susan Mann      Financial Services Coordinator

The meeting was called to order at (1:45 p.m.).

## Disclosure Of Pecuniary Interest:

No one had a pecuniary interest to disclose at this time.

The purpose of the meeting was to interview applicants for the following positions which were posted on the CCCA website and advertised in the Aylmer Express and the St. Thomas Times Journal newspapers and the Elgin County Market.

- Gate Attendants
- Park Technicians
- Park Technician Assistants
- Visitor Services Coordinator

A total of 20 candidates were contacted to be interviewed for the aforementioned positions.

The Committee interviewed 10 of the 20 potential candidates on the first day and will meet again on April 28<sup>th</sup>, 2017, to interview the remaining applicants.

The meeting was adjourned at (4:30 p.m.).

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Rick Cerna  
Authority Chairperson

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Arthur Oslach  
Alternate Committee Member

# Minutes Of The Meeting Of The Catfish Creek Conservation Authority Interview Committee

Friday, April 28<sup>th</sup>, 2017

Meeting # IC 03/2017

## PRESENT:

Rick Cerna	Authority Chairperson	Township of Malahide
Arthur Oslach	Alternate Committee Member	Town of Aylmer

## STAFF:

Ed Pietrzak Conservation Areas Supervisor

The meeting was called to order at (1:00 p.m.).

## Disclosure Of Pecuniary Interest:

No one had a pecuniary interest to disclose at this time.

The purpose of the meeting was to complete the remaining interviews for the positions of Park Technician, Park Technician Assistant, and Visitor Services Coordinator.

At the conclusion of the interview process, the Interview Committee selected the following list of names for the 14 available positions. References, Criminal / Vulnerable Persons Record Checks and Eligibility will be checked prior to the final notification of hiring.

### Gate Attendant (7)

- Brayden Racz
- Kelsey Oatman
- Michaela Ferguson
- Jeremy Gorman
- Emily Fishback-McCallum
- Marissa Schram
- Katie Wiebe

### Park Technician Assistant (3)

- Trent Temple
- Mykal Donald
- Joshua Vanbesien

### Visitor Services Coordinator (1)

### Park Technician (3)

- Andrew Timmerman
- Riley Facey
- Gerrit Kremers

The meeting was adjourned at (5:00 p.m.).

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Rick Cerna  
Authority Chairperson

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Arthur Oslach  
Alternate Committee Member

**Minutes Of The Meeting Of The Catfish Creek Conservation Authority  
Interview Committee**

Friday, May 5<sup>th</sup>, 2017

Meeting # IC 04/2017

**PRESENT:**

Rick Cerna	Authority Chairperson	Township of Malahide
Arthur Oslach	Alternate Committee Member	Town of Aylmer

**STAFF:**

Ed Pietrzak            Conservation Areas Supervisor

The meeting was called to order at (9:30 a.m.).

**Disclosure Of Pecuniary Interest:**

No one had a pecuniary interest to disclose at this time.

The purpose of the meeting was to interview three (3) additional candidates for the position of Visitor Services Coordinator.

At the conclusion of the interviews, the Interview Committee selected Erika Hermans for the position.

The meeting was adjourned at (11:00 a.m.).

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Rick Cerna  
Authority Chairperson

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Arthur Oslach  
Alternate Committee Member



## **REPORT FA 17/ 2017: To The Full Authority**

**FROM:** Conservation Areas Supervisor  
Resource Planning Coordinator  
Water Management Technician

**SUBJECT:** Monthly Staff Reports

**DATE:** May 4, 2017

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### **Conservation Areas Supervisor, Ed Pietrzak**

#### **Current Activities:**

- Woodlot management and hazard tree removal on Authority owned lands.
- Provided training for the participants of the Southwestern Ontario Regional Envirothon Competition held at the Springwater Conservation Area on May 2<sup>nd</sup>, 2017.
- Stocked the Springwater Pond with Rainbow Trout in preparation for the opening weekend of the 2017 trout fishing season. Thanks to the Order of Good Cheer for their financial support of this annual community event.
- Ongoing training and supervision of students from the Cooperative Education Placement Program.
- Day-to-day operations and maintenance of the various Conservation Areas.

#### **Upcoming Activities:**

- Attending a Path of Honour Committee meeting at the Ontario Police College on May 16<sup>th</sup>, 2017.
- Hiring and training of new summer staff.
- Preparation for campground and day-use area opening.
- Seasonal Camping officially starts on the Mother's Day Weekend and concludes on the Thanksgiving Day Weekend.
- Victoria Day Weekend Alcohol Restriction will be in effect.
- Planting 25 large-caliper native Sugar Maple trees at the Springwater Conservation Area with funding through the Aylmer Area Community Foundation and the Community Foundations Of Canada.
- Regular duties as assigned.

### **Resource Planning Coordinator, Tony Difazio**

#### **Current Activities:**

- Preparation of four (4) Forest Management Plans under the 'Managed Forest Tax Incentive Program' (MFTIP);
- Attended a Committee Meeting for the Elgin Clean Water Program and presented stewardship / restoration applications on behalf of 10 landowners in our (CCCA) watershed; and,
- Assisted with this year's Envirothon Competition at the Springwater Conservation Area.

**Upcoming Activities:**

- Completion of MFTIP Forest Management Plans;
- Assist landowners in the watershed with stewardship / restoration projects;
- Attend a meeting of the Elgin Stewardship Council; and,
- Regular duties as assigned.

**Water Management Technician, Peter Dragunas**

**Current Activities:**

- Provincial Groundwater Monitoring Network data acquisition.
- Assessment and required adjustments to the Low Water Response, low water benchmark and threshold criteria to improve early identification of low water threats to support Level I, II and III low water condition reporting.
- Permit To Take Water (PTTW) application assistance.
- Final site visits with landowners to discuss / assist with CCCA 2017 Tree Planting Program.
- Administration of the Greening Communities Program for the CCCA completed,
- Administration of 2017 Malahide Roadside Tree Planting Program completed.
- Catfish Creek Conservation Authority (CCCA) 2017 Tree Planting.
- Flood Forecasting and Warning.

**Upcoming Activities:**

- 2017 OLWR analysis.
- Completing the 2017 Tree Planting Program
- Regular duties as assigned.

**Recommendation:**

That, Staff Reports for the month of April, 2017, be noted and filed.

*for*   
\_\_\_\_\_  
Ed Pietrzak  
Conservation Areas Supervisor

  
\_\_\_\_\_  
Tony Difazio  
Resource Planning Coordinator

  
\_\_\_\_\_  
Peter Dragunas  
Water Management Technician

**REPORT FA 18 / 2017 : To The Full Authority**  
**FROM: Susan Mann, Financial Services Coordinator**  
**SUBJECT: April Summary of Revenue & Expenditures**  
**DATE: April 30, 2017**

**SUMMARY OF REVENUE**  
for the period ending April 30, 2017

	2017 Budget	2017 To Date	Difference	2016 To Date
MNRF Provincial Grants	\$ 79,835.00	\$ -	\$ (79,835.00)	\$ -
Other Provincial Grants	\$ 92,188.92	\$ 24,340.85	\$ (67,848.07)	\$ 24,298.38
Federal Grants	\$ 44,287.10	\$ 20,987.10	\$ (23,300.00)	\$ -
General Levy	\$ 263,481.94	\$ 83,493.71	\$ (179,988.23)	\$ 176,763.10
Special Benefiting Levy	\$ 49,250.10	\$ -	\$ (49,250.10)	\$ 6,100.00
Employment Program Grants	\$ 18,732.00	\$ -	\$ (18,732.00)	\$ -
Donations/Sponsorships	\$ 36,150.00	\$ 36,739.64	\$ 589.64	\$ 28,550.01
Conservation Areas Revenue	\$ 473,500.00	\$ 118,177.54	\$ (355,322.46)	\$ 116,137.04
Maple Syrup Revenue	\$ 55,350.00	\$ 47,111.11	\$ (8,238.89)	\$ 54,457.86
Bank Interest Earned	\$ 5,400.00	\$ -	\$ (5,400.00)	\$ -
Information & Education	\$ 7,500.00	\$ -	\$ (7,500.00)	\$ 184.00
Legal Inquiries/Permit Applications	\$ 4,000.00	\$ 2,707.96	\$ (1,292.04)	\$ 628.31
Trees/Planting/Spraying	\$ 3,750.00	\$ 738.72	\$ (3,011.28)	\$ -
Woodlot Management	\$ 1,500.00	\$ 353.98	\$ (1,146.02)	\$ -
Watershed Stewardship Projects	\$ 10,000.00	\$ 8,500.00	\$ (1,500.00)	\$ -
Water Quality/Quantity Programs	\$ 500.00	\$ -	\$ (500.00)	\$ -
Revenue from Other C.A. Lands	\$ 12,350.00	\$ 11,140.00	\$ (1,210.00)	\$ 18,345.74
Other Revenue	\$ 6,723.42	\$ 5,491.53	\$ (1,231.89)	\$ 1,730.77
Contract Services	\$ 780.00	\$ -	\$ (780.00)	\$ 260.00
Vehicle & Equipment Rental Recoveries	\$ 38,175.00	\$ 5,812.93	\$ (32,362.07)	\$ 8,904.81
Previous Year Surplus (Deficit)	\$ (10,490.46)	\$ (10,490.46)	\$ -	\$ 376.83
Income Appropriation from Special Reserves	\$ 24,077.49	\$ -	\$ (24,077.49)	\$ -
Income Appropriation from General Reserves	\$ 88,832.59	\$ -	\$ (88,832.59)	\$ -
	\$ 1,305,873.10	\$ 355,104.61	\$ (950,768.49)	\$ 436,736.85

	2017 Budget	Received To Date	Difference
<b>DONATIONS/SPONSORSHIPS</b>			
Fish Stocking	\$ 1,000.00	\$ 1,000.00	\$ -
Springwater Event Sponsorships	\$ 1,000.00	\$ -	\$ (1,000.00)
Annual Report	\$ 1,250.00	\$ 1,250.00	\$ -
Environmental Education	\$ 4,000.00	\$ 4,000.00	\$ -
EESS ELP Sponsorships	\$ 7,500.00	\$ 7,284.80	\$ (215.20)
Community Forest	\$ 250.00	\$ -	\$ (250.00)
Forestry Projects	\$ -	\$ 10,500.00	\$ 10,500.00
Maple Syrup Program	\$ 5,500.00	\$ 7,650.00	\$ 2,150.00
Springwater Forest Trails	\$ 8,500.00	\$ 4,709.70	\$ (3,790.30)
Archie Coulter C.A. Trails	\$ 650.00	\$ 345.14	\$ (304.86)
YNHA	\$ 3,500.00	\$ -	\$ (3,500.00)
Springwater C.A. Development	\$ 1,500.00	\$ -	\$ (1,500.00)
Ontario Police College Path of Honour	\$ 1,500.00	\$ -	\$ (1,500.00)
<b>TOTAL Donations/Sponsorships</b>	\$ 36,150.00	\$ 36,739.64	\$ 589.64

**SUMMARY OF EXPENDITURES**

for the period ending April 30, 2017

	2017 Budget	2017 To Date	Balance	2016 To Date
<b>ADMINISTRATION</b>				
A-1 Wages & Benefits	\$ 97,676.87	\$ 33,918.17	\$ 63,758.70	\$ 33,928.19
A-2 Travel Exp. & Allow.	\$ 8,301.05	\$ 214.10	\$ 8,086.95	\$ 191.07
A-3 Equip. Purchase & Rental	\$ 9,025.00	\$ 2,826.38	\$ 6,198.62	\$ 2,785.72
A-4 Materials & Supplies	\$ 4,150.00	\$ 889.08	\$ 3,260.92	\$ 1,114.72
A-5 Rent & Utilities	\$ 15,909.64	\$ 3,589.24	\$ 12,320.40	\$ 3,174.43
A-6 General Expenses	\$ 37,107.00	\$ 23,358.66	\$ 13,748.34	\$ 23,025.96
<b>TOTAL</b>	<b>\$ 172,169.56</b>	<b>\$ 64,795.63</b>	<b>\$ 107,373.93</b>	<b>\$ 64,220.09</b>
<b>FLOOD FORECASTING &amp; WARNING</b>				
F4-2 Flood Control Structures	\$ 11,692.00	\$ 4,281.43	\$ 7,410.57	\$ 4,570.26
F4-4 Flood Forecasting & Warning	\$ 152,964.81	\$ 54,352.86	\$ 98,611.95	\$ 57,063.83
F4-5 Ice Management	\$ 95,600.20	\$ 71,834.67	\$ 23,765.53	\$ 12,809.92
F4-6 Plan Input	\$ 34,034.62	\$ 12,347.24	\$ 21,687.38	\$ 12,900.82
F4-71 Watershed Planning	\$ 13,302.94	\$ 4,457.26	\$ 8,845.68	\$ 4,889.98
F4-72 Technical Studies (GIS)	\$ 9,119.26	\$ 2,731.15	\$ 6,388.11	\$ 2,896.47
<b>TOTAL</b>	<b>\$ 316,713.83</b>	<b>\$ 150,004.61</b>	<b>\$ 166,709.22</b>	<b>\$ 95,131.28</b>
<b>OTHER PROGRAM AREAS</b>				
B-1 Information & Education	\$ 27,570.29	\$ 6,309.58	\$ 21,260.71	\$ 6,581.03
E-1 Extension Services - Tree Planting Community Forest	\$ 29,433.27	\$ 21,216.19	\$ 8,217.08	\$ 9,139.59
E-1 Extension Services - Woodlot Management	\$ 7,422.44	\$ 1,961.64	\$ 5,460.80	\$ 2,885.91
E-1 Extension Services - Watershed Stewardship	\$ 40,755.92	\$ 21,298.10	\$ 19,457.82	\$ 110.09
E4-1 Fish & Wildlife Habitat	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 105,181.92</b>	<b>\$ 50,785.51</b>	<b>\$ 54,396.41</b>	<b>\$ 18,716.62</b>
<b>CAPITAL &amp; SPECIAL PROJECTS</b>				
Water Management Programs	\$ 32,388.92	\$ 7,731.85	\$ 24,657.07	\$ 8,847.95
Springwater C.A. Development	\$ 13,546.16	\$ 383.96	\$ 13,162.20	\$ 35,073.82
Special Projects	\$ 3,000.00	\$ 824.04	\$ 2,175.96	\$ 101.74
<b>TOTAL</b>	<b>\$ 48,935.08</b>	<b>\$ 8,939.85</b>	<b>\$ 39,995.23</b>	<b>\$ 44,023.51</b>
<b>CONSERVATION AUTHORITY LANDS</b>				
Springwater Operation & Maint	\$ 488,348.80	\$ 92,667.05	\$ 395,681.75	\$ 99,221.24
Vehicle & Equipment Pool Exp.	\$ 57,455.00	\$ 11,372.82	\$ 46,082.18	\$ 39,090.82
Maple Syrup	\$ 57,522.11	\$ 48,265.23	\$ 9,256.88	\$ 49,316.68
Other C.A. Lands	\$ 59,546.80	\$ 10,922.47	\$ 48,624.33	\$ 17,940.92
<b>TOTAL</b>	<b>\$ 662,872.71</b>	<b>\$ 163,227.57</b>	<b>\$ 499,645.14</b>	<b>\$ 205,569.66</b>
<b>APPROPRIATION TO GENERAL RESERVES</b>	\$ -	\$ -	\$ -	\$ -
<b>APPROPRIATION TO SPECIAL RESERVES</b>	\$ -	\$ -	\$ -	\$ -
<b>GRAND TOTAL</b>	<b>\$ 1,305,873.10</b>	<b>\$ 437,753.17</b>	<b>\$ 868,119.93</b>	<b>\$ 427,661.16</b>



Susan Mann,  
Financial Services Coordinator

REPORT FA 19 / 2017 : TO THE FULL AUTHORITY

FROM: Susan Mann, Financial Services Coordinator  
 SUBJECT: Accounts Payable  
 DATE: May 5, 2017

VENDOR	CHQ #	TOTAL	EXPLANATION
Mimosa Springs Rainbow Trout Farm payroll items (27276-27286)	27275	1,000.00	stocked Rainbow Trout for Trout Fishing Program
Hydro One	27287	1,123.96	campground and office
CBSC Capital Inc.	27288	955.98	photo copier lease
Hydro One payroll items (27290-27300)	27289	332.46	schoolhouse and gauge
Bell Canada	27301	88.07	gauge
Hydro One	27302	130.78	day use area
Desjardins Card Services (Staples)	IDP	969.99	office supplies / computer equipment
Aylmer Express Limited	27303	729.17	advertising and supplies for campground
Aylmer Home Hardware	27304	84.31	campground supplies
Aylmer Tire	27305	2,205.60	equipment maintenance
Buttonbush Farm	27306	750.00	trees for Malahide Roadside Tree Planting Assistance Program
Canadian Tire	27307	113.47	campground supplies
Canadian TODS Limited	27308	542.40	highway signage
Clean Solutions & Supplies Ltd.	27309	2,164.07	campground supplies
Dowler Karn Propane Ltd.	27310	116.57	shop heat fuel
Dunlop, Teresa	27311	100.00	seasonal camping refund
Elgin Pure Water	27312	136.20	campground maintenance
Erie Draglines	27313	10,848.00	ice breaking services for Port Bruce
Glenbriar Bottled Water Co. Ltd.	27314	11.24	water cooler rental
Hamilton, Ward, & Cathers Insurance	27315	11,182.58	installment 1 of 3 : general insurance premiums
Humber, Katherine	27316	955.00	seasonal camping refund
Hydro One	27317	45.47	gauge
Kathy's Catering	27318	554.83	refreshments for AGM
Max Underhill's Farm Supply Ltd.	27319	183.02	campground maintenance
Molly Maid	27320	158.00	administration centre cleaning service
Postmedia Network Inc.	27321	318.10	advertising for campground
Purolator Courier	27322	4.43	courier fees
Secord Home Building Centre	27323	605.06	campground maintenance
Smale, Kim	27324	156.60	mileage reimbursement
St. Williams Nursery & Ecology Centre	27325	13,214.45	seedlings for resale
TSC Stores L.P.	27326	275.69	Springwater Capital Development
Union Pipe & Supply	27327	204.53	campground maintenance
Universal Field Supplies	27328	735.65	supplies for Envirothon (to be reimbursed)
Vandenbrink Farm Equipment Inc.	27329	742.16	equipment maintenance
Wise Line Tools Inc	27330	171.76	small tools
Yarmouth Metal Fabricators	27331	8,588.00	Springwater Capital Development

\$ 60,497.60

**RECOMMENDATION:**

THAT, Accounts Payable totalling \$60,497.60 , be approved for payment as presented in Report FA 19 / 2017.

Susan Mann,  
 Financial Services Coordinator

**Report FA 20 / 2017 : To The Full Authority**

**FROM:** Ed Pietrzak, Conservation Areas Supervisor  
Susan Mann, Financial Services Coordinator

**SUBJECT:** Maple Syrup Program Summary

**DATE:** May 4, 2017

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**PURPOSE:**

To summarize the 2017 Springwater Maple Syrup Program.

**DISCUSSION:**

The Springwater Maple Syrup Program consists of the following components: Environmental Education; Maple Syrup Festival; Maple Syrup Retail Sales.

**Environmental Education:**

The Maple Syrup Education Program was jointly delivered by the staff of the Jaffa Environmental Education Centre (JEEC) who covered the sugar bush and maple tree tapping component. The CCA covered the history of syrup production at the Sugar Shanty location.

Education Programs were provided during the months of February - April and were attended by students from the TVDSB, and several area private and home schools.

Final attendance and revenue figures for this component of the program are shown on the attached spreadsheets.

**Festival:**

The Festival ran for four (4) weekends and throughout the week of March Break with the assistance of many community volunteers.

Sponsorships generated \$7,650.00 in revenue for the Festival from the following list of local businesses.

A1 Unique Installations	Huron Tractor	Steelway Building Systems
Aaroc Aggregates	IGPC Ethanol	Vandenbrink Farm
Aylmer Tire	Imperial Road Animal	Equipment
Babb's Electric	Hospital	Waydan Auto Repair
Cam's Heating and Air	K&K Locksmiths	Williams Funeral Home
Conditioning	Koolen Electric	Wilson Well Drilling
Dale Equipment Centre	Laemers Excavating	Wiltsie Truck Bodies
Dowler Karn	Natural Resource Gas Ltd.	Yarmouth Crane
Exact Septic Installations	Parker Fuels Ltd.	Zap's Tree Service
H.A. Keibel Funeral Home	Springwater Packers	

The Pancake House was in operation each weekend and during the March Break thanks to different community groups and organizations.

**Sales:**

The total sales of maple syrup products and candy in 2017 are shown on the attached spreadsheets.

**GENERAL COMMENTS:**

Unfavorable weather conditions during the month of March had an overall negative impact on sales and attendance.

**RECOMMENDATION:**

THAT, the 2017 Maple Syrup Financial and Statistical Summary be received as information at this time; and further,

That, staff be directed to undertake a detailed operational and financial review of the program in consultation with the Jaffa Environmental Education Centre to determine any efficiencies and improvements for 2018.



Ed Pietrzak  
Conservation Areas Supervisor



Susan Mann  
Financial Services Coordinator

**CATFISH CREEK CONSERVATION AUTHORITY  
 SPRINGWATER CONSERVATION AREA  
 MAPLE SYRUP PROGRAM  
 FINANCIAL ANALYSIS**

	2013	2014	2015	2016	2017
<b>REVENUE</b>					
School Groups	\$ 6,175.00	\$ 11,942.00	\$ 10,852.50	\$ 11,242.50	\$ 12,480.00
Tours	\$ 2,194.25	\$ 2,065.00	\$ 2,550.00	\$ 1,996.50	\$ 2,291.00
Admissions	\$ 16,080.22	\$ 14,038.28	\$ 16,163.84	\$ 14,370.53	\$ 8,361.46
Facility Rental	\$ 1,548.67	\$ 1,637.17	\$ 1,964.61	\$ 1,473.46	\$ 1,345.13
Maple Syrup Products	\$ 28,806.97	\$ 27,609.72	\$ 25,898.51	\$ 25,080.78	\$ 22,633.52
SubTotal (Revenue Generated)	\$ 54,805.11	\$ 57,292.17	\$ 57,429.46	\$ 54,163.77	\$ 47,111.11
Grants: Celebrate Ontario	N/A	N/A	N/A	N/A	N/A
Grants: OMAFRA	N/A	\$ 2,500.00	N/A	N/A	N/A
Sponsorships	\$ 5,200.00	\$ 6,175.00	\$ 5,375.00	\$ 6,925.00	\$ 7,650.00
<b>TOTAL REVENUE</b>	<b>\$ 60,005.11</b>	<b>\$ 65,967.17</b>	<b>\$ 62,804.46</b>	<b>\$ 61,088.77</b>	<b>\$ 54,761.11</b>
<b>EXPENSES</b>					
Advertising	\$ 1,488.19	\$ 1,581.18	\$ 1,171.24	\$ 972.82	\$ 1,115.57
Operating Expenses	\$ 4,977.28	\$ 9,160.26	\$ 5,488.41	\$ 3,995.77	\$ 3,907.91
Resaleable Supplies	\$ 19,171.07	\$ 19,273.42	\$ 17,703.30	\$ 17,128.64	\$ 16,293.12
Vehicle/Equipment Rentals	\$ 1,365.52	\$ 2,199.22	\$ 2,698.16	\$ 2,360.54	\$ 2,787.34
Wages & Benefits	\$ 23,249.75	\$ 20,130.96	\$ 24,851.82	\$ 22,230.91	\$ 18,351.29
Food Traceability Project	N/A	N/A	N/A	N/A	N/A
Celebrate Ontario Project	N/A	N/A	N/A	N/A	N/A
<b>TOTAL EXPENSES</b>	<b>\$ 50,251.81</b>	<b>\$ 52,345.04</b>	<b>\$ 51,912.93</b>	<b>\$ 46,688.68</b>	<b>\$ 42,455.23</b>
<b>NET INCOME</b>	<b>\$ 9,753.30</b>	<b>\$ 13,622.13</b>	<b>\$ 10,891.53</b>	<b>\$ 14,400.09</b>	<b>\$ 12,305.88</b>



**CATFISH CREEK CONSERVATION AUTHORITY  
 SPRINGWATER CONSERVATION AREA  
 MAPLE SYRUP PROGRAM  
 YEARLY STATISTICS**

<b>ATTENDANCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
General Admissions	2321	1515	1664	1584	876
Childrens Admissions	1663	1221	1443	1062	632
<b>Total Festival Admissions</b>	<b>3984</b>	<b>2736</b>	<b>3107</b>	<b>2646</b>	<b>1508</b>
School Tours	950	1706	1447	1499	1560
Cost Per Student	\$6.50	\$7.00	\$7.50	\$8.00	\$8.00
Other Tours	330	77	340	252	286

<b>PRODUCT SALES</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
4 Litre	137	86	103	98	92
2 Litre	163	116	123	124	118
1 litre	319	293	280	296	253
500 ml.	307	291	229	231	194
250 ml.	192	155	159	189	134
Maple Butter	118	125	117	128	160
Maple Leaves (3 pack)	1340	1326	1106	1208	1016
Maple Candy Tins	N/A	400	274	119	221
Maple Cones	N/A	192	324	N/A	N/A
Maple Leaf Hard Candy	1500	800	1250	875	1078
Lollipops	7500	4000	4000	3400	2700
Maple Toffee	2500	3000	2000	1875	1220
Colouring Books	225	237	207	223	224

**REPORT FA 21 / 2017 : To The Full Authority**

**FROM:** Kim Smale, General Manager / Secretary-Treasurer

**SUBJECT:** Summer Employment Programs

**DATE:** May 3, 2017

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Purpose:

To provide the Board with an update on the Summer Employment Programs approved for 2017.

Discussion:

The following tables outline the various Summer Employment Programs approved for the Catfish Creek Conservation Authority for 2017 in comparison to 2016.

<b>Sponsoring Agency</b>	<b>Name of Program</b>	<b># of Participant</b>	<b>Total Hours</b>	<b>2017 Total Funding</b>
Ministry of Natural Resources and Forestry	Summer Experience Opportunities	2	493	\$6,195.70
Service Canada	Canada Summer Jobs	5	1,350	\$17,393.00

<b>Sponsoring Agency</b>	<b>Name of Program</b>	<b># of Participants</b>	<b>Total Hours</b>	<b>2016 Total Funding</b>
Ministry of Natural Resources and Forestry	Summer Experience Opportunities	2	493	\$6,114.18
Service Canada	Canada Summer Jobs	4	1,590	\$20,213.00

RECOMMENDATION:

THAT, the Full Authority acknowledge receipt of the information on the 2017 Summer Employment Programs as outlined in Report FA 21/ 2017.

  
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Kim Smale  
General Manager / Secretary-Treasurer

**REPORT FA 22 / 2017 : To The Full Authority**

**FROM:** Kim Smale, General Manager / Secretary-Treasurer  
**SUBJECT:** Southwestern Ontario Regional Envirothon Competition  
**DATE:** May 4, 2017

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Purpose:

To provide the members with a synopsis of the Southwestern Ontario Regional Envirothon Competition held at the Springwater Conservation Area on May 2<sup>nd</sup>, 2017.

Discussion:

This competition is a one-day event whose purpose is to allow students to expand and test their knowledge and develop their problem solving, teamwork, and critical thinking skills in an interactive manner. Each Envirothon team consists of five (5) high school students, who work together to complete the various tasks presented to them. The winning Regional Team goes on to compete at the Ontario Provincial Envirothon Competition which takes place the second week of May.

A total of 19 teams from East Elgin Secondary School, West Elgin Secondary School, Strathroy District Collegiate Institute, Saunders Secondary School, A. B. Lucas Secondary School, London Central Secondary School, Catholic Central High School, Valley Heights Secondary School, and Ursuline College competed in the competition at Springwater. The competition included four (4) eco-stations focused on the Envirothon core topics of Forestry, Soils, Aquatics and Wildlife as well as an Oral Presentation on Groundwater Protection..

Judges for the competition included Betsy McClure, Jim Jenkins and the CCCA General Manager / Secretary-Treasurer. Team 17 from East Elgin Secondary School scored the highest overall marks and was selected as the Regional Champions.

Special thanks to the CCCA (host), Elgin Stewardship Council (sponsor), Forests Ontario, Ridgetown College / University of Guelph, St. Thomas Field Naturalists, Ron Casier and all the Volunteers for making the day a huge success.

RECOMMENDATION:

THAT, Report FA 22/2017, be noted and filed.



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Kim Smale  
General Manager / Secretary-Treasurer

**REPORT FA 23 / 2017 : To The Full Authority**

**FROM:** Kim Smale, General Manager / Secretary-Treasurer

**SUBJECT:** Draft Lake Erie Action Plan

**DATE:** May 5, 2017

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Purpose:

To update the members on the status of the Canada - Ontario Draft Action Plan for achieving phosphorous reductions in Lake Erie.

Discussion:

On March 10, 2017, Canada and Ontario released for public comment a draft Action Plan to reduce phosphorous loads to Lake Erie. The document is available for comment at [www.letstalklakeerie.ca](http://www.letstalklakeerie.ca) and [www.ebr.gov.on.ca](http://www.ebr.gov.on.ca) until May 24, 2017.

The draft Action Plan has been developed based on input received from key sectors and communities during engagement sessions last year, and comments received through Ontario's Policy Proposal Notice (EBR #012-8760), which was posted on the Environmental Registry on October 6, 2016.

The General Manager / Secretary-Treasurer attended a Conservation Authority Engagement Session on April 25<sup>th</sup> in Ingersoll to discuss the draft Canada – Ontario Action Plan for Lake Erie. The session was hosted by Environment and Climate Change Canada and the Ministry of the Environment and Climate Change.

The purpose of the session was to generate input and ideas to help finalize the Action Plan by 2018 and to solicit the support of the Conservation Authorities to partner on the implementation of the proposed actions. Each attendee was provided with a copy of the attached Engagement Session Discussion Guide for reference during the session.

RECOMMENDATION:

THAT, the Catfish Creek Conservation Authority agrees in principle to partner with Environment and Climate Change Canada and the Ministry of the Environment and Climate Change to assist with the implementation of the strategic actions identified in the Canada – Ontario Draft Action Plan for achieving phosphorus reductions in Lake Erie from Canadian sources.



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Kim Smale  
General Manager / Secretary-Treasurer

# The Canada-Ontario Draft Action Plan

## Partnering in Phosphorus

### Control:

Achieving  
Phosphorus  
Reductions in Lake  
Erie from  
Canadian  
Sources



**Engagement Session Discussion Guide**



## Overview

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The Canada-Ontario Agreement Partners have identified several strategic actions grouped under five categories. Each strategic action encompasses a number of tactics – specific actions that are underway or are planned for the future, to achieve the goals of this draft Action Plan.

During the engagement session participants will have an opportunity to review the actions that have been identified in the draft Action Plan, and identify any other actions that they feel should be taken.

Category A: Reduce Phosphorus Loadings

Category B: Ensure Effective Policies, Programs and Legislation

Category C: Improve the Knowledge Base

Category D: Educate and Build Awareness

Category E: Strengthen Leadership and Coordination

**Please note:** This document is intended to support discussion during engagement sessions; comments provided in this document do not constitute a formal submission. Please refer to the back of the guide for instructions on how to formally submit your comments.



Category A:

## Reduce Phosphorus Loadings



The Canada-Ontario Agreement Partners have identified a range of on-the-ground actions to reduce phosphorus loadings from urban, agricultural and rural lands.

Actions taken to Reduce Phosphorus Loadings could include, but are not limited to:

### **A1: Support watershed and nearshore-based strategies and community-based planning for reducing phosphorus loadings**

1. Canada and Ontario will collaborate with landowners, municipalities, conservation authorities, First Nations and Metis communities and others on a coordinated approach to watershed planning for reducing phosphorus loadings.
2. Canada and Ontario will work with partners to implement existing watershed plans focussed on reducing phosphorus loadings in the Lake Erie basin, and develop new ones where required.
3. Canada and Ontario will explore the development of a multi-agency program(s) that supports the implementation of local actions within high risk areas for phosphorus loadings in the western and central Lake Erie basins.
4. Canada will lead with Ontario's support the implementation of the binational nearshore assessment management framework for Lake Erie.
5. Canada and Ontario will continue to participate in partnerships such as the Ontario Eastern Habitat Joint Venture to promote and conserve Ontario's wetlands.

### **A2: Reduce phosphorus loadings from urban areas**

1. Ontario will work with municipal partners in establishing a legal effluent discharge limit of 0.5 milligrams per litre of total phosphorus for all municipal sewage treatment plants (STP's) in the Lake Erie basin that have an average daily flow capacity of 3.78 million litres or more per day. Ontario and its municipal partners will work towards reducing loadings, where feasible, through: (1) upgrades and other modifications to secondary STPs that have an average daily flow capacity of 3.78 million litres or more per day in the Lake Erie basin, with an objective of approaching the phosphorus effluent



concentrations achievable through a tertiary level of treatment; (2) improvements to wastewater treatment and collection infrastructure to reduce combined sewer overflows and bypasses, and (3) improvements to stormwater management systems (including facility rehabilitation and incorporation of green infrastructure).

2. Ontario will collaborate with municipal partners to promote and encourage optimization of sewage treatment as a way for municipalities to improve treatment plant performance (including lower phosphorus discharges) and achieve operational efficiencies. Ontario will also continue supporting area-wide optimization programs for municipal STPs to reduce phosphorus loads, and make Lake Erie the priority geography for this effort.
3. Canada and Ontario will promote eligible investments for the reduction of excess phosphorus from point sources such as municipal wastewater treatment systems or municipal stormwater effluent under applicable infrastructure and other funding programs.
4. Ontario will work with developers, municipalities, conservation authorities, and others 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. Ontario's draft stormwater LID guidance manual is aimed at assisting proponents in implementing LID and green infrastructure, and will be available for public comment in early 2017.

### **A3: Reduce phosphorus loadings from agricultural and rural areas**

1. Canada and Ontario will continue to leverage existing funding initiatives to 2018 (e.g., Growing Forward 2, Great Lakes Agricultural Stewardship Initiative, and the Species at Risk Farm Incentive Program) to support implementation of agricultural BMPs and environmental investments in targeted regions of the Lake Erie basin.
2. Canada and Ontario will pursue, under the next agriculture policy framework, programming that supports a multi-BMP whole farm approach to achieve phosphorus runoff reduction from farmland in the western and central basin of Lake Erie.
3. Ontario will continue to support the development and implementation of 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.

4. Ontario in collaboration with the greenhouse sector will continue working with greenhouse growers to encourage nutrient recycling and reduce phosphorus levels in discharges to watercourses that flow into Lake Erie with a priority on the Leamington area and Thames River. Actions include education, awareness, innovation, monitoring, cost-shared investments and regulatory compliance and enforcement. 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.
5. Ontario will work with the Lake Erie community to implement restoration of native habitats including wetlands, and riparian habitat; focusing efforts in priority watersheds where phosphorus loadings are high and natural cover is low.
6. Ontario will encourage stewardship activities on private lands that support phosphorus reduction in Lake Erie by providing incentives for landowners through programs such as the Conservation Land Tax Incentive Program (CLTIP) and the 50 Million Tree Program.
7. Canada and Ontario will ensure public land is managed to minimize phosphorus losses.
8. Canada and Ontario will encourage dam owners to explore managing dams to reduce phosphorus outputs (without compromising aquatic invasive species management or hydroelectric power generation).



### Discussion Questions:

1. Do you have any feedback or input on the proposed actions outlined in this category?



2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions do your organization/community plan to undertake under this category?



3. Do you have any additional comments related to this category?



Category B:

Ensure Effective Policies, Programs and Legislation



### **B1: Support and strengthen policies, programs and legislation**

1. Canada and Ontario will, in cooperation with the U.S. counterparts, develop phosphorus load reduction targets to reduce nuisance algae in the eastern basin of Lake Erie.
2. Ontario will consider further restriction on the application of nutrients during the non-growing season.
3. Ontario will continue to phase in farms under the Nutrient Management Act through building permit approvals.
4. Ontario will finalize and implement a new Agricultural Soil Health and Conservation Strategy developed in collaboration with stakeholders, to support agricultural soil management practices that provide economic, environmental and social benefits to Ontario and maximize long-term carbon storage in soils while protecting their long-term productivity.
5. Ontario will, in 2018, begin a review of the province's approach to rural stormwater and agricultural drainage management using an integrated watershed approach. This will include an examination of the interactions between runoff from rural lands and roads, outlet drainage from agricultural lands, and municipal drains with the objective of identifying opportunities to improve the sustainable management of water.
6. Ontario will provide updated guidance to stormwater management and municipal planning to support the implementation of policies in the Provincial Policy Statement (2014).
7. Ontario will, in collaboration with partners, consider enhancing and clarifying regionalized requirements for mandatory pump-out and inspections of septic systems to increase protection of ground and surface water quality.
8. Ontario will, as part of the hauled sewage policy and program review, develop, and post in 2017 for public comment, a draft policy framework for managing hauled sewage in the province.
9. Canada will continue to work on revisions to the Feeds Regulations that would remove minimum nutrient levels for livestock feeds (including phosphorus). This is anticipated



to be enacted in 2018 and will enable the industry to be more flexible and decrease levels of phosphorus in feeds, where it makes sense to do so. This is anticipated to result in a corresponding reduction in phosphorus content of manure.

10. Ontario will, through the implementation of the proposed Wetland Conservation Strategy for Ontario, improve wetland protection through strengthened policies to stop the net loss of wetlands and sustain ecosystem services, including improved water quality.
11. Ontario will work with partners to update provincial policies for Lake Erie, in order to provide the basis for establishing a legal effluent discharge limit of 0.5 milligrams per litre of total phosphorus for all municipal sewage treatment plants (STPs) in the Lake Erie basin that have an average daily flow capacity of 3.78 million litres or more per day.
12. Ontario will update existing wastewater policies (F-series Guidelines and Procedures), and develop stormwater management policies and supporting guidance (e.g, low impact development and green infrastructure) to enhance environmental protection, including reduction of nutrient loadings.
13. Ontario will streamline processes for environmental assessment and approvals related to Lake Erie municipal wastewater projects, where feasible.

## **B2: Strengthen decision-making tools**

1. Ontario with Canada's support will, in 2018 make publicly available a digital elevation model of the Lake Erie watershed (based on LiDAR technology) to assist all members of the Lake Erie community in making evidence-based decisions (e.g., flood mapping, areas of soil erosion risk identification, precision agriculture) to ensure healthy lands and waters.
2. Ontario will work with municipalities to encourage the development of decision-making tools that help manage phosphorus in urban stormwater at the source.



### Discussion Questions:

1. Do you have any feedback or input on the proposed actions outlined in this category?



2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions do your organization/community plan to undertake under this category?





3. Do you have any additional comments related to this category?



Category C:

Improve the Knowledge Base



### **C1: Conduct monitoring and modeling**

1. Canada will measure phosphorus loads to Lake Erie from selected Canadian tributaries.
2. Canada will continue to monitor and assess biota and water quality conditions in Lake Erie through the Great Lakes Surveillance Program.
3. Canada will continue to collect and coordinate hydraulic and hydrologic data, including maintaining Canada's role on the Canada U.S. Coordinating Committee on Great Lakes Basin Hydraulic and Hydrologic Data to ensure accurate flow information is available to calculate seasonal and annual phosphorus loads.
4. Ontario will continue 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.
5. Canada and Ontario will continue to deploy real-time monitoring systems in Lake Erie to monitor temperature, dissolved oxygen and algal pigments which allows tracking of hypoxia and lake stratification.
6. Canada will continue to develop Soil and Water Assessment Tool models for the Thames River which will allow for BMP scenario testing.
7. Canada will continue 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).

### **C2: Conduct research to better understand nutrient dynamics in the Lake Erie basin**

1. Ontario will continue a multi-watershed nutrient study, to assess the interaction between agricultural land use and nutrient loadings in streams in the Great Lakes basin.
2. Ontario will support and conduct research on the use of sensor-based technology for monitoring phosphorus and associated parameters.
3. Canada and Ontario will continue research to improve understanding of factors contributing to toxic and nuisance algae and their impacts on water quality and ecosystem health.



4. Ontario will lead, with Canada's support, the undertaking of a monitoring and research project in Lake St. Clair/Lower Thames to better understand the source and types of phosphorus that are contributing to algal growth.
5. Canada will lead, with Ontario's support, research and monitoring to improve understanding of invasive mussels and their influence on phosphorus dynamics and Cladophora growth in the eastern basin of Lake Erie.
6. Ontario will work with the Lake Erie community to conserve and manage aquatic habitat and the fish community to maintain fish population health and resiliency.
7. Ontario will lead research on the bioaccumulation of the algal toxin microcystin in fish tissue to better understand its impact on human health.

**C3: Conduct research to better understand and predict the impact of climate change on the Lake Erie ecosystem.**

1. Canada will run existing watershed simulation models under different climate change scenarios.
2. Ontario will consider climate change in all of its research and monitoring efforts relating to Lake Erie.

**C4: Conduct research to improve existing practices and develop new innovative practices and technologies to reduce phosphorus loadings**

1. Ontario will continue to leverage government research programs and initiatives (e.g., New Directions, OMAFRA – University of Guelph Partnership) to fund needed research and new technologies to test and improve agricultural BMPs for phosphorus reduction.
2. Canada and Ontario will continue to research the effectiveness of BMPs in reducing phosphorus losses from agricultural land during typical and extreme weather events.
3. Canada will continue to identify the capacity and progress of different agricultural production systems in implementing activities that reduce the risk of nutrient loss.
4. Canada will continue to develop and assess methods for evaluating sustainable phosphorus levels in soils.
5. Canada and Ontario will conduct research to improve modeling capability to quantify phosphorus reductions from BMPs at a landscape scale.



6. Canada and Ontario will investigate current (baseline) and future adoption of BMPs within the Lake Erie basin and within selected sub-watersheds to inform monitoring efforts and progress toward targets.
7. Ontario will investigate social, economic and environmental determinants impacting BMP adoption.
8. Ontario will support studies that improve understanding of the correlation between phosphorus load reduction and high uptake of low impact development/green infrastructure.
9. Canada and Ontario will work with partners to measure effectiveness of wetlands and other natural heritage features in reducing phosphorus through overland flow into watercourses.
10. Canada and Ontario will evaluate the feasibility of using economic instruments to achieve phosphorus reductions.



### Discussion Questions:

1. Do you have any feedback or input on the proposed actions outlined in this category?



2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions do your organization/community plan to undertake under this category?



3. Do you have any additional comments related to this category?



Category D:

Educate and Build Awareness



### **D1: Enhance communication and outreach to build awareness, improve understanding and influence change**

1. Canada and Ontario will develop a digital marketing campaign to build awareness of the need for actions to reduce phosphorus in the Lake Erie basin.
2. Canada and Ontario will, in collaboration with the Lake Erie community, enhance the awareness of the impacts of phosphorus on aquatic ecosystems.
3. Ontario will work with the agricultural sector to communicate the practices for responsible nutrient management, including soil testing to determine appropriate phosphorus requirements.
4. Ontario will, in partnership with the agricultural sector, continue 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.
5. Ontario will 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.
6. Ontario will by 2018 develop a provincial award to recognize excellence, innovation and leadership in demonstrating environmental action at the farm level in the Lake Erie basin.
7. Ontario will facilitate an event, by March 2018, showcasing the adoption of leading municipal approaches to integrated stormwater management.

### **D2: Share data and information**

1. Canada and Ontario will make relevant long-term data and information on Lake Erie public as it becomes available.
2. Ontario will work with its partners to provide an annual update on Lake Erie through its website, and report on Lake Erie as part of the progress report required every three years under Ontario’s Great Lakes Protection Act, 2015.





### Discussion Questions:

1. Do you have any feedback or input on the proposed actions outlined in this category?



2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions do your organization/community plan to undertake under this category?



3. Do you have any additional comments related to this category?



Category E:

Strengthen Leadership and Coordination



### **E1: Improve communication and coordination**

1. Canada and Ontario will engage First Nations and Metis communities to facilitate their participation and input in the development and implementation of the Action Plan. This will include consideration of Traditional Ecological Knowledge from First Nations and Metis if offered.
2. Canada and Ontario will build on existing governance structures to implement the Action Plan.
3. Canada and Ontario will update the Great Lakes community on progress in implementing the Action Plan through opportunities such as webinars, forums and meetings.
4. Canada and Ontario will coordinate research, monitoring and modelling activities to improve scientific efforts towards phosphorus reduction on an annual basis.

### **E2: Establish an adaptive management framework**

1. Canada and Ontario will assess and report on progress towards achieving phosphorus reduction actions and targets in 2023 and every five years thereafter.
2. Canada and Ontario will use the binational metrics developed to establish the phosphorus loading targets, as a foundation for establishing a suite of performance measures, and will adjust as necessary to ensure existing metrics are feasible and sustainable.
3. Canada and Ontario will develop land based performance measures to track changes to land use and management over time.
4. Canada and Ontario will work with the U.S. federal and state agencies and other partners to develop a binational information platform to track progress towards meeting the phosphorus reduction targets to reduce cyanobacteria in the western basin (e.g., through GLWQA Nutrients Annex and the Great Lakes Commission's ErieStat project).



## Discussion Questions:

1. Do you have any feedback or input on the proposed actions outlined in this category?



2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions do your organization/community plan to undertake under this category?



3. Do you have any additional comments related to this category?



**Other feedback, comments or notes:**





## How to Submit Feedback



Stakeholders and community members are encouraged to review the draft action plan, which can be found on Ontario's Environmental Registry website [www.ontario.ca/EBR](http://www.ontario.ca/EBR) by searching the EBR registry number 012-9971 or on Canada's engagement platform website [www.letstalklakeerie.ca](http://www.letstalklakeerie.ca), and submit any feedback on the draft plan through either website by May 24, 2017. The input received will inform the final action plan for the Canadian side of Lake Erie. If you have any questions regarding the draft action plan, please contact:

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Commenters are encouraged to consider the following questions as they prepare their submission:

1. Do you have any feedback or input on the proposed actions outlined in this document?
2. Many agencies, stakeholders, and other partners have a role in reducing phosphorus loadings to Lake Erie. What actions does your organization/community plan to undertake as part of the Action Plan?
3. How do you see regional or local planning initiatives linking with or fitting into the implementation of this plan?
4. What do you see as the most significant barriers to reducing phosphorus loadings to Lake Erie? Do you have any suggestions for overcoming these barriers?
5. As all sectors and communities within the Lake Erie basin need to take action to reduce phosphorus loads, do you have any recommendations on how to encourage collaborative action?
6. Tracking progress and adaptive management will be essential for ensuring that actions are making a difference to the health of the Lake Erie basin. Do you have any specific



ideas for measuring progress towards achieving Lake Erie phosphorus load reduction targets?

7. Do you have any other suggestions for reducing, managing or treating phosphorus run-off and discharges, including innovative approaches or technologies for phosphorus removal or recovery?



HOUSE OF COMMONS  
CHAMBRE DES COMMUNES  
CANADA

**Karen Vecchio**  
Member of Parliament  
Elgin—Middlesex—London

**April 10, 2017**

**To: Catfish Creek Conservation Authority**  
**Re: Canada Summer Jobs**

**Dear Susan Mann,**

It is my pleasure to inform you that your application for funding through the Canada Summer Jobs program has been successful. It is my hope that this funding will help to equip young Canadians with the tools and skills that will prepare them for a successful future in the Canadian workforce.

Your organization will be receiving **\$17,393** in order to hire **5** students this summer.

Enclosed in this letter is a questionnaire for you to complete at the end of the summer program. Your feedback will enable me to better engage with the many different organizations in the riding, and fully understand how your student was able to contribute to your organization, which in turn aids in the development of our local community.

I look forward to hearing from you and possibly visiting your organization this summer. Please provide photos of your students in action this summer for my office to share on social media and on my website. Thank you for your continuing contribution to Canadian workforce development.

**Sincerely,**

**Karen Vecchio**  
**Member of Parliament**  
**Elgin-Middlesex-London**

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**Ottawa**  
House of Commons  
Room 449 Confederation Building  
Ottawa, Ontario K1A 0A6  
Tel: 613-990-7769  
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karen.vecchio@parl.gc.ca

**Constituency**  
203-750 Talbot Street  
St. Thomas, Ontario N5P 1E2  
Tel: 519-637-2255  
Fax: 519-637-3358  
Toll Free: 866-404-0406  
www.karenvecchiomp.ca



Catfish Creek Conservation Authority  
8079 Springwater Road  
Aylmer, ON N5H 2R4

Monday, April 24, 2017

Re: Festival and Event Partnership Program

Dear Mr. Smale,

I regret to inform you that your application for the Festival & Event Partnership Program has been unsuccessful. We received a number of high-quality applications, making the selection process a difficult one. If the County of Elgin makes the Festival & Event Partnership Program available again next year, we strongly encourage you to apply.

I thank you for your interest and effort and wish you all the best in your future endeavors.

Alan Smith  
General Manager of Economic Development  
The County of Elgin

County of Elgin  
Economic Development  
450 Sunset Drive  
St. Thomas, On N5R 5V1  
Phone: 519-631-1460  
www.progressivebynature.com



APRIL 18, 2017

CATEFISH CREEK CONSERVATION AUTHORITY

\$ 10,040.00

Pay to the order of

TEN THOUSAND & FORTY DOLLARS

XX 100 Dollars

TD BANK GROUP

## **Correspondence: To The Full Authority**

**FROM:** Kim Smale, General Manager / Secretary - Treasurer

**SUBJECT:** Correspondence Register, April 1-30, 2017

**DATE:** April 30, 2017

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### **GOVERNMENT AGENCIES**

#### Environment and Climate Change Canada, Toronto

- e-mail "Recovery Planning Documents on the Species at Risk Public Registry"
- e-mail "Intention to Discuss the Draft Canada-Ontario Action Plan for Lake Erie"
- e-mail "Extension of Public Comment Period to May 24<sup>th</sup> for the Canada - Ontario Draft Action Plan for Lake Erie"

#### Fisheries and Oceans Canada, Sault Ste. Marie

- Media Release "Sea Lamprey Management Program on the Great Lakes - 2017"

#### Ministry of Agriculture, Food and Rural Affairs, Guelph

- e-mail "2016 - 2017 Food Safety Monitoring Program for the Regulated Commodities"

#### Ministry of Natural Resources and Forestry, Aylmer

- notice of a MNR/CA Manager's Meeting to be held at the UTRCA on May 25<sup>th</sup>, 2017.

#### Ministry of Natural Resources and Forestry, Peterborough

- e-mail "Provincial Flood Watch for Southern and Northern Ontario Issued on April 3, 2017"
- e-mail "Provincial Flood Watch for Southern Ontario Issued on April 5, 2017"
- e-mail "Web-Ex Session: MFTIP Stewardship Portal"
- e-mail "Provincial Flood Watch for Southern Ontario Issued on April 7, 2017"
- e-mail "Section 39 Year- End Reports Due April 28, 2017"
- e-mail "Provincial Flood Watch for Southern and Northern Ontario Issued on April 10, 2017"
- e-mail "Provincial Watershed Conditions Statement for Ontario Issued on April 24, 2017"

#### Ministry of Tourism, Culture and Sport, Toronto

- e-mail "Ontario Tourism Current Performance Indicators January 2017"

### **CONSERVATION AUTHORITIES**

#### Conservation Ontario

- e-mail "Comments Requested: Proposed Regulation Under the Public Lands Act"
- e-mail "Comments Requested: Canada - Ontario Action Plan for Lake Erie"
- e-mail "CO Showcasing CA Flooding Issues in the Media"
- e-mail "Source Water Protection Teleconference and Meeting Schedule"
- e-mail "Standing Committee Recommendations on the Fisheries Act Amendments"
- e-mail "Amendment of Procedural Rules for the Mining and Lands Commissioner"
- e-mail "General Managers' Meeting Scheduled for May 8<sup>th</sup>"
- e-mail "Source Water Protection Conference Planning"
- e-mail "CO's Comments on Amendments of Procedural Rules for the Mining and Lands Commissioner"
- e-mail "CO Source Water Protection Communications Updates and Requests"
- e-mail "Bill 127- Changes to the Ministry of Natural Resources Act"
- e-mail "2017 Ontario Budget"

#### Grand River C.A.

- e-mail "Guelph - Eramosa Tier 3 Water Budget and Local Area Assessment"
- a copy of the Agenda package for the Lake Erie Region Source Protection Committee meeting at the GRCA on April 6<sup>th</sup>, 2017.
- e-mail "eScribe Lake Erie Region Source Protection Committee Meeting Site Approved for Access"
- e-mail "Source Water Protection Orientation for New CA Board Chairs"
- a copy of the Agenda package for the Lake Erie Source Protection Region Management Committee meeting at the Kettle Creek C.A. on April 20, 2017.

#### Nottawasaga Valley C.A.

- notice that Doug Hevenor has been named as the new CAO following Gayle Wood, who will be retiring in May.

#### Rideau Valley C.A.

- a copy of their new Strategy Plan - Conserving our Watershed, Ensuring our Future.

#### South Nation C.A.

- an invitation to celebrate the retirement of their General Manager of 30 years, Dennis O'Grady.

### **MUNICIPALITIES**

#### County of Elgin

- notice that our application for the Festival & Event Partnership Program was unsuccessful.

#### Municipality of Central Elgin

- notice that the Municipality of Central Elgin has received a request from Dowler Karn to relocate a portion of the Norman and Small Municipal Drains to accommodate an expansion of their business.
- a copy of Council's Resolution approving their apportionment of the 2017 CCCA Levy in the amount of \$74,956.92.

#### Township of Malahide

- a Notice of Meeting on April 20<sup>th</sup>, 2017, to consider the J.F. O'Brien Municipal Drain Branch 'A' Municipal Drain Report.
- a questionnaire regarding the use of off-road vehicles on municipal roads.
- a Notice of Meeting on May 17<sup>th</sup>, 2017, to consider the proposed drainage works affecting the Lee Drain.

### **GENERAL CORRESPONDENCE**

#### Annual Reports

- Rideau Valley C.A., Conservation Ontario

#### Magazines

- Parks & Rec Business

#### Minutes

- Conservation Ontario Council

#### Nature Conservancy of Canada, Toronto

- e-mail "Performance Evaluation of Natural Areas Conservation Program"

Newsletters

- Carolinian Canada Coalition, Ontario Trails Council, Conservation Ontario, Invasive Plant Council

Ontario Police College, Aylmer

- notice of a Path of Honour Committee meeting scheduled for May 16<sup>th</sup>, 2017.

Pietrzak, Ed & Pam

- a thank you note for the beautiful plant in sympathy of Pam's mother passing.

Pressey, Nicole

- an e-mail expressing her concerns with the newspaper article in the Aylmer Express regarding the cleaning of the Catfish Creek embankment by the Aylmer BIA.

Vecchio, Karen, MP Elgin – Middlesex - London

- notice that the CCCA will be receiving \$17, 393.00 to hire five (5) students through the Canada Summer Jobs Program.

Warnock, Barbara

- notice that our application to the Ontario Trillium Foundation through the Rotary Club of Aylmer will not be funded at this time.



Kim Smale

General Manager / Secretary - Treasurer