

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, October 13th, 2016, commencing at **10:00 a.m.**

A G E N D A

- 1) Welcome / Call to Order Sally Martyn
- 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 #07/2016 (September 8, 2016) 3-6
 - b) Interview Committee Meeting # IC 05/2016 (September 28, 2016) 7
- 6) Public / Special Delegations
- 7) Reports:
 - a) Report FA 52/2016 - Monthly Staff Reports 8-9
(Ed Pietrzak, Tony Difazio, Peter Dragunas)
 - b) Report FA 53/2016 - September Summary of Revenue & Expenditures 10-11
(Susan Mann)
 - c) Report FA 54/2016 - Accounts Payable 12
(Susan Mann)
 - d) Report FA 55/2016 - Approved Section 28 Regulation Application 13-14
(Tony Difazio)
 - e) Report FA 56/2016 - Conservation Ontario Council Meeting 15-24
(Kim Smale)
 - f) Report FA 57/2016 - C.A. Statistical Survey Results 25-41
(Kim Smale)
 - g) Report FA 58/2016 - Big Picture Collaborative 42-47
(Kim Smale)

- 8) General Manager / Secretary-Treasurer's Report Kim Smale
- 9) Unfinished Business
- 10) Chairperson's / Board Member's Report
- 11) Notice of Motions / New Business
- 12) Correspondence:
 - a) Not Copied:
 - Correspondence Register for September 1-30, 2016
 - b) Copied:
 - Conservation Ontario - a copy of a letter from the Chair of Conservation Ontario thanking the Honourable Kathryn McGarry, Minister of Natural Resources and Forestry for speaking at the recent Conservation Ontario Council meeting. .
- 13) Committee of the Whole
- 14) Next Meeting / Adjournment

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

Thursday, September 8th, 2016

Meeting #07/2016

PRESENT:

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

STAFF:

Kim Smale	General Manager / Secretary – Treasurer
Susan Mann	Financial Services Coordinator
Tony Difazio	Resource Planning Coordinator

OTHERS PRESENT:

Craig Bradford	Reporter, The Aylmer Express
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WELCOME / CALL TO ORDER:

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

ADOPTION OF AGENDA:

<u>Motion # 90/2016</u>	A. Oslach	A. Vanhoucke	CARRIED
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THAT, the Agenda for the September 8th, 2016, 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. No one indicated any such intentions at this time.

ADOPTION OF MINUTES:

<u>Motion # 91/2016</u>	A. Vanhoucke	A. Oslach	CARRIED
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THAT, the Minutes of Full Authority meeting # 06/2016 (August 11, 2016), be accepted as circulated.

BUSINESS ARISING FROM MINUTES:

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

PUBLIC / SPECIAL DELEGATIONS:

None.

REPORTS:

Report FA 44/2016 – Monthly Staff Reports, was presented, discussed, and resolved.

<u>Motion # 92/2016</u>	A. Oslach	A. Vanhoucke	CARRIED
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THAT, Staff Reports for the month of August, 2016, be noted and filed.

Report FA 45/2016 – August Summary of Revenue and Expenditures, was presented, discussed, and resolved.

Motion # 93/2016 M. Tinlin A. Vanhoucke CARRIED

THAT, Report FA 45/2016, be noted and filed.

Report FA 46/2016 – Accounts Payable, was presented, discussed, and resolved.

The Financial Services Coordinator noted that Cheque Numbers 26756-26772 had been added to the bottom of Report FA 46/2016, for payment.

Motion # 94/2016 A. Vanhoucke A. Oslach CARRIED

THAT, Accounts Payable totaling \$56,986.08, be approved for payment as amended in Report FA 46/2016.

Report FA 47/2016 – Monthly Plan Review, was presented, discussed, and resolved.

Motion # 95/2016 M. Tinlin A. Vanhoucke CARRIED

THAT, the Full Authority approve the Monthly Plan Review Report for the months of June, July and August, 2016.

Report FA 48/2016 – Property Tax Comparison, was presented, discussed, and resolved.

Motion # 96/2016 A. Oslach A. Vanhoucke CARRIED

THAT, Report FA 48/2016 be received as information at this time.

Report FA 49/2016 – A.D. Latornell Symposium, was presented, discussed, and resolved.

Member Tinlin expressed an interest in attending the Symposium.

Motion #97/2016 M. Tinlin A. Oslach CARRIED

THAT, the Full Authority authorize one (1) delegate to attend the 23rd Annual A.D. Latornell Conservation Symposium on November 15-17, 2016.

Report FA 50/2016 – Designation of Conservation Land, was presented, discussed, and resolved.

Motion # 98/2016 M. Tinlin A. Vanhoucke CARRIED

THAT, the Full Authority acknowledge receipt of the correspondence from the Ministry of Natural Resources and Forestry dated August 12th, 2016, approving the outstanding Community Conservation Land applications from the Catfish Creek Conservation Authority under the Conservation Land Tax Incentive Program.

Report FA 51/2016 – Ontario 150 Community Celebration Program, was presented, discussed, and resolved.

Motion # 99/2016 M. Tinlin A. Oslach CARRIED

THAT, the Catfish Creek Conservation Authority apply to the Ontario 150 Community Celebration Program for funding under the Community Celebration and the Community Capitol Programs.

GENERAL MANAGER / SECRETARY-TREASURER'S REPORT:

a) Youth Engagement Project:

YWCA St. Thomas – Elgin has placed two (2) individuals at the CCCA for 24-30 hours per week for 22 weeks under the Youth Engagement Project. This Service Canada program is specifically designed to assist young adults (ages 15-30) in transitioning to the workforce, and / or returning to school. The work experience started on September 6th and ends during the last week of January, 2017.

b) Ontario Job Creation Partnerships Program:

The CCCA has received approval through the Ministry of Advanced Education and Skills Development to hire four (4) Lands and Water Technicians for 30 weeks under the Ontario Job Creation Partnerships Program. Applicants must have established a claim for Employment Insurance benefits or their Employment Insurance benefit period ended within the past three (3) years. Work placements start on October 3rd, 2016 and conclude on April 30th, 2017. Funding for the project will total approximately \$76,000.00 for wages and support costs.

c) Steelway Building Systems 40th Anniversary:

The General Manager / Secretary-Treasurer informed the members that the CCCA received an invitation from our neighbours at Steelway Building Systems to attend their 40th Anniversary Open House on Thursday September 15th, 2016. The Official Ceremony at the Springwater Facility will start at 2:00 p.m.

UNFINISHED BUSINESS:

None.

CHAIRPERSON'S / BOARD MEMBER'S REPORT:

- Chairperson Martyn asked whether the vandalism at the Poplar Hill Campground Washroom was still occurring. Staff replied that the problem seems to have subsided since the initial incident.
- Member Tinlin suggested that the Board should consider having a discussion on succession planning at a future meeting.

NOTICE OF MOTIONS / NEW BUSINESS:

None.

CORRESPONDENCE:

a) Not Copied:

- Correspondence Register for August, 2016.

b) Copied:

- Conservation Ontario – a copy of the comments submitted by the Association of Municipalities of Ontario to the Minister of Natural Resources and Forestry regarding the Conservation Authorities Act Review.

Motion # 100/2016

A. Oslach

A. Vanhoucke

CARRIED

THAT, the Copied Correspondence and the Correspondence Register for August, 2016, be noted and filed.

COMMITTEE OF THE WHOLE:

There were no personnel, property, or legal matters to be discussed in the Committee of the Whole.

NEXT MEETING / ADJOURNMENT:

The next meeting of the Catfish Creek Conservation Authority will be held on Thursday, October 13th, 2016, commencing at (10:00 a.m.).

Motion # 101/2016

A. Oslach

A. Vanhoucke

CARRIED

THAT, the Full Authority be adjourned at (10:50 a.m.).

General Manager / Secretary –Treasurer

Authority Chairperson

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

Wednesday, September 28th, 2016

Meeting # IC 05/2016

PRESENT:

Arthur Oslach Committee Member Town of Aylmer

ABSENT:

Rick Cerna Chairperson, Personnel / Finance Committee Township of Malahide

STAFF:

Ed Pietrzak Conservation Areas Supervisor

The meeting was called to order at (9:45 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 applicants for the four (4) Water and Lands Technician positions through the Job Creation Partnerships Program with the Ministry of Advanced Education and Skills Development.

At the conclusion of the interview process, the Interview Committee selected the following list of names for the four (4) available positions.

- Michael Bennett
- Chris Baiden
- Spencer Sills
- Mike Kenny

Two (2) of the four (4) successful applicants declined the job offer when contacted following the interviews for various reasons.

The meeting was adjourned at (3:00 p.m.).

Arthur Oslach
Committee Member

REPORT FA 52/ 2016: To The Full Authority

FROM: Conservation Areas Supervisor
Resource Planning Coordinator
Water Management Technician

SUBJECT: Monthly Staff Reports

DATE: October 5, 2016

Conservation Areas Supervisor, Ed Pietrzak

Current Activities:

- Assisted with the setup and delivery of Marsh Quest held at the Yarmouth Natural Heritage Area on September 21-29, 2016. A total of 533 Grade 4 students from 12 schools participated in the program.
- Provided orientation and health and safety training for the students on the Cooperative Education Placement Program and the participants on the Job Creation Partnerships Program.
- General maintenance and operations at the various Conservation Areas.
- Hosted the Carolinian Forest Festival being held at the Springwater Conservation Area on October 4-6, 2016. The Public Day will be held at the Jaffa Environmental Education Centre on Saturday, October 8th, 2016.
- Woodlot management activities.

Upcoming Activities:

- Working with the students from the East Elgin Secondary School Environmental Leadership Program to undertake a number of tree planting and woodlot management projects at the Yarmouth Natural Heritage Area.
- Preparing to deliver fall Environmental Education Programs at the Springwater Conservation Area.
- Winterization of all Springwater camping facilities..
- Regular duties as assigned.

Resource Planning Coordinator, Tony Difazio

Current Activities:

- Completed the restoration of a wetland on the east side of the main branch of Catfish Creek at the Yarmouth Natural Heritage Area;
- Planning for the removal of dead ash trees in the Ward McKenna Conservation Area in the Town of Aylmer;
- Supervision and monitoring of several stewardship projects throughout the watershed; and,
- Provided The Aylmer Express with background information for a series of articles on Ducks Unlimited Canada and the Aylmer Ducks Unlimited Committee, celebrating its 35th anniversary this year.

Upcoming Activities:

- Complete stream restoration projects at the Yarmouth Natural Heritage Area;
- Assist with this year's 'Carolinian Forest Festival' at the Springwater Forest;
- Assist with the supervision of Environmental Leadership Program (ELP) students with several restoration projects on private and CA lands; and,
- Regular duties as assigned.

Water Management Technician, Peter Dragunas

Current Activities:

- Continued 2016 Ontario Low Water Response monitoring and evaluation of 2016 Low Water Response protocols / thresholds.
- 2017 flood criteria and criteria threshold revisions as a result of yearly review and updates, to better assist in the early identification of flood threats and flood forecasting.
- Source Water Protection Communications Teleconference.
- Trees Ontario 2017 landowner tree planting site meetings.
- Yarmouth Natural Heritage Area tree planting / land revitalization.
- CCCA 2017 tree planting season field assessment and landowner meetings.

Upcoming Activities:

- Sounding at Port Bruce.
- 2016 / 2017 flood criteria and threshold reviews.
- Continued site visits with landowners to discuss / assist with land reclamation and rehabilitation for the CCCA 2017 Tree Planting Program.
- Regular duties as required

Recommendation:

That, Staff Reports for the month of September, 2016, be noted and filed.



Ed Pietrzak
Conservation Areas Supervisor



Peter Dragunas
Water Management Technician


for Tony Difazio
Resource Planning Coordinator

REPORT FA 53 / 2016 : To The Full Authority
FROM: Susan Mann, Financial Services Coordinator
SUBJECT: September Summary of Revenue & Expenditures
DATE: September 30, 2016

SUMMARY OF REVENUE
for the period ending September 30, 2016

	2016 Budget	2016 To Date	Difference	2015 To Date
MNRF Provincial Grants	\$ 79,835.00	\$ 79,835.00	\$ -	\$ 79,835.00
Other Provincial Grants	\$ 82,348.11	\$ 39,959.68	\$ (42,388.43)	\$ 59,524.65
Federal Grants	\$ 23,300.00	\$ -	\$ (23,300.00)	\$ 93,398.00
General Levy	\$ 244,124.45	\$ 244,124.45	\$ -	\$ 230,270.11
Special Benefiting Levy	\$ 43,877.34	\$ 8,250.00	\$ (35,627.34)	\$ 8,250.00
Employment Program Grants	\$ 15,000.00	\$ 6,114.18	\$ (8,885.82)	\$ 13,631.00
Donations/Sponsorships	\$ 38,367.00	\$ 38,008.74	\$ (358.26)	\$ 75,102.72
Conservation Areas Revenue	\$ 458,860.00	\$ 470,177.97	\$ 11,317.97	\$ 443,357.87
Maple Syrup Revenue	\$ 55,850.00	\$ 54,539.36	\$ (1,310.64)	\$ 57,387.05
Bank Interest Earned	\$ 6,000.00	\$ -	\$ (6,000.00)	\$ 244.75
Information & Education	\$ 8,500.00	\$ 4,913.50	\$ (3,586.50)	\$ 6,704.91
Legal Inquiries/Permit Applications	\$ 5,000.00	\$ 3,053.08	\$ (1,946.92)	\$ 3,508.83
Trees/Planting/Spraying	\$ 3,750.00	\$ 2,790.40	\$ (959.60)	\$ 3,984.82
Woodlot Management	\$ 1,500.00	\$ 840.71	\$ (659.29)	\$ 486.73
Watershed Stewardship Projects	\$ 20,000.00	\$ -	\$ (20,000.00)	\$ 17,900.00
Water Quality/Quantity Programs	\$ 5,212.10	\$ -	\$ (5,212.10)	\$ 4,712.10
Revenue from Other C.A. Lands	\$ 13,294.63	\$ 18,412.11	\$ 5,117.48	\$ 11,457.48
Other Revenue	\$ 500.00	\$ 1,748.62	\$ 1,248.62	\$ -
Contract Services	\$ -	\$ 585.00	\$ 585.00	\$ 585.00
Vehicle & Equipment Rental Recoveries	\$ 40,200.00	\$ 27,319.68	\$ (12,880.32)	\$ 27,788.03
Previous Year Surplus	\$ 376.83	\$ 376.83	\$ -	\$ 399.80
Income Appropriation from Special Reserves	\$ 51,836.52	\$ -	\$ (51,836.52)	\$ -
Income Appropriation from General Reserves	\$ 194,549.91	\$ -	\$ (194,549.91)	\$ -
	\$ 1,392,281.89	\$ 1,001,049.31	\$ (391,232.58)	\$ 1,138,528.85

DONATIONS/SPONSORSHIPS	2016 Budget	Received To Date	Difference
Fish Stocking	\$ 1,000.00	\$ 1,000.00	\$ -
Springwater Event Sponsorships	\$ 1,000.00	\$ 800.00	\$ (200.00)
Annual Report	\$ 1,250.00	\$ 1,250.00	\$ -
Environmental Education	\$ 9,000.00	\$ 1,650.00	\$ (7,350.00)
EESS ELP Sponsorships	\$ -	\$ 7,500.00	\$ 7,500.00
Community Forest	\$ 250.00	\$ 80.00	\$ (170.00)
Maple Syrup Program	\$ 5,000.00	\$ 6,925.00	\$ 1,925.00
Springwater Forest Trails	\$ 10,017.00	\$ 6,863.74	\$ (3,153.26)
Archie Coulter C.A. Trails	\$ 850.00	\$ 440.00	\$ (410.00)
YNHA	\$ 7,000.00	\$ 7,000.00	\$ -
Springwater C.A. Development	\$ 1,500.00	\$ -	\$ (1,500.00)
Catfish Creek Trail Rehabilitation	\$ -	\$ -	\$ -
Ontario Police College Path of Honour	\$ 1,500.00	\$ 4,500.00	\$ 3,000.00
TOTAL Donations/Sponsorships	\$ 38,367.00	\$ 38,008.74	\$ (358.26)

SUMMARY OF EXPENDITURES

for the period ending September 30, 2016

	2016 Budget	2016 To Date	Balance	2015 To Date
ADMINISTRATION				
A-1 Wages & Benefits	\$ 96,412.37	\$ 75,023.90	\$ 21,388.47	\$ 61,579.78
A-2 Travel Exp. & Allow.	\$ 8,633.84	\$ 595.63	\$ 8,038.21	\$ 339.89
A-3 Equip. Purchase & Rental	\$ 9,850.00	\$ 5,474.35	\$ 4,375.65	\$ 6,603.29
A-4 Materials & Supplies	\$ 3,650.00	\$ 2,610.04	\$ 1,039.96	\$ 1,335.20
A-5 Rent & Utilities	\$ 23,000.00	\$ 8,702.29	\$ 14,297.71	\$ 7,633.84
A-6 General Expenses	\$ 37,547.00	\$ 33,893.97	\$ 3,653.03	\$ 33,918.60
TOTAL	\$ 179,093.21	\$ 126,300.18	\$ 52,793.03	\$ 111,410.60
FLOOD FORECASTING & WARNING				
F4-2 Flood Control Structures	\$ 13,317.37	\$ 8,834.23	\$ 4,483.14	\$ 8,489.03
F4-4 Flood Forecasting & Warning	\$ 155,639.90	\$ 115,547.84	\$ 40,092.06	\$ 107,980.35
F4-5 Ice Management	\$ 93,727.34	\$ 19,517.52	\$ 74,209.82	\$ 29,241.92
F4-6 Plan Input	\$ 33,796.11	\$ 26,056.35	\$ 7,739.76	\$ 24,221.23
F4-71 Watershed Planning	\$ 14,927.62	\$ 15,850.98	\$ (923.36)	\$ 13,907.43
F4-72 Technical Studies (GIS)	\$ 9,743.16	\$ 4,907.56	\$ 4,835.60	\$ 4,078.18
TOTAL	\$ 321,151.50	\$ 190,714.48	\$ 130,437.02	\$ 187,918.14
OTHER PROGRAM AREAS				
B-1 Information & Education	\$ 28,967.11	\$ 14,298.73	\$ 14,668.38	\$ 14,163.80
E-1 Extension Services - Tree Planting Community Forest	\$ 31,343.54	\$ 24,652.50	\$ 6,691.04	\$ 28,171.54
E-1 Extension Services - Woodlot Management	\$ 250.00	\$ -	\$ 250.00	\$ -
E-1 Extension Services - Watershed Stewardship	\$ 9,895.80	\$ 6,712.56	\$ 3,183.24	\$ 6,167.85
E4-1 Fish & Wildlife Habitat	\$ 20,750.00	\$ 397.29	\$ 20,352.71	\$ 22,159.65
	\$ -	\$ -	\$ -	\$ 171.41
TOTAL	\$ 91,206.45	\$ 46,061.08	\$ 45,145.37	\$ 70,834.25
CAPITAL & SPECIAL PROJECTS				
Water Management Programs	\$ 36,260.21	\$ 20,065.52	\$ 16,194.69	\$ 39,676.46
Springwater C.A. Development	\$ 78,000.00	\$ 68,193.25	\$ 9,806.75	\$ 2,401.00
Special Projects	\$ 3,000.00	\$ 154.33	\$ 2,845.67	\$ 654.47
TOTAL	\$ 117,260.21	\$ 88,413.10	\$ 28,847.11	\$ 42,731.93
CONSERVATION AUTHORITY LANDS				
Springwater Operation & Maint	\$ 468,231.84	\$ 409,914.46	\$ 58,317.38	\$ 358,976.84
Vehicle & Equipment Pool Exp.	\$ 91,565.00	\$ 83,987.78	\$ 7,577.22	\$ 30,379.28
Maple Syrup	\$ 58,421.44	\$ 49,316.68	\$ 9,104.76	\$ 51,912.93
Other C.A. Lands	\$ 65,352.24	\$ 38,590.84	\$ 26,761.40	\$ 52,213.96
TOTAL	\$ 683,570.52	\$ 581,809.76	\$ 101,760.76	\$ 493,483.01
APPROPRIATION TO GENERAL RESERVES	\$ -	\$ -	\$ -	\$ -
APPROPRIATION TO SPECIAL RESERVES	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL	\$ 1,392,281.89	\$ 1,033,298.60	\$ 358,983.29	\$ 906,377.93



Susan Mann,
Financial Services Coordinator

REPORT FA 54 / 2016 : TO THE FULL AUTHORITY

FROM: Susan Mann, Financial Services Coordinator
SUBJECT: Accounts Payable
DATE: September 30, 2016

VENDOR	CHQ #	TOTAL	EXPLANATION
payroll item	26773		
Eastlink	26774	1,337.37	phone, fax line, gauges, & internet
Telus Mobility	26775	80.24	mobile phones
payroll September 19 (26776-26798)			
Reliance Home Comfort	26799	42.55	admin centre water heater rental
Hydro One	26800	13,503.40	campground, shop, office, gauge
Hydro One	26801	850.48	campground & gauge
payroll September 30 (26802-26816)			
Bell Canada	26817	88.16	gauge
Hydro One	26818	85.65	gauge
Aaroc Aggregates And Recycling	26819	282.99	campground maintenance
Affordable Portables	26820	485.90	supplies for Springwater special event
ALS Canada Ltd.	26821	136.50	campground maintenance
Aylmer Home Hardware	26822	99.11	campground supplies
Ball Farm Services Ltd.	26823	293.23	supplies for YNHA project
Canon Canada Inc.	26824	396.60	office equipment maintenance
Clean Solutions & Supplies Ltd.	26825	296.35	campground supplies
Commissionaires	26826	66.04	enforcement contractor
Difazio, Tony	26827	269.00	uniform items
Durand, Chris	26828	1,100.00	website upgrade (installment 1 of 2)
Elgin Feeds Ltd.	26829	37.64	supplies for YNHA project
Exact Septics Inc.	26830	237.30	campground maintenance
Glenbriar Bottled Water Co. Ltd.	26831	11.24	water cooler service
H. Broer Equipment Sales & Service Inc.	26832	74.92	campground maintenance
Hoskin Scientific Limited	26833	47.56	campground maintenance
J.E.M. Services	26834	542.40	supplies for Springwater special events
Jury, David	26835	158.20	computer network support
Koolen Electric	26836	2,770.83	campground maintenance
Laemers Excavating	26837	3,853.30	campground maintenance & SPW woodlot mgm't
M Live Bait Wholesale	26838	23.73	store product for resale
Mission Management Information Systems Inc.	26839	3,632.39	reservation software (installment 2 of 2)
Molly Maid	26840	158.00	administration centre cleaning service
Purolator Courier	26841	27.41	courier fees
R Safety	26842	54.90	supplies for YNHA project
Secord Home Building Centre	26843	84.34	supplies for campground & YNHA project
St. Thomas Times Journal	26844	191.54	subscription renewal
St.Thomas/Elgin Weekly News	26845	209.05	advertising for Springwater
Sun Media Corporation	26846	203.97	advertising for JCPP applications
TSC Stores L.P.	26847	145.76	uniform item and campground supplies
Vandenbrink Farm Equipment Inc.	26848	1,679.65	equipment maintenance
Yeo, John	26849	60.00	campground maintenance

\$ 33,617.70

RECOMMENDATION:

THAT, Accounts Payable totalling \$33,617.70 , be approved for payment as amended in Report FA 54 / 2016.


Susan Mann,
Financial Services Coordinator

REPORT FA55/2016 : **To The Full Authority**
FROM : Tony Difazio, Resource Planning Coordinator
SUBJECT : Approved Section 28 Regulation Applications
DATE : October 7, 2016

PURPOSE: To outline the ‘Development, Interference with Wetlands & Alterations to Watercourses’ applications approved by staff in July, August & September, 2016.

PERMIT NO.	LOCATION	PROPOSAL	DATE ISSUED
Site 1 FR-06-16	Lot:78; Conc.: NTR; Township of Malahide	* This proposal involves the stabilization of approximately 100m of eroded creek bank (Catfish Creek) along the east side of Rogers Road, just north of Highway #3; *The project has been designed by CJDL;	July 25, 2016
Site 2 FR-07-16	Lot: 23; Conc.:8; geo. Township of Yarmouth	*The owner is undertaking an erosion control project along a 100m portion of the West Branch of Catfish Creek; * The owners of 46818 Brouwers Line are also installing a ‘low flow’ cattle crossing ;	August 26, 2016
Site 3 FR-08-16	Lot: 15; Conc.:11; geo. Township of S. Dorchester	*The owners are installing a new bridge crossing of the east branch of Catfish Creek for agricultural equipment; * The owners of 48848 Mapleton Line are also removing the existing ‘low flow’ crossing;	September 2, 2016
Site 4 FR-09-16	Lot: 23; Conc.:3/4; geo. Township of Yarmouth	* The Municipality of Central Elgin is replacing/twinning the existing culvert crossing of Sparta Line (200m west of Chestnut Grove Line; * The new 40m X 750mm diameter steel pipe is located on a tributary of Mill Creek, just east of Sparta;	October 3, 2016

RECOMMENDATION: THAT, the Full Authority receive the staff approved Section 28 Regulation Applications **Report FA55/2016**, as information.


 Tony Difazio, Resource Planning Coordinator

REPORT FA 56 / 2016: To The Full Authority

FROM: Kim Smale, General Manager / Secretary – Treasurer

SUBJECT: Conservation Ontario Council Meeting

DATE: September 27, 2016

Purpose:

To update the members on the business items discussed at the Conservation Ontario Council meeting.

Discussion:

The General Manager / Secretary-Treasurer attended the Conservation Ontario Council meeting held at the Black Creek Pioneer Village in Toronto on September 26th, 2016. Highlights of the meeting included:

a) **Conservation Authorities Act Review:**

The Honourable Kathryn McGarry, Minister of Natural Resources and Forestry spoke at the meeting and expressed strong support for the Conservation Authorities. She provided an overview of the Conservation Authorities Act review process to date and mentioned her intention to create a multi-stakeholder Service Delivery table to consider the feedback received by the Ministry of Natural Resources and Forestry on the five (5) proposed priorities for updating the Conservation Authorities Act.

b) **2017 Operating Budget:**

Council adopted the proposed 2017 Operating Budget which showed an overall increase from \$1,171,000.00 in 2016 to \$1,217,000.00 in 2017. The increase represents an adjustment in the CA Levy of approximately 4.0 percent. As a result, the CCCA's 2017 Levy Apportionment will be \$18,457.00, an increase of \$675.00 over 2016. A breakdown of the 2017 Levy Apportionment for each Conservation Authority is attached for your information.

c) **2017 Workplan:**

Please find attached a copy of the proposed 2017 Conservation Ontario Workplan that was adopted by Council to align with the goals of the 2016-2020 Strategic Plan.

d) John Cottrill, General Manager of the Grey Sauble C.A. and Steve Knechtel, General Manager of the Cataraqui Region C.A. were formally recognized by the Chair of Conservation Ontario for their years of service and upcoming retirements from their respective Conservation Authorities.

e) Discussion Papers:

Council approved submissions on the following topics currently posted on the Environmental Bill of Rights registry.

- Conservation Authorities Act Review;
- Great Lakes Nearshore Framework;
- Federal Infrastructure Funding Program Design-Phase 2;
- Coordinated Land Use Planning Review;
- Development of a Guide to Conservation Authority Permits on Agricultural Land; and
- Sustaining Ontario's Agricultural Soils; Towards a Shared Vision.

Recommendation:

THAT, Report FA 56/2016, be noted and filed.



Kim Smale

General Manager / Secretary – Treasurer

Conservation Authority	3 Year Average	2015	2014	2013	2016 Levy	2017 Levy
Ausable Bayfield	3,530,047	3,616,512	3,642,157	3,331,472	24,525	25,387
Cataraqui Region	3,417,007	3,617,603	3,456,497	3,176,922	24,264	25,067
Catfish Creek	1,127,924	1,276,463	1,053,062	1,054,248	17,782	18,457
Central Lake Ontario	5,024,280	5,176,351	5,428,379	4,468,109	28,298	29,571
Credit Valley	26,558,926	28,296,794	26,259,532	25,120,452	76,449	79,012
Crowe Valley	749,698	731,510	758,166	759,419	16,643	17,343
Essex Region	6,738,419	6,903,290	6,699,493	6,612,473	33,478	34,249
Ganaraska Region	2,674,517	2,851,636	2,547,580	2,624,336	21,908	22,948
Grand River	29,249,737	29,965,425	30,704,319	27,079,468	82,114	83,764
Grey Sauble	2,291,608	2,470,567	2,250,802	2,153,454	21,308	21,846
Halton (Conservation Halton)	23,926,983	24,693,854	25,397,827	21,689,269	71,243	74,058
Hamilton	14,204,836	15,680,811	13,362,044	13,571,653	51,170	53,130
Kawartha	2,576,163	2,850,427	2,448,229	2,429,834	21,473	22,666
Kettle Creek	2,107,467	2,167,644	2,128,008	2,026,750	20,451	21,314
Lake Simcoe Region	11,970,779	13,144,092	12,050,793	10,717,452	45,137	47,736
Lakehead Region	2,099,552	3,547,979	1,253,260	1,497,416	18,455	21,291
Long Point Region	4,048,026	4,033,773	3,719,761	4,390,545	25,855	26,849
Lower Thames Valley	2,344,841	2,647,787	2,243,170	2,143,565	20,718	22,000
Lower Trent	1,636,255	1,669,732	1,675,992	1,563,042	19,203	19,945
Maitland Valley	2,478,880	2,529,204	2,590,687	2,316,750	21,665	22,386
Mattagami Region	709,549	716,359	723,569	688,719	16,520	17,224
Mississippi Valley	3,465,445	3,562,249	3,508,477	3,325,609	24,044	25,204
Niagara Peninsula	11,110,788	11,820,147	10,855,262	10,656,954	44,188	45,602
Nickel (Conservation Sudbury)	1,167,338	1,284,936	1,205,785	1,011,293	17,645	18,573
North Bay-Mattawa	2,047,967	2,336,338	1,823,675	1,983,889	20,393	21,141
Nottawasaga Valley	4,455,579	4,750,544	4,729,980	3,886,214	26,442	27,990
Otonabee	2,376,541	2,341,775	2,404,238	2,383,609	21,046	22,091
Quinte	4,985,639	5,364,806	5,462,945	4,129,166	27,249	29,464
Raisin Region	1,931,925	1,966,797	2,033,394	1,795,584	20,006	20,805
Rideau Valley	9,335,977	9,915,529	9,388,413	8,703,990	38,892	41,095
Saugeen	3,378,617	3,497,800	3,346,961	3,291,091	24,176	24,958
Sault Ste Marie	544,450	537,177	537,847	558,326	16,116	16,736
South Nation	5,690,038	6,303,541	5,814,075	4,952,497	30,391	31,403
St. Clair Region	4,827,380	5,394,058	4,617,871	4,470,212	27,937	29,025
Toronto and Region	47,840,000	101,340,000	100,184,000	85,374,000	107,424	107,938
Upper Thames River	12,377,157	13,714,634	11,665,106	11,751,730	46,391	48,733

1,171,000 1,217,000

Proposed 2017 Annual Detailed Workplan for Conservation Ontario

Priorities:

1. **Public Affairs and Advocacy**– be the collective voice on matters of interest to all CAs, influencing policy and programs that impact CA business and advance integrated watershed management; engage stakeholders strategically
2. **Science and Policy** – aggregate, manage and disseminate shared knowledge to develop and advance science and policy
3. **Member Services** – CO will provide value-added, shared services to members, in such areas as purchasing, training and communications
4. **Governance** – continuously improve the function of internal governance to deliver more effective and engaging participation for Members

PUBLIC AFFAIRS AND ADVOCACY	
Activities - 2017	Benefits to Conservation Authorities
CA Act Review <ul style="list-style-type: none"> Continued advocacy with provincial ministries re CAs multi-ministry role Working with MNRF staff to make legislative changes (TBC) Advocate through other provincial policy and legislative reviews to reinforce amendment requests to CAA (e.g. Coordinated Land Use Planning Review, Ontario Wetland Strategy, Climate Change file) Stakeholder Relations e.g. Joint Submissions with AMO, OHBA, BILD, OFA and CELA 	<ul style="list-style-type: none"> CA priorities will be advocated and changes to CA Act Review will define a sustainable future for CAs.
Queen's Park Day <ul style="list-style-type: none"> Showcase CAs and their work to provincial representatives 	<ul style="list-style-type: none"> The multiple benefits of the work of CAs will be showcased at the Legislature. Opportunities for CAs (GMs and board members) to network with MPPs and key Ministers
Provincial and Federal Pre-Budget Consultations and Presentations (Focus on Flood Business Case and Impacts of	<ul style="list-style-type: none"> Recognition of CA role in key ministerial goals and objectives and

Climate Change)	funding opportunities for CAs will be sought
<p>Great Lakes/St. Lawrence</p> <ul style="list-style-type: none"> • Participation at Great Lakes Executive Committee, five Annex Sub-Committees • Participation on Great Lakes Guardian Council 	<ul style="list-style-type: none"> • The role of CAs as watershed managers will be profiled and messaged at meetings and funding opportunities for CAs will be sought • CAs knowledge, expertise and data will be acknowledged as critical to success of Great Lake goals
<p>Source Water Protection</p> <ul style="list-style-type: none"> • Support CAs with plan implementation • Joint Advisory Committee meetings with ADM and MOECC staff to advocate for collective goals • Further Development of Stewardship and First Nations Proposals • Continued communication efforts to profile role of CAs in delivering SWP • Continued support for SWP information management 	<ul style="list-style-type: none"> • Roles and responsibilities for CA role in SWP implementation will be acknowledged and solidified • Funding to support implementation will be secured • Funding for stewardship activities will be advocated • Quality of interactions with First Nations enhanced by sharing CA expertise
<p>Municipal Engagement</p> <ul style="list-style-type: none"> • Engage with municipal organizations through meetings and events/sponsorships e.g. AMO, FCM, ROMA, OGRA • Collaborative positioning on key provincial priorities e.g. CA Act Review 	<ul style="list-style-type: none"> • Value of CA programs and services is promoted and valued by the municipal sector • Funding opportunities are identified • Municipal voice strengthens collective positioning
<p>Flood Business Case</p> <ul style="list-style-type: none"> • Promote critical role of CAs in flood management and mitigation and identify funding opportunities 	<ul style="list-style-type: none"> • Funding Support through National Disaster Mitigation Program (Public Safety Canada) and potentially Infrastructure Canada and Provincial Infrastructure programs • Funding support from Ministry of Natural Resources and Forestry; including WECl • Potential for funding from private sector
Business Case - Economic Value of CAs – continued research	<ul style="list-style-type: none"> • Solidified financial arguments can be made in advocacy and communication efforts for use by CO and CAs
<p>Stakeholder Engagement</p> <ul style="list-style-type: none"> • Continued relationship-building and co-ordinated strategies with key 	<ul style="list-style-type: none"> • collective efforts (program, funding, etc.) are realized • support from other stakeholders for CA

<p>stakeholders</p> <ul style="list-style-type: none"> • File-specific engagement will be warranted by business case (e.g. wetland strategy with Ducks Unlimited; Mood Walks with Canadian Mental Health Association; Great Lakes nutrients with Agricultural, municipalities/GLSLCI, and ENGOS; Flood Business Case with Municipalities and Private Sector, IBC, ICLR, Universities; Climate change with Forests Ontario, Ducks Unlimited Canada, Ontario Nature, Nature Conservancy, CO/OFA Memorandum of Understanding). • Improve quality of interactions with stakeholders by sharing information about CA programs • Latornell - stakeholder education and networking 	<p>programs</p>
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SCIENCE AND POLICY	
Activities - 2017	Benefits to Conservation Authorities
<ul style="list-style-type: none"> • Represent or coordinate CA voice at policy and science tables for: <ul style="list-style-type: none"> -CA Act Review -Wetland Strategy -Coordinated Provincial Plan Review – MOECC/MNRF watershed planning guidelines (tbc), associated Systems mapping -Climate Change – Cap and Trade and Adaptation Strategy -Soil Health Strategy -Low-Impact Development Guidelines and Green Infrastructure -Great Lakes Nearshore Framework proposed Advisory Group -Lake Erie Domestic Action Plan and Nutrients Working Group -Drainage Act S.28 Regulations Team (DART) 	<ul style="list-style-type: none"> • CA programs and information are recognized and become critical to the delivery of federal, provincial and regional initiatives and therefore funding and partnership opportunities may result • Reinforce and protect role of CAs in Integrated Watershed Management within provincial plans and policies

<ul style="list-style-type: none"> -Large Scale Fill/Excess Soil Management Policy Framework -5 Year Review of CO Class Environmental Assessment – Provincial government review period -Source Water Protection -Implementation of the Great Lakes Protection Act 	
<p>Floodplain Mapping Platform</p> <ul style="list-style-type: none"> • Mapping inventory, data, standards, information and technologies • Update Flood Business Case • NDMP/NRCAN Flood mapping Technical Committee for development of national floodplain mapping framework/guidelines and risk assessment and prioritization of funding 	<ul style="list-style-type: none"> • Improved understanding of the current state of floodplain mapping in Ontario • Improved understanding of the resources required to update CA mapping • Advocacy for CA position on mapping standards at the federal and provincial levels
<p>Open Data</p> <ul style="list-style-type: none"> • Implement Great Lakes Observing System Project – a project to assist CAs in making data more discoverable and accessible 	<ul style="list-style-type: none"> • Information is more readily accessible to stakeholders (CAs, municipalities, public) • Greater consistency in information sharing between CAs and others
<p>Maintenance of Water and Erosion Control Infrastructure Database</p>	<ul style="list-style-type: none"> • Allows for consistency in funding applications to the Province • Supports advocacy for CA role in the maintenance and operation of water and erosion control infrastructure
<p>Planning and Regulations</p> <ul style="list-style-type: none"> • Utilize CO Section 28 Regulations Committee and CO Regulatory Compliance Committee (RCC) to further CAA Review provincial/CO workplan items (tbc) • Develop Guideline for the use of short-form wording (Certificates of Offence) for S.28 with CO RCC 	<ul style="list-style-type: none"> • Facilitates information sharing and networking in this important business area • Effectively utilizes program experts to develop detailed positions for review by the collective • Consistent direction for professional delivery of regulatory responsibilities
<p>Watershed Report Cards</p>	<ul style="list-style-type: none"> • Allows CO to demonstrate how CA

<ul style="list-style-type: none"> Develop an Ontario story 	<p>programs are helping to maintain and improve surface and groundwater quality, forest conditions, etc.</p> <ul style="list-style-type: none"> Advocacy for continued support for CA science and stewardship
<p>Implementation of Ecohealth Collaborative</p> <ul style="list-style-type: none"> Continuation of healthy hikes 	<ul style="list-style-type: none"> Showcases how CA services and programs contribute to a healthy society
<p>Co-ordination Support for provincial monitoring programs</p> <ul style="list-style-type: none"> Provincial Groundwater Monitoring Program, Ontario Stream Sediment Project, Ontario Biomonitoring Network 	<ul style="list-style-type: none"> Efficiencies in co-ordination and information management of provincial monitoring programs
<p>Support for Ontario Partnership Environmental Network (OPEN) Portal</p> <ul style="list-style-type: none"> New – collection of CA climate change adaptation and mitigation initiatives 	<ul style="list-style-type: none"> Provincial datasets are available to CAs Advocacy for CA climate change initiatives
<p>EBR/other comments</p> <ul style="list-style-type: none"> continued surveillance of EBR postings that have direct or indirect impact on CAs 	<ul style="list-style-type: none"> CAs are made aware of EBR postings and collective positioning is co-ordinated by CO or at least circulated via Weekly Update emails as FYI

MEMBER SERVICES	
Activities - 2017	Benefits to Conservation Authorities
<p>Statistical Survey</p> <ul style="list-style-type: none"> continued support to assist the CAs in filling out the on-line survey 	<ul style="list-style-type: none"> CO is able to provide members with collective statistics of the work of CAs that they can use in their advocacy and communication efforts use information for CO collective advocacy purposes
<p>Professional Development and Training</p> <ul style="list-style-type: none"> Scoped review of current CO training deliverables and costs in preparation for development of a training strategy Support development and implementation of workshops, webinars and other education/outreach initiatives 	<ul style="list-style-type: none"> members have consistent and accessible training for priority CA programs Professional development needs of CA staff are met; members have access to education/outreach initiatives that support their CA programs

<p>(dictated by priority files e.g. Planning and Regulations, Federal Fisheries and Oceans Canada Drainage Guide training)</p> <ul style="list-style-type: none"> • Complete CAU 2016-2017 delivery of executive development program; focus groups and continuous improvement • Regulatory Compliance Committee – design of next level of Provincial Offences Officer's training 	<ul style="list-style-type: none"> • CA senior staff are provided with the skills to effectively manage overall operations and programs within their CA as succession takes place • Provincial Offences Officers effectively represent CAs and discharge their duties on the front-lines
<p>Bulk Purchasing</p> <ul style="list-style-type: none"> • CO Insurance and Benefits Committee • Software - (e.g. Environics Analytics) • MPAC digital land use, Teranet Geowarehouse, ESRI 	<ul style="list-style-type: none"> • Costs savings • Consistent program use across the collective
<p>Information Management</p> <ul style="list-style-type: none"> • CO will encourage collective CA databases (watershed report cards, CA Conservation Areas, SWP assessments) • CA Maps • Provincial orthophoto acquisition project • Examine efficiencies in data collection, storage and analysis 	<ul style="list-style-type: none"> • CAs have integrated information management systems for priority areas • Efficiencies in information management capacity can support CA activities, promote the value of CAs, and enable consistency in information sharing between CAs and partners
<p>Member Communication –CO Weekly Updates for CAs covering several topics</p>	<ul style="list-style-type: none"> • Number of CO e-mails is reduced, yet members are well informed of programs, funding opportunities and initiatives being led by others
<p>New and Improved Website with a focus on Members pages</p>	<ul style="list-style-type: none"> • Information applicable to the collective will be more readily discoverable • Best management practices can be more easily shared amongst CAs • Facilitates information sharing and networking in this important business area
<p>Corporate Communications</p> <ul style="list-style-type: none"> • CO website, annual report, fact sheets, mini websites, briefing notes, toolkits, messaging, etc. 	<ul style="list-style-type: none"> • CAs can use for their own advocacy and outreach efforts • Ensures consistency re messaging
<p>Communicating Collective CA Priorities – CO General Manager and staff attend and make presentations at meetings including CA Annual meetings, CA Board meetings, CA staff</p>	<ul style="list-style-type: none"> • Provides information to CA Boards and staff on broader strategic initiatives being undertaken on behalf of the collective and the value/benefits

meetings	<p>received from CO</p> <ul style="list-style-type: none"> • strengthens the network of CAs; informs CAs
Preliminary evaluation of the delivery method and effectiveness of Latonnell, including the sustainability of the funding allocation to CO	<ul style="list-style-type: none"> • CAs will be able to evaluate the benefits of their participation
Social Media – increase use of social media, including campaigns to profile work of CAs (1-2 campaigns per year)	<ul style="list-style-type: none"> • A broader audience will be aware of CA activities

GOVERNANCE	
Activities - 2017	Benefits to Conservation Authorities
Continuous improvement to council format – identify, review and implement any changes identified via meeting evaluation forms (e.g. more breakout sessions/workshop style agenda items, code of conduct, report more effectively on CO activities)	<ul style="list-style-type: none"> • Opportunity for members to provide feedback and direction to CO staff regarding council meetings and their effectiveness • Council functions more effectively and members are engaged in meaningful and strategic discussion
Explore and Assess new formats such as video conferencing	<ul style="list-style-type: none"> • Improved access for participation
General Managers' meeting - 2	<ul style="list-style-type: none"> • Provides an opportunity for General Managers to share information and best management practices, debate and discuss areas of common interest or concern with peers
Create Team Building opportunities for Members	<ul style="list-style-type: none"> • The CO collective will become stronger and relations amongst CAs improved
Explore feasibility of recreating an annual policy conference	<ul style="list-style-type: none"> • CAs will be able to advocate and discuss policy initiatives that are most relevant to them
<p>Review existing committee relevance</p> <ul style="list-style-type: none"> • apply sunset clauses to committees and strive for regional representation on committees • Measure member engagement and results of committee work efforts 	<ul style="list-style-type: none"> • Input from various regional areas will be recognized • Improved committee functions will ensure effective use of CA staff time
Report more effectively on CO activities – continued improvement	<ul style="list-style-type: none"> • Members have improved understanding of the work /value of CO

REPORT FA 57/ 2016: To The Full Authority

FROM: Kim Smale, General Manager / Secretary-Treasurer

SUBJECT: C.A. Statistical Survey Results

DATE: September 28, 2016

Purpose:

To provide the members with a summary of the 2015 Conservation Authority Statistical Survey.

Discussion:

Each year, Conservation Ontario conducts a general survey of the 36 Conservation Authorities in order to collect information in the following five areas:


- General Information
- Financial
- CA Foundations
- Landholdings
- Programs / Services / Activities

The information collected through this survey is compiled and used by Conservation Ontario for advocacy and communication purposes. A copy of the compiled information is sent to each of the 36 Conservation Authorities and the Ministry of Natural Resources and Forestry.

A summary of the results of the 2015 Statistical Survey is attached for your reference and information. Please note the Municipal Levy column in the 2015 Financial Report that shows the CCCA with the lowest Municipal Levy in the province by \$72,855.00

RECOMMENDATION:

THAT, the 2015 Conservation Authority Statistical Survey Summary of Results attached to Report FA 57/2016, be received as information at this time.



Kim Smale
General Manager / Secretary-Treasurer

Conservation Authority Statistical Survey - 2015 General Report

2015 Statistical Survey Results			Area of CA Jurisdiction			Municipalities in Watershed				Population		
Conservation Authority	Sq Km	Hectares	Acres	Lower Tier Municipalities In Total	Lower Tier Member Municipalities	Upper Tier Municipalities In Total	Upper Tier Member Municipalities	Actual*	Apportioned**	Full Time (Permanent)		
	Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	
Ausable Bayfield Conservation Authority	2,500	250,000	617,763	12	12	4	0	45,509	38,659	20		
Catawaqui Region Conservation Authority	3,393	339,300	838,427	8	8	6	3	221,672	173,673	23		
Catfish Creek Conservation Authority	490	49,000	121,081	4	3	3	2	21,586	17,704	6		
Central Lake Ontario Conservation Authority	638	63,800	157,653	7	0	1	1	372,267	300,761	44		
Conservation Halton	1,000	100,000	247,105	6	1	4	3	567,162	451,697	133		
Credit Valley Conservation	1,000	100,000	247,105	11	5	4	2	929,231	614,349	162		
Crowe Valley Conservation Authority	2,006	200,600	495,693	10	10	0	0	10,508	9,352	7		
Essex Region Conservation Authority	1,681	168,130	415,458	8	8	1	1	405,025	332,350	37		
Ganaraska Region Conservation Authority	935	93,500	231,043	6	6	4	2	65,099	76,509	22		
Grand River Conservation Authority	6,800	680,000	1,680,314	25	13	13	9	931,856	782,253	137		
Grey Sauble Conservation	3,146	314,600	777,392	8	0	0	0	73,839	60,259	16		
Hamilton Conservation Authority	474	47,400	117,128	1	1	2	1	474,023	401,288	85		
Kawartha Conservation	2,563	256,300	633,330	5	2	3	2	90,873	53,189	22		
Kettle Creek Conservation Authority	520	52,000	128,495	5	5	4	2	54,611	89,600	12		
Lake Simcoe Region Conservation Authority	3,300	330,000	815,447	20	5	9	4	468,360	362,253	94		
Lakehead Region Conservation Authority	2,719	271,900	671,878	0	0	8	0	126,619	102,484	10		
Long Point Region Conservation Authority	2,893	289,300	714,875	5	2	5	4	112,201	98,305	18		
Lower Thames Valley Conservation Authority	3,275	327,500	809,269	8	8	5	2	127,884	101,857	18		
Lower Trent Conservation	2,121	212,100	524,110	6	6	3	1	83,264	59,621	16		
Maitland Valley Conservation Authority	3,266	326,600	807,045	15	15	4	0	57,637	53,014	15		
Mattagami Region Conservation Authority	11,000	1,100,000	2,718,155	0	0	1	1	44,965	34,972	3		
Mississippi Valley Conservation	4,455	445,500	1,100,853	10	10	5	1	32,518	261,171	28		
Niagara Peninsula Conservation Authority	2,424	242,400	598,983	12	0	3	3	467,436	493,718	56		
Nickel District Conservation Authority	7,576	757,600	1,872,067	1	0	1	1	168,035	130,630	6		
North Bay-Mattawa Conservation Authority	2,984	298,400	737,361	0	0	10	10	73,004	56,319	18		
Nottawasaga Valley Conservation Authority	3,646	364,600	900,945	17	17	1	0	220,166	193,828	31		
Otonabee Conservation	1,951	195,100	482,102	7	7	1	1	132,100	104,857	16		
Quinte Conservation	6,000	600,000	1,482,630	17	17	1	1	120,315	103,045	28		
Raisin Region Conservation Authority	1,680	168,000	415,136	4	4	1	1	86,313	65,645	14		
Rideau Valley Conservation Authority	4,243	424,300	1,048,467	16	16	7	2	1,026,854	418,307	57		
Saugeen Conservation	4,675	467,500	1,155,216	15	15	4	0	74,244	74,679	19		
Sault Ste. Marie Conservation Authority	283	28,300	69,931	0	0	2	2	78,115	67,094	8		
South Nation Conservation	4,382	438,200	1,082,814	15	15	4	1	118,133	289,021	46		
St. Clair Region Conservation Authority	4,100	410,000	1,013,131	16	16	1	1	164,754	151,292	29		
Toronto and Region Conservation Authority	3,467	346,700	856,713	14	2	6	4	4,476,974	3,517,992	505		
Upper Thames River Conservation Authority	3,432	343,200	848,064	15	7	7	7	544,918	386,089	79		
	111,018	11,101,830	27,433,177	329	236	138	75	13,068,070	10,527,836	1,840		

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Conservation Authority Sta										
2015 Statistical Survey Results		Staff				Board Members			Administrative	
Conservation Authority	Part Time (Permanent)	Contract	Contract FTE's	Seasonal	Seasonal FTE's	Total #	# Elected	# Non-Elected	Year of Last Update	
Column1	Column12	Column13	Column14	Column15	Column16	Column17	Column18	Column19	Column20	
Ausable Bayfield Conservation Authority	9	6	6	6	3	9	8	1	2015	
Catawqui Region Conservation Authority	4	4	4	26	3.5	17	13	4	2013	
Catfish Creek Conservation Authority	0	1	0	12	0	5	5	0	2011	
Central Lake Ontario Conservation Authority	1	0	0	29	5	14	14	0	2013	
Conservation Halton	0	0	23	598	0	18	11	7	2013	
Credit Valley Conservation	0	0	42	58	0	12	12	0		
Crowe Valley Conservation Authority	0	0	0	0	0	10	8	2	2015	
Essex Region Conservation Authority	0	3	2.8	36	9	19	19	0	1985	
Ganaraska Region Conservation Authority	6	0	0	6	3	10	10	0	2014	
Grand River Conservation Authority	16	2	2	28	14	26	21	5	2015	
Grey Sauble Conservation	0	4	2	13	0	11	10	1	2015	
Hamilton Conservation Authority	0	2	2	76	24	11	6	5	2014	
Kawartha Conservation	0	7	5.7	7	2.9	9	9	0	2010	
Kettle Creek Conservation Authority	0	1	0	24	0	10	7	3	2009	
Lake Simcoe Region Conservation Authority	1	9	7	21	7	18	16	2	2015	
Lakehead Region Conservation Authority	0	1	0	4	2	11	9	2	1978	
Long Point Region Conservation Authority	2	9	6	50	16	11	11	0	2004	
Lower Thames Valley Conservation Authority	2	6	4	15	7	12	10	2	1995	
Lower Trent Conservation	0	5	3.5	6	1.9	10	10	0	2013	
Maitland Valley Conservation Authority	3	0	5	6	0	11	10	1		
Mattagami Region Conservation Authority	0	2	0	10	1	5	5	0	2015	
Mississippi Valley Conservation	0	0	0	0	0	17	13	4		
Niagara Peninsula Conservation Authority	0	0	0	40	10	15	12	3		
Nickel District Conservation Authority	0	2	2	10	10	9	4	5	2007	
North Bay-Mattawa Conservation Authority	0	7	7	11	11	12	11	1	2011	
Nottawasaga Valley Conservation Authority	3	6	6	15	11	27	27	0		
Otonabee Conservation	0	4	1.5	13	4	11	10	1	20110	
Quinte Conservation	0	1	0	0	0	21	16	5		
Raisin Region Conservation Authority	0	0	0	2	0	8	7	1	2015	
Rideau Valley Conservation Authority	4	8	7.5	23	6	22	11	11		
Saugeen Conservation	2	5	4	10	4	15	15	0	2015	
Sault Ste. Marie Conservation Authority	0	0	0	0	0	5	5	0	1993	
South Nation Conservation	3	0	9	0	15	12	7	5	2012	
St. Clair Region Conservation Authority	2	3	2	39	14	20	18	2	1961	
Toronto and Region Conservation Authority	138	101	77	290	142	28	22	6		
Upper Thames River Conservation Authority	5	10	9	60	30	15	7	8	2015	
	201	209	240	1,544	356	496	409	87		

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Conservation Authority Statistical Survey - 2015 Financial Report

	Levy	Revenue							
Conservation Authority	Has CA Established a Minimum Levy	Federal	Provincial Section 39	Provincial Source Water Protection	Water and Erosion Control Infrastructure	Provincial Special Project	Municipal Levy	Municipal Special Project	Self - Generated Revenue
Ausable Bayfield Conservation Authority	No	460601	113106	419266	42223	0	855339	476424	1668819
Catawaqui Region Conservation Authority	No	0	109834	168390	10185	10811	2096470	0	1390303
Catfish Creek Conservation Authority	No	155711	79835	33238	0	97541	258168	0	685208
Central Lake Ontario Conservation Authority	No	117518	124833	47191	0	111888	3549252	50000	1222860
Conservation Halton	No	428406	300311	456813	514214	228322	7989189	720012	14513400
Credit Valley Conservation	No	1668793	185195	91970	0	315260	21074473	729641	4323432
Crowe Valley Conservation Authority	No	0	116741	50630	8384	0	430048	0	176337
Essex Region Conservation Authority	No	1099575	202263	131970	276538	441451	2817435	488295	1577733
Ganaraska Region Conservation Authority	Yes	0	100462	128263	4950	212550	859734	352301	1321639
Grand River Conservation Authority	No	139878	871073	1532692	509709	1001321	10548000	1211496	15683948
Gray Sauble Conservation	No	2000	71779	0	153855	0	1207375	0	1035558
Hamilton Conservation Authority	No	164943	174327	0	136250	174883	5700401	576000	8754007
Kawartha Conservation	No	21089	47730	58077	0	99183	1390100	861020	431305
Kettle Creek Conservation Authority	No	16682	119652	6243	14255	0	752579	0	1264476
Lake Simcoe Region Conservation Authority	No	1366104	132438	726774	0	941306	3423842	4970086	2310316
Lakehead Region Conservation Authority	No	33079	292380	116204	766562	119588	1266698	824916	244756
Long Point Region Conservation Authority	No	87305	68240	113156	111743	70467	1309223	9522	2377273
Lower Thames Valley Conservation Authority	No	236086	157807	31064	0	230787	987155	365297	670655
Lower Trent Conservation	No	244867	133329	317245	0	120065	816668	158003	196800
Maitland Valley Conservation Authority	No	47061	87520	50323	0	0	1242049	44560	1108014
Mattagamii Region Conservation Authority	No	40278	141430	169793	0	55440	448000	0	31211
Mississippi Valley Conservation	No	58910	248792	0	22954	13445	2534247	151089	532812
Niagara Peninsula Conservation Authority	No	160682	174496	161667	0	63750	6010610	2792333	2618276
Nickel District Conservation Authority	No	2639	154250	206160	0	23088	655000	8172	441787
North Bay-Mattawa Conservation Authority	No	57500	258539	293364	0	25000	922008	327483	745808
Nottawasaga Valley Conservation Authority	No	589483	188490	141678	0	267681	2055134	130073	1519683
Otonabee Conservation	No	10400	179660	73912	58671	10877	1009210	91345	981612
Quinte Conservation	No	22806	321779	193594	398044	163375	1211511	754360	2492931
Raisin Region Conservation Authority	No	86921	210124	131876	7750	0	800111	0	861891
Rideau Valley Conservation Authority	Yes	0	242687	118185	0	0	5103500	1529675	3039667
Saugeen Conservation	Yes	133988	150619	527096	0	62754	1586991	78188	1710260
Sault Ste. Marie Conservation Authority	No	0	131940	173969	5262	0	331023	0	68952
South Nation Conservation	No	226047	176409	194051	73951	95627	2938949	1172493	1620065
St. Clair Region Conservation Authority	No	440069	310003	212613	0	1808301	875824	374000	1585861
Toronto and Region Conservation Authority	No	1861000	774000	724000	386000	1645000	47009000	20080000	29585000
Upper Thames River Conservation Authority	No	506542	351020	628006	406497	955269	4169593	302323	7023390
TOTAL	3	\$ 10,486,963	\$ 7,503,093	\$ 8,429,473	\$ 3,907,997	\$ 9,365,030	\$ 146,234,909	\$ 39,629,107	\$ 115,816,045

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Conservation Authority Statis						
Conservation Authority	Total Revenue	Expenditures				Charitable Status
		Land Management	Water Management	Communications	Administration	Total Expenditures
Ausable Bayfield Conservation Authority	4035778	934031	2442126	25868	595297	3997322 Yes
Catawqui Region Conservation Authority	3785993	1463805	1530726	114546	595437	3704514 Yes
Catfish Creek Conservation Authority	1309701	802683	320557	23589	145737	1292566 Yes
Central Lake Ontario Conservation Authority	5223542	1418301	2142289	107705	1432525	5100820 Yes
Conservation Halton	25150667	13776346	5315967	812439	3128509	23033261 Yes
Credit Valley Conservation	28388764	16177681	7968413	1758596	369387	26274077 No
Crowe Valley Conservation Authority	782140	22056	711681	17531	46744	798012 Yes
Essex Region Conservation Authority	7035260	2437799	2237243	264499	818067	5757608 Yes
Ganaraska Region Conservation Authority	2979899	1081437	1248391	44600	775377	3149805 Yes
Grand River Conservation Authority	31498117	15200470	10924571	660117	2693713	29478871 Yes
Grey Sauble Conservation	2470567	778013	195565	123364	608989	1705931 Yes
Hamilton Conservation Authority	15680811	5358027	2373718	197029	4324254	12253028 Yes
Kawartha Conservation	2908504	361687	1892960	74800	512910	2842357 Yes
Kettle Creek Conservation Authority	2173887	1091329	761674	114545	123404	2090952 Yes
Lake Simcoe Region Conservation Authority	13870866	8091046	3540784	39093	1453975	13124898 Yes
Lakehead Region Conservation Authority	3664183	284978	2555512	124592	885826	3850908 Yes
Long Point Region Conservation Authority	4146929	2194504	854494	109374	1044034	4202406 Yes
Lower Thames Valley Conservation Authority	2678851	1437644	717990	221748	425210	2802592 Yes
Lower Trent Conservation	1986977	349791	1056166	0	639700	2045657 Yes
Maitland Valley Conservation Authority	2579527	527214	1358621	120676	526959	2533470 Yes
Mattagami Region Conservation Authority	886152	105275	213031	14895	371648	704849 No
Mississippi Valley Conservation	3562249	593685	2003014	58549	431809	3087057 Yes
Niagara Peninsula Conservation Authority	11981814	2617316	3056086	453160	3274154	9400716 Yes
Nickel District Conservation Authority	1491096	152887	642404	256919	382636	1434846 Yes
North Bay-Mattawa Conservation Authority	2629702	580480	1969434	27276	254951	2832141 Yes
Nottawasaga Valley Conservation Authority	4892222	1001505	2410344	0	1574236	4986085 Yes
Otonabee Conservation	2415687	562313	1093823	0	739654	2395790 Yes
Quinte Conservation	5558400	432062	4589099	138029	389294	5548484 Yes
Raisin Region Conservation Authority	2098673	633887	598130	566639	407703	2206359 Yes
Rideau Valley Conservation Authority	10033714	2948870	4973485	139345	1398664	9460364 Yes
Saugeen Conservation	4249896	1396426	1723048	203605	465969	3789048 Yes
Sault Ste. Marie Conservation Authority	711146	249673	426355	0	393071	1069099 Yes
South Nation Conservation	6497592	2497697	1221241	345347	1174539	6238824 Yes
St. Clair Region Conservation Authority	5606671	1457268	3522538	150368	882618	6012792 Yes
Toronto and Region Conservation Authority	102064000	37272000	55243000	1497000	10010000	104022000 Yes
Upper Thames River Conservation Authority	14342640	6054353	5715519	482280	2080709	14332861 Yes
TOTAL	\$ 341,372,617	\$ 132,344,539	\$ 140,549,999	\$ 9,288,123	\$ 45,377,709	\$ 327,560,370 34

Conservation Authority Statistical Survey - 2015 Foundations Report							
Conservation Authority	Foundation Exists?	Foundation				Gross Revenue	Contribution to CA
		Volunteers	FTE	Directors	Members		
Ausable Bayfield Conservation Authority	Yes	50	0	9	0	\$ 142,615	\$ 38,522
Cataraqui Region Conservation Authority	Yes	15	0	8	120	\$ 48,417	\$ 31,100
Catfish Creek Conservation Authority	No	0	0	0	0	-	-
Central Lake Ontario Conservation Authority	Yes	0	0	2	0	\$ 71,012	\$ 70,750
Conservation Halton	Yes	10	1	10	0	\$ 472,024	\$ 397,237
Credit Valley Conservation	Yes	150	2	12	0	\$ 1,304,935	\$ 1,546,765
Crowe Valley Conservation Authority	Yes	4	0.25	10	12	\$ 2,052	\$ 2,052
Essex Region Conservation Authority	Yes	16	1	14	0	\$ 184,034	\$ 108,300
Ganaraska Region Conservation Authority	Yes	0	1	5	0	-	-
Grand River Conservation Authority	Yes	60	4	17	17	\$ 838,925	\$ 845,550
Grey Sauble Conservation	Yes	20	0	12	11	\$ 36,869	\$ 12,327
Hamilton Conservation Authority	Yes	50	2	9	59	\$ 951,438	\$ 938,944
Kawartha Conservation	Yes	20	0	6	10	\$ 806	\$ -
Kettle Creek Conservation Authority	No	0	0	0	0	-	-
Lake Simcoe Region Conservation Authority	Yes	30	2	11	0	\$ 602,017	\$ 318,779
Lakehead Region Conservation Authority	Yes	50	0	4	7	\$ 31,165	\$ 20,000
Long Point Region Conservation Authority	No	0	0	0	0	-	-
Lower Thames Valley Conservation Authority	Yes	8	0	7	12	\$ 17,799	\$ 10,172
Lower Trent Conservation	No	0	0	0	0	-	-
Maitland Valley Conservation Authority	Yes	15	1	9	19	\$ 66,217	\$ 37,325
Mattagami Region Conservation Authority	Yes	16	2	16	0	\$ 93,596	\$ 7,175
Mississippi Valley Conservation	Yes	4	0	4	5	-	-
Niagara Peninsula Conservation Authority	Yes	0	0.5	3	0	\$ 212,836	\$ 100,000
Nickel District Conservation Authority	Yes	15	0	7	13	\$ 99,057	\$ 89,245
North Bay-Mattawa Conservation Authority	Yes	10	0	10	0	\$ 22,339	\$ 1,576
Nottawasaga Valley Conservation Authority	No	0	0	0	0	-	-
Otonabee Conservation	Yes	20	0.25	7	7	\$ 41,000	\$ 12,000
Quinte Conservation	No	0	0	0	0	-	-
Raisin Region Conservation Authority	No	0	0	0	0	-	-
Rideau Valley Conservation Authority	Yes	12	1	11	11	\$ 343,232	\$ 324,735
Saugeen Conservation	Yes	75	1	11	0	\$ 19,822	\$ 47,133
Sault Ste. Marie Conservation Authority	No	0	0	0	0	-	-
South Nation Conservation	No	0	0	0	0	-	-
St. Clair Region Conservation Authority	Yes	19	0	12	0	\$ 243,385	\$ 132,434
Toronto and Region Conservation Authority	Yes	25	6	14	0	\$ 2,770,469	\$ 2,040,782
Upper Thames River Conservation Authority	No	0	0	0	0	-	-
CA Program Occurrences/Total		694	25	240	303	\$8,616,061	\$7,132,903

Conservation Authority Statis								
Foundation Top Revenue Raisers:								
Conservation Authority	Individual Giving	Special Events	Foundation Grants (Public, Private)	Corporate Giving/ Sponsorships	Product Sales	Government Grants	Gifts of Stock	Bequests
Ausable Bayfield Conservation Authority	1	3				2		
Cataraqui Region Conservation Authority	2	1						
Catfish Creek Conservation Authority								
Central Lake Ontario Conservation Authority	1							
Conservation Halton	1		3	2				
Credit Valley Conservation			2	3		1		
Crowe Valley Conservation Authority	2	3	1					
Essex Region Conservation Authority		2		1				3
Ganaraska Region Conservation Authority								
Grand River Conservation Authority	1		2					3
Grey Sauble Conservation	2	1						3
Hamilton Conservation Authority	1		2		3			
Kawartha Conservation	1							
Kettle Creek Conservation Authority								
Lake Simcoe Region Conservation Authority	3	2	1					
Lakehead Region Conservation Authority	3	1		2				
Long Point Region Conservation Authority								
Lower Thames Valley Conservation Authority	1		3					
Lower Trent Conservation								
Maitland Valley Conservation Authority	2	1						
Mattagami Region Conservation Authority	1			2	3			
Mississippi Valley Conservation								
Niagara Peninsula Conservation Authority	1	3				2		
Nickel District Conservation Authority	1		3	2				
North Bay-Mattawa Conservation Authority					1			
Nottawasaga Valley Conservation Authority								
Otonabee Conservation	1							
Quinte Conservation								
Raisin Region Conservation Authority								
Rideau Valley Conservation Authority	1				3	2		
Saugeen Conservation	2	1		3				
Sault Ste. Marie Conservation Authority								
South Nation Conservation								
St. Clair Region Conservation Authority	1		3	2				
Toronto and Region Conservation Authority			1	3		2		
Upper Thames River Conservation Authority								
CA Program Occurances/Total								

Conservation Authority Statis		Foundation is Most Successful in Raising Funds for:				
Conservation Authority	Tree Planting	Land Acquisition	Species Protection	Environmental Education	Water Protection	Capital Development/ Works
Ausable Bayfield Conservation Authority			3	1	2	
Cataraqui Region Conservation Authority		2		1		
Catfish Creek Conservation Authority						
Central Lake Ontario Conservation Authority						1
Conservation Halton			2	1		3
Credit Valley Conservation	3			2		1
Crowe Valley Conservation Authority				1	3	2
Essex Region Conservation Authority	1			3		2
Ganaraska Region Conservation Authority						
Grand River Conservation Authority	3			1		2
Grey Sauble Conservation	1			3	2	
Hamilton Conservation Authority		1		2		3
Kawartha Conservation						
Kettle Creek Conservation Authority						
Lake Simcoe Region Conservation Authority	2			3	1	
Lakehead Region Conservation Authority		3		1		2
Long Point Region Conservation Authority						
Lower Thames Valley Conservation Authority	1			3		2
Lower Trent Conservation						
Maitland Valley Conservation Authority	2		3		1	
Mattagami Region Conservation Authority	3			2		1
Mississippi Valley Conservation						
Niagara Peninsula Conservation Authority			3	2		1
Nickel District Conservation Authority				1	3	2
North Bay-Mattawa Conservation Authority				1		
Nottawasaga Valley Conservation Authority						
Otonabee Conservation	2			1		
Quinte Conservation						
Raisin Region Conservation Authority						
Rideau Valley Conservation Authority	2	3			1	
Saugeen Conservation	1			2		3
Sault Ste. Marie Conservation Authority						
South Nation Conservation						
St. Clair Region Conservation Authority	3	1		2		
Toronto and Region Conservation Authority	2			1		3
Upper Thames River Conservation Authority						
CA Program Occurrences/Total						

Conservation Authority Statistical Survey - 2015 Landholdings Report									
Conservation Authority	Totals			Property Type					
	Total Land Hectares	Total Taxes	Forests (ha)	Wetlands (ha)	Natural Hazard (ha)	Great Lakes Shoreline (ha)	Niagara Escarpment (ha)	Oak Ridges Moraine (ha)	
Ausable Bayfield Conservation Authority	3942	39348.00	2827	862	512	1	0	0	
Cataquui Region Conservation Authority	4362	41305.00	2612	1774	2046	237	0	0	
Catfish Creek Conservation Authority	554	14393.00	210	108	112	1	0	0	
Central Lake Ontario Conservation Authority	2717	58716.00	1609	584	1282	252	0	1347	
Conservation Halton	3844	38142.00	2987	1270	1433	8	2511	0	
Credit Valley Conservation	2705	41623.00	1595	645	1889	152	1090	59	
Crowe Valley Conservation Authority	673	5620.00	449	20	0	0	0	0	
Essex Region Conservation Authority	1670	53686.00	630	660	1280	15	0	0	
Ganaraska Region Conservation Authority	4653	52663.00	4585	64	81	17	0	4529	
Grand River Conservation Authority	20118	546992.00	7647	7120	8363	0	0	0	
Grey Sauble Conservation	11581	55000.00	9461	1604	2962	272	5584	0	
Hamilton Conservation Authority	4403	134328.00	2730	1308	2393	100	1253	0	
Kawartha Conservation	1188	6193.00	588	186	402	0	0	579	
Kettle Creek Conservation Authority	528	7879.00	372	142	362	0	0	0	
Lake Simcoe Region Conservation Authority	1602	21825.00	8049	1073	1185	0	0	47	
Lakehead Region Conservation Authority	2500	39048.00	1059	492	129	208	0	0	
Long Point Region Conservation Authority	4454	119228.00	3578	1765	3618	399	0	0	
Lower Thames Valley Conservation Authority	529	40780.00	176	171	83	4	0	0	
Lower Trent Conservation	1505	41448.00	700	803	28	5	0	89	
Maitland Valley Conservation Authority	1803	31561.00	1575	1048	76	0	0	0	
Mattagami Region Conservation Authority	362	40000.00	321	0	0	0	0	0	
Mississippi Valley Conservation	430	18441.00	248	23	5	0	0	0	
Niagara Peninsula Conservation Authority	2934	39427.00	765	1546	869	73	551	0	
Nickel District Conservation Authority	1499	23584.00	725	173	0	0	0	0	
North Bay-Mattawa Conservation Authority	687	22205.00	507	90	635	0	0	0	
Nottawasaga Valley Conservation Authority	5135	19084.00	4287	3221	3212	7	221	40	
Otonabee Conservation	4179	13095.00	2437	1727	17	0	0	29	
Quinte Conservation	12929	54000.00	5987	3148	0	62	0	0	
Raisin Region Conservation Authority	1800	5378.00	210	382	275	0	0	0	
Rideau Valley Conservation Authority	2710	28389.00	1590	801	215	0	0	0	
Saugeen Conservation	8644	61384.00	8431	4644	28	83	0	0	
Sault Ste. Marie Conservation Authority	1994	21893.00	1930	457	64	6	0	0	
South Nation Conservation	5036	52091.00	5020	450	300	0	0	0	
St. Clair Region Conservation Authority	2153	59784.00	892	183	1048	15	0	0	
Toronto and Region Conservation Authority	18112	1012916.00	9436	1671	10332	1394	515	4598	
Upper Thames River Conservation Authority	5972	299372.00	3864	1761	3892	0	0	0	

Conservation Authority Statistics

e Categories							Interpretive Centres		
Conservation Authority	Recreation (ha)	Cultural (ha)	Natural Heritage (ha)	ANSI (ha)	Office Workshops (ha)	Trails (km)	# Permanent	# Seasonal	
Ausable Bayfield Conservation Authority	3845	5	3035	217	5	50	0	1	
Catawqui Region Conservation Authority	1701	1	629	103	11	165	1	1	
Catfish Creek Conservation Authority	303	0	73	116	2	19	0	0	
Central Lake Ontario Conservation Authority	1791	0	2716	839	7	49	0	0	
Conservation Halton	3710	13	1249	2486	6	92	3	0	
Credit Valley Conservation	1876	314	2543	1283	22	122	3	0	
Crowe Valley Conservation Authority	479	0	0	81	5	10	0	0	
Essex Region Conservation Authority	1044	3	1068	348	5	79	1	1	
Ganaraska Region Conservation Authority	4653	33	4601	1267	6	517	1	0	
Grand River Conservation Authority	7538	0	14767	5375	5	350	5	1	
Grey Sauble Conservation	11450	360	11450	3788	12	77	0	1	
Hamilton Conservation Authority	0	0	3919	1596	4	170	1	0	
Kawartha Conservation	1119	0	807	0	1	23	0	0	
Kettle Creek Conservation Authority	500	40	176	142	8	34	0	2	
Lake Simcoe Region Conservation Authority	1403	0	1450	598	5	74	1	0	
Lakehead Region Conservation Authority	1011	0	0	0	3	28	0	0	
Long Point Region Conservation Authority	530	10	463	741	5	7	1	0	
Lower Thames Valley Conservation Authority	306	4	434	2	5	25	1	1	
Lower Trent Conservation	371	3	1370	375	2	20	1	0	
Maitland Valley Conservation Authority	657	0	0	978	2	15	0	1	
Mattagami Region Conservation Authority	21	0	0	0	1	55	0	0	
Mississippi Valley Conservation	392	21	0	0	5	62	1	1	
Niagara Peninsula Conservation Authority	2934	115	2410	699	699	69	2	0	
Nickel District Conservation Authority	1215	0	0	0	0	64	1	0	
North Bay-Mattawa Conservation Authority	345	192	0	0	5	35	1	0	
Nottawasaga Valley Conservation Authority	4836	25	3826	3740	14	68	1	0	
Otonabee Conservation	933	16	0	460	2	23	0	0	
Quinte Conservation	2101	39	0	1291	2	90	1	0	
Raisin Region Conservation Authority	2075	0	511	17	21	14	0	1	
Rideau Valley Conservation Authority	600	0	0	237	1	41	3	0	
Saugeen Conservation	442	0	0	4112	16	44	2	0	
Sault Ste. Marie Conservation Authority	1738	0	0	314	1	103	0	0	
South Nation Conservation	5034	81	190	323	3	35	0	0	
St. Clair Region Conservation Authority	1712	1	0	0	1	44	1	0	
Toronto and Region Conservation Authority	5214	378	14784	5573	20	629	5	5	
Upper Thames River Conservation Authority	1510	17	8916	1214	4	77	0	2	

Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - Municipal Services/Partnerships						
Conservation Authority	Municipal Plan Input		Municipal Plan Review		Municipal Resident Services	
	# of Municipalities to Which Service Was Provided	# of Transactions Per Year	# of Municipalities to Which Service Was Provided	# of Transactions Per Year	# of Applications for Septic System Review	# of Wells Decommissioned
Ausable Bayfield Conservation Authority	12	2	12	83	0	14
Catawqui Region Conservation Authority	4	5	14	256	0	0
Catfish Creek Conservation Authority	5	120	6	61	0	0
Central Lake Ontario Conservation	7	9	7	181	0	0
Conservation Halton	7	20	7	1318	0	0
Credit Valley Conservation	11	2	14	161	0	0
Crowe Valley Conservation	10	0	10	152	0	0
Essex Region Conservation Authority	9	0	9	597	0	0
Ganaraska Region Conservation Authority	8	1	8	78	0	0
Grand River Conservation Authority	19	46	46	402	0	2
Grey Sauble Conservation Authority	8	13	10	520	0	0
Hamilton Conservation Authority	2	1	2	177	0	0
Kawartha Conservation	6	3	6	86	0	0
Kettle Creek Conservation Authority	7	12	7	105	0	0
Lake Simcoe Region Conservation Authority	16	11	16	448	0	0
Lakehead Region Conservation Authority	8	1	8	156	0	0
Long Point Region Conservation Authority	8	6	8	90	0	0
Lower Thames Valley Conservation Authority	10	3	10	239	0	0
Lower Trent Conservation	7	3	7	123	0	0
Maitland Valley Conservation Authority	3	12	11	61	0	0
Mattagami Region Conservation Authority	1	1	1	75	0	0
Mississippi Valley Conservation	0	2	11	265	0	0
Niagara Peninsula Conservation Authority	15	17	15	370	0	0
Nickel District Conservation Authority	1	2000	1	1500	0	0
North Bay-Mattawa Conservation Authority	9	1	9	130	0	0
Notawasaga Valley Conservation Authority	18	5	18	441	0	9
Otonabee Conservation	8	12	8	300	0	0
Quinte Conservation	18	0	0	0	18	2
Raisin Region Conservation Authority	5	0	5	0	0	0
Rideau Valley Conservation Authority	18	0	18	0	577	23
Saugeen Conservation	5	6	15	305	0	0
Sault Ste Marie Region Conservation Authority	2	101	2	0	0	0
South Nation Conservation	18	3500	18	790	285	10
St. Clair Region Conservation Authority	12	53	12	135	0	0
Toronto and Region Conservation Authority	18	32	18	788	0	0
Upper Thames River Conservation Authority	24	2	24	658	0	0
CA Program Totals	339	6,002	393	11,051	880	60

Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - Section 28 Regulation/Mapping, Flood Hazards

Conservation Authority	Section 28 Permits				Appeals				Violations				Floodplain				Works				Flood Messages			
	Section 28 Permits Issued	Section 28 Permits Renewed	Section 28 Permits Appealed	Section 28 Permits Issued	# of Appeals	# of Violations Issued	# of Violations Resolved Without Prosecution	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Structures in Floodplain	# of Erosion Control Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures	# of Flood Works to Protect Structures
Ausable Bayfield Conservation Authority	161	156	5	5	11	10	10	1640	225	195	51873	14	27139	100	0	0	0	0	0	0	0	0	0	0
Catawba Region Conservation Authority	349	315	0	0	10	9	358	22	416	48977	53	13117	85	0	0	0	0	0	0	0	0	0	0	0
Catfish Creek Conservation Authority	60	16	0	0	0	0	0	281	6	24	8913	1	1280	6	0	0	0	0	0	0	0	0	0	0
Central Lake Ontario Conservation Authority	265	265	0	0	3	3	2510	92	659	312500	100	26576	100	0	0	0	0	0	0	0	0	0	0	0
Conservation Halton	375	253	0	0	15	10	2747	142	8009	38954	14	13649	0	0	0	0	0	0	0	0	0	0	0	0
Credit Valley Conservation	370	367	0	0	5	5	700	200	110	33500	35	13800	15	0	0	0	0	0	0	0	0	0	0	0
Crowe Valley Conservation	0	185	0	0	5	5	0	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex Region Conservation Authority	753	560	13	13	14	0	10000	0	0	0	38304	0	38304	0	0	0	0	0	0	0	0	0	0	0
Ganaraska Region Conservation Authority	791	753	0	0	1	76	0	1107	83	592	24157	26	5681	100	0	0	0	0	0	0	0	0	0	0
Grand River Conservation Authority	339	334	0	0	24	23	14982	754	4793	233110	31	71525	10	0	0	0	0	0	0	0	0	0	0	0
Grey Sauble Conservation Authority	87	87	0	0	14	0	0	15	89	1682	2	1500	0	0	0	0	0	0	0	0	0	0	0	0
Hamilton Conservation Authority	339	290	0	0	12	0	1030	66	310	27800	100	0	100	0	0	0	0	0	0	0	0	0	0	0
Kawartha Conservation	44	44	0	0	2	2	278	46	289	12380	24	4553	8	0	0	0	0	0	0	0	0	0	0	0
Kettle Creek Conservation Authority	899	768	0	0	128	31	6011	460	3950	95126	100	36374	100	0	0	0	0	0	0	0	0	0	0	0
Lake Simcoe Region Conservation Authority	60	60	0	0	4	3	150	18	179	64067	22	2300	1	0	0	0	0	0	0	0	0	0	0	0
Lakehead Region Conservation Authority	165	165	0	0	2	1	2413	0	384	68745	24	5523	50	0	0	0	0	0	0	0	0	0	0	0
Long Point Region Conservation Authority	196	192	0	0	3	192	2	1242	175	163	76800	100	36521	100	0	0	0	0	0	0	0	0	0	0
Lower Thames Valley Conservation Authority	140	140	0	0	17	9	2000	63	571	34770	50	10363	95	0	0	0	0	0	0	0	0	0	0	0
Lower Trent Conservation	90	90	0	0	5	3	1000	89	744	12800	38	13835	75	0	0	0	0	0	0	0	0	0	0	0
Maitland Valley Conservation Authority	15	15	0	0	0	0	210	50	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mattagami Region Conservation Authority	0	200	0	0	15	13	1571	25	488	40758	100	6338	100	0	0	0	0	0	0	0	0	0	0	0
Mississippi Valley Conservation	255	255	0	0	76	68	1373	0	935	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niagara Peninsula Conservation Authority	115	110	0	0	13	10	400	0	150	17385	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nickel District Conservation Authority	103	89	0	0	5	4	1002	12	124	67403	22	0	0	0	0	0	0	0	0	0	0	0	0	0
North Bay-Maitava Conservation Authority	344	313	0	0	39	0	6543	765	160	1720	46	680	100	0	0	0	0	0	0	0	0	0	0	0
Nottawasaga Valley Conservation Authority	226	210	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otonabee Conservation	277	248	2	2	34	34	0	0	0	510	170480	0	170480	0	0	0	0	0	0	0	0	0	0	0
Raisin Region Conservation Authority	92	34	0	0	0	0	0	925	11	442	1513	25	8325	100	0	0	0	0	0	0	0	0	0	0
Rideau Valley Conservation Authority	0	0	0	0	0	0	0	2730	99	350	92380	100	15779	10	0	0	0	0	0	0	0	0	0	0
Saugeen Conservation	230	230	0	0	102	29	1700	0	200	0	400	0	0	0	0	0	0	0	0	0	0	0	0	0
Sault Ste Marie Region Conservation Authority	187	104	0	0	2	2	517	11	79	18360	100	548	100	0	0	0	0	0	0	0	0	0	0	0
South Nation Conservation	144	138	0	0	7	6	3221	96	900	18500	13	57000	26	0	0	0	0	0	0	0	0	0	0	0
St. Clair Region Conservation Authority	183	183	0	0	0	0	5000	200	69	148158	100	124111	100	0	0	0	0	0	0	0	0	0	0	0
Toronto and Region Conservation Authority	1194	1004	0	0	63	37	6376	289	1427	57755	100	14713	90	0	0	0	0	0	0	0	0	0	0	0
Upper Thames River Conservation Authority	208	199	0	0	5	2	5200	321	3200	71764	21	28038	8	0	0	0	0	0	0	0	0	0	0	0
CA Program Total	9,132	8,448	20	20	692	330	85,609	4,353	30,609	2,165,508	21	800,091	8	0	0	0	0	0	0	0	0	0	0	31

Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - MOECC		
	MOECC	
Conservation Authority	Review of Permit to Take Water Applications	Number of PTTW Applications Reviewed
Ausable Bayfield Conservation Authority	Yes	1
Catawaqui Region Conservation Authority	Yes	8
Catfish Creek Conservation Authority	Yes	2
Central Lake Ontario Conservation	Yes	2
Conservation Halton	No	0
Credit Valley Conservation	No	0
Crowe Valley Conservation	default	0
Essex Region Conservation Authority	default	0
Ganaraska Region Conservation Authority	No	0
Grand River Conservation Authority	Yes	1
Grey Sauble Conservation Authority	Yes	0
Hamilton Conservation Authority	Yes	9
Kawartha Conservation	No	0
Kettle Creek Conservation Authority	No	0
Lake Simcoe Region Conservation Authority	No	0
Lakehead Region Conservation Authority	Yes	0
Long Point Region Conservation Authority	Yes	2
Lower Thames Valley Conservation Authority	No	0
Lower Trent Conservation	Yes	0
Maitland Valley Conservation Authority	No	0
Mattagami Region Conservation Authority	No	0
Mississippi Valley Conservation	default	0
Niagara Peninsula Conservation Authority	Yes	8
Nickel District Conservation Authority	Yes	5
North Bay-Mattawa Conservation Authority	No	0
Nottawasaga Valley Conservation Authority	No	0
Otonabee Conservation	Yes	7
Quinte Conservation	Yes	11
Raisin Region Conservation Authority	Yes	6
Rideau Valley Conservation Authority	Yes	5
Saugeen Conservation	No	0
Sault Ste Marie Region Conservation Authority	No	0
South Nation Conservation	Yes	12
St. Clair Region Conservation Authority	Yes	10
Toronto and Region Conservation Authority	No	0
Upper Thames River Conservation Authority	Yes	10
CA Program Total	19	99

Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - Water Activities/Products/Low Water

Conservation Authority	Product	Product Description	Data Collection and Monitoring										Low Water Response			
			# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB	# of Basins for Water Quality under POCB
Available Bayfield Conservation Authority	Yes	Modified OGBN (ANCA #100000)	34	0	62	16	11	11	11	11	11	11	1	0	0	1
Cape Breton Region Conservation Authority	Yes	Modified OGBN (ANCA #100000)	10	14	6	6	0	0	0	0	0	0	1	0	0	0
Central Lake Ontario Conservation Authority	Yes	Modified OGBN (ANCA #100000)	26	9	15	5	2	2	2	2	2	2	1	0	0	1
Conservation Halton	Yes	Modified OGBN (ANCA #100000)	43	13	0	8	0	0	0	0	0	0	0	0	0	0
Crest Valley Conservation Authority	Yes	Modified OGBN (ANCA #100000)	45	16	49	14	15	15	15	15	15	15	1	0	0	1
Crow Valley Conservation Authority	Yes	Modified OGBN (ANCA #100000)	9	5	7	7	0	0	0	0	0	0	0	0	0	0
Essex Region Conservation Authority	Yes	Modified OGBN (ANCA #100000)	15	8	46	8	0	0	0	0	0	0	0	0	0	0
Genesee Region Conservation Authority	Yes	OGBN and Other Methods	13	9	18	17	4	4	4	4	4	4	0	0	0	1
Grand River Conservation Authority	Yes	OGBN	15	37	41	17	10	10	10	10	10	10	4	1	0	3
Grey Stables Conservation Authority	Yes	OGBN	24	6	8	9	0	0	0	0	0	0	0	0	0	1
Hamilton Conservation Authority	Yes	OGBN	24	6	8	9	0	0	0	0	0	0	0	0	0	1
Kawartha Conservation Authority	Yes	OGBN	15	11	104	13	0	0	0	0	0	0	0	0	0	0
Kettle Creek Conservation Authority	Yes	OGBN	28	4	5	7	0	0	0	0	0	0	0	0	0	1
Lake Simcoe Region Conservation Authority	Yes	OGBN	50	8	24	23	0	0	0	0	0	0	1	0	0	1
Long Point Region Conservation Authority	Yes	OGBN	20	9	1	11	0	0	0	0	0	0	0	0	0	0
Lower Trent Conservation Authority	Yes	Modified OGBN	31	9	0	9	0	0	0	0	0	0	0	0	0	0
Muskegon Valley Conservation Authority	Yes	OGBN	1	12	13	11	0	0	0	0	0	0	0	1	0	1
Madison Region Conservation Authority	Yes	OGBN	6	14	2	4	0	0	0	0	0	0	0	0	0	0
Metropolitan Region Conservation Authority	Yes	OGBN	15	13	62	35	10	10	10	10	10	10	0	0	0	0
Nipigon Peninsula Conservation Authority	Yes	OGBN	0	10	0	5	14	14	14	14	14	14	0	0	0	0
Niagara District Conservation Authority	Yes	OGBN	6	8	30	4	0	0	0	0	0	0	0	0	0	0
North Bay-Mattawa Conservation Authority	Yes	OGBN	77	18	52	19	62	62	62	62	62	62	0	0	0	0
Northwest Valley Conservation Authority	Yes	OGBN	16	16	4	6	0	0	0	0	0	0	0	0	0	0
Ontario Conservation Authority	Yes	OGBN	24	12	10	3	0	0	0	0	0	0	0	0	0	0
Orillia Region Conservation Authority	Yes	OGBN	0	4	10	5	0	0	0	0	0	0	0	0	0	0
Rideau Valley Conservation Authority	Yes	OGBN	60	10	55	15	0	0	0	0	0	0	2	1	0	1
Sauguen Conservation Authority	Yes	OGBN	0	14	15	21	0	0	0	0	0	0	0	0	0	0
Sault Ste. Marie Conservation Authority	Yes	OGBN	6	6	5	12	0	0	0	0	0	0	0	0	0	0
South Nation Conservation Authority	Yes	OGBN	25	8	5	18	0	0	0	0	0	0	2	0	0	1
St. Clair Region Conservation Authority	Yes	OGBN	15	8	21	0	0	0	0	0	0	0	0	0	0	0
Toronto and Region Conservation Authority	Yes	OGBN	245	13	31	20	0	0	0	0	0	0	0	0	0	1
Upper Thames River Conservation Authority	Yes	OGBN	155	24	28	28	17	17	17	17	17	17	1	1	0	0
CA Program Total	Yes	OGBN	1,643	411	734	426	183	183	183	183	183	183	18	3	0	18

Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - Recreation & Education

Conservation Authority	Recreation										Education									
	# of Conservation Areas	Total Area of Conservation Areas (hectares)	# of Campsites	Number of Visitors Per Year	# of Environmental Education Programs	Cost of Environmental Education Programs	Supply CA Interpretive Program Standard	# of Supplies Acquired in Program	Program Agreement for Program Delivery with Third Party	Net Prog. Cost per Person	Net Prog. Cost per Person	Program Designed to Meet Needs of the Community	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education	Program Budgeted Toward Education
Available Bayfield Conservation Authority	7	1000	0	55000	50	Yes	209332	Yes	48 No	7968	275	11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Catawba Region Conservation Authority	6	4421	0	450000	166	Yes	255223	Yes	94 Limestone District, Algonquin and Lanarkshire Catholic	8388	0	7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cataraugus Conservation Authority	6	554	234	16000	20	Yes	1000	Yes	81 No	2800	0	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Central Lake Ontario Conservation Authority	8	2413	0	175000	76	Yes	123765	Yes	74 No	5170	0	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conservation Habitat	10	2820	36	558916	104	Yes	764728	Yes	0 No	56301	0	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Croft Valley Conservation	60	2727	0	730000	117	Yes	29649	Yes	79 N/A	7448	350	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Crow Valley Conservation Authority	4	571	0	2000	10	No	0	No	0	0	0	0	default	default	default	default	default	default	default	default
Eaton Region Conservation Authority	0	0	0	0	0	Yes	0	Yes	78 No	9538	250	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Genesee Region Conservation Authority	11	229	0	0	0	Yes	66983	Yes	140 Peterborough Victoria Northumberland Clam Lake	9500	400	13	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Grand River Conservation Authority	17	11800	2600	0	300	Yes	124796	Yes	580 Wainwright Catholic District School Board, Wellington C	30000	350	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Grey Sauble Conservation	29	11272	0	40000	300	Yes	0	Yes	0 We do not offer an education program. Saugeen Col	0	0	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hamilton Conservation Authority	21	4279	305	1310000	313	Yes	339000	Yes	100 Yes, with Hamilton watershed board of education, in	10000	569	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kawartha Conservation	7	1320	1	20000	30	Yes	14000	No	2 No	220	275	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kettle Creek Conservation Authority	8	544	439	13000	22	Yes	0	No	5	100	0	6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lake Simcoe Region Conservation Authority	0	0	0	0	0	Yes	380000	Yes	74 SCDSB	7700	0	16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lanarkshire Region Conservation Authority	8	1250	0	282000	28	Yes	30554	Yes	38 N/A	787	165	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Long Point Region Conservation Authority	5	332	699	260884	7	Yes	92372	Yes	32 Grand Erie District School Board and Brant Haldimand	2210	219	10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lower Thames Valley Conservation Authority	25	690	125	37000	30	Yes	369254	Yes	100 No	3900	165	11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lower Trent Conservation	17	1483	0	0	20	No	0	No	0	0	0	0	No	No	No	No	No	No	No	No
Maitland Valley Conservation Authority	13	514	270	30000	19	Yes	92169	Yes	36 none	7300	0	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Matamoras Region Conservation Authority	5	270	0	275000	55	No	0	No	0	3150	225	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mississippi Valley Conservation	3	200	0	0	0	default	83090	Yes	55	0	0	0	default	default	default	default	default	default	default	default
Niagara Peninsula Conservation Authority	0	0	0	0	0	default	0	default	0	0	0	0	default	default	default	default	default	default	default	default
Nickel District Conservation Authority	1	959	0	8000	0	Yes	250000	Yes	50 No	9500	0	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
North Bay-Mattawa Conservation Authority	14	680	0	60000	42	Yes	1500	No	0 No, summer camp offered in cooperation with local	25	0	0	No	No	No	No	No	No	No	No
Nottawasaga Valley Conservation Authority	12	4856	120	27000	68	Yes	318000	Yes	184 Yes - Simcoe County District School Board	11721	420	13	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oxbridge Conservation	12	7011	153	43000	152	Yes	30000	No	40 No	4300	0	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quinte Conservation	0	0	0	0	0	Yes	25000	Yes	20 no formal contract but we offer education programs	2500	0	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rain Region Conservation Authority	3	370	304	9500	27	Yes	33000	Yes	12	315	0	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ridau Valley Conservation Authority	9	1271	3	0	41	Yes	87150	Yes	104 Ottawa Catholic School Board, Ottawa Catholic Distr	7843	150	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Saugeen Conservation	10	599	446	68902	44	Yes	92885	Yes	75 No	8276	152	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sault Ste. Marie Conservation Authority	5	1419	0	3000	103	Yes	0	No	4 Male class delivery of program	120	0	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
South Nation Conservation	15	530	0	81000	35	Yes	21000	No	26 No formal contract and agreement in place Majority	7500	0	3	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
St. Clair Region Conservation Authority	16	790	522	200000	43	Yes	129000	Yes	85 No	12674	0	5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Toronto and Region Conservation Authority	8	1450	633	796839	429	Yes	530000	Yes	750 Toronto District School Board, Durham District School	150000	400	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Upper Thames River Conservation Authority	3	7982	1790	485500	76	Yes	317752	Yes	201 No	26935	150	6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CA Program Total	422	71347	8009	6,017,861	2,543	32	\$11,456,593	26	3,099	420,889	150	6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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Conservation Authority Statistical Survey - 2015 Services, Programs, Activities Report - Climate Change

STRATEGY		TECHNICAL STUDIES/PILOT PROJECTS		CLIMATE CHANGE STRATEGY COMPONENTS		CLIMATE CHANGE TECHNICAL STUDIES/PILOT PROJECTS		CLIMATE CHANGE STRATEGIC PLAN PROJECTS LIST		INITIATIVE OR ADAPTIVE ACTIONS		CLIMATE CHANGE MITIGATIVE OR ADAPTIVE ACTIONS LIST	
Conservation Authority	Climate Change Strategy			(In Reporting Year)		Climate Change Technical Studies/Pilot Projects		(In Reporting Year)		Climate Change Mitigative or Adaptive Actions		(In Reporting Year)	
Available Bayfield Conservation Authority	No					Yes		Optimize Operations of Climate Change Monitoring Station		No			
Catawba Region Conservation Authority	No					No		Climate Change Rainfall Adjustments		No			
Cedar Creek Conservation Authority	No					Yes				No			
Central Lake Ontario Conservation Authority	No					No				No			
Conservation Halton	No							1. Phases of Developing a Climate Change Model for the Credit River Watershed Background Review and Characterization (trend analysis)					
Credit Valley Conservation	Yes					Yes		2. Climate change monitoring (climate, streamflow, and water quality)		Yes			Incorporate low impact development practices in the stormwater management system
Crown Valley Conservation Authority	No					No		3. Climate change monitoring (climate, streamflow, and water quality)		No			
Essex Region Conservation Authority	No					Yes		1) OF (with TRCA)		Yes			Updating policies
Georgian Bay Region Conservation Authority	No					Yes		2) Stormwater Guidelines		Yes			Options implementation of the CMCA Climate Change Strategy
Grand River Conservation Authority	No					Yes		Erosion Assessment Brook Creek		Yes			Incorporate winter monitoring of precipitation and installing back up power and communications to the monitoring and data networks network
Grey Bruce Conservation	No					Yes		BP Curve Evaluation		Yes			
Hamilton Conservation Authority	No					No		modelling study to look at effects to groundwater/surface water interactions and wetlands		No			
Kawartha Conservation	No					Yes		1. Incorporating Climate Change scenario into Lower Spencer Integrated Subwatershed Study		No			
Kawartha Conservation	Yes					Yes		2. Hamilton CC Vulnerability Study (with City of Hamilton)		Yes			Climate change mitigation/adaptation recommendations are included into the OCM watershed planning and are being developed for the lake management planning
Lake Simcoe Region Conservation Authority	No					No		Continued data collection, information collection, development of the discussion paper on climate change		No			
Lambrton Region Conservation Authority	No					Yes		Assessment of climate change impacts on seasonal flow regimes		No			
Long Point Region Conservation Authority	No					No				No			
Lower Thames Valley Conservation Authority	No					No				No			
Lower Trent Conservation	No					No				No			
Maitland Valley Conservation Authority	Yes					Yes		updating policy and the climate/adaptation risk mapping along Lake Huron		Yes			reforesting as land on CA priorities to sequester carbon and expand existing forests
Midland Region Conservation Authority	No					No				Default			
Midwest Valley Conservation	Default					Default				No			
Nagara Peninsula Conservation Authority	No					No				No			
Niagara District Conservation Authority	No					No				No			
North Bay-Maitland Conservation Authority	No					No				No			
Northwest Valley Conservation Authority	No					No				No			
Ontario Conservation	No					No				No			
Quinte Conservation	Yes					No				Yes			Review of Stormwater projects with Climate Change promoting actions to reduce our carbon footprint
Rain Region Conservation Authority	No					No				No			
Reesor Valley Conservation Authority	Yes					Yes		Other Nation Study		No			
Seaboard Conservation	No					No				No			
South Lake Huron Conservation Authority	No					No		United Counties of Prescott and Russell Infrastructure Assessment		No			
South Nipigon Conservation	No					Yes		United Counties of Stormont, Dundas, and Glengarry Stormwater Ponds Assessment		Yes			Climate Change Adaptation Programs Review City of Ottawa and UCPB
St. Clair Region Conservation Authority	No					Yes		trend analysis		No			
Toronto and Region Conservation Authority	No					Yes		Peer review and acceptance of new 2D hydrology and hydraulic modelling in Spring Creek (completed). Intensity, Duration and Frequency Curve Comparative Methodology Study (completed). Electrical Transmission Vulnerability Assessment - Ontario wide (ongoing)		Yes			Black Creek SNA - Harvest the Rain installed 69 rain barrels (Climate Adaptation). Real time flood forecasting and warning system (ongoing). Priority Erosion Project implemented using innovative design/technology to reduce vulnerability to extreme winds
Upper Thames River Conservation Authority	No					No				No			

CA Program Total

5

14

9

41

REPORT FA 58 / 2016: To The Full Authority

FROM: Kim Smale, General Manager / Secretary – Treasurer

SUBJECT: Big Picture Collaborative

DATE: October 5, 2016

Purpose:

To consider providing the Carolinian Canada Coalition with a letter of support for the Big Picture Tracking Collaborative Project.

Discussion:

The Catfish Creek Conservation Authority (CCCA) received an e-mail on October 4th, 2016, requesting our support in principle for Carolinian Canada's Big Picture Tracking Collaborative Project.

The attached brief will provide the members with background information about Carolinian Canada and the proposed collaborative project itself.

Recommendation:

THAT, the Catfish Creek Conservation Authority support Carolinian Canada's Big Picture Tracking Collaborative Project in principle and agree to sign on as a member of the collaborative.



Kim Smale
General Manager / Secretary – Treasurer

Tracking the Big Picture to Leverage Natural Networks

A focused and comprehensive approach to natural infrastructure is urgently required for ecosystem, climate and community health. In Ontario's far south, Carolinian Canada partners are poised to reverse the trend of habitat loss but we lack a critical tool. A multi-stakeholder monitoring framework is needed to adaptively manage and connect diverse leaders around priority objectives.

The Big Picture

The Carolinian Life Zone is the most biodiverse and threatened ecoregion in Canada and Ontario. With over 150 species at risk, some of the best agricultural resources, and lowest levels of protected land (<3%), the challenge is large. However, Carolinian Canada's Big Picture strategy is widely recognized and adopted as a leading edge tool for collective conservation on a multi-use working landscape. Major conservation groups in the region point to the Big Picture as a critical climate change strategy.

Ecosystem Recovery

Our recently completed network of Conservation Action Plans (CAPs) (Jalava) coordinate expertise and efforts of **150 partner groups, First Nations and municipalities** for priority objectives that together address **ecosystem recovery** across 80% of this ecoregion, centered on **15 biodiversity hotspots**. (Kraus). This program is the largest, most comprehensive active ecosystem recovery plan in Canada and Ontario in terms of biodiversity and people.

Challenge

Our Big Picture vision and CAPs have generated thousands of new conservation actions on the landscape. However, our Big Picture Discussion paper (Jalava) shows that this ecoregion needs to double the existing natural infrastructure to meet recommended targets for healthy landscapes. Current models predict that within 50 years, there will be significant biodiversity shifts. Yet few programs target minimal landscape health or function to mitigate or adapt to such shifts.

Gaps

Current conservation work is taking us in the right direction but it needs to be accelerated to match the urgency. Specific gaps and barriers exist in our collective critical path towards healthy landscapes:

- a. Regular collective strategy updates - Our action plans (CAPs) are developed on a system that provides for efficient on-going updating but an adequately-resourced coordinating hub is required. Rapid shifts in knowledge, research, technology and communication require continual attention.
- b. Large-scale ecoregional monitoring - Over 100 different monitoring programs occur in the region but there is no program that pulls together a clear, comprehensive overview. The monitoring and reporting around biodiversity targets and environmental policies is too often patchwork and incomplete, and does not adequately address landscape-scale trends or local realities.
- c. Strong support for community leaders and decision-makers – accessible tools are needed in all jurisdictions to make a compelling case for nature, link to priority objectives for their communities and help shift cultural norms.
- d. Engaging tools for landowners to measure their contributions to landscape health - Informed, strategic landowner stewardship is critical on this working landscape, which is 98% privately-owned. Two-way information sharing is effective, efficient and feasible on a large scale.

Next Steps

Carolinian Canada's ecosystem recovery network of 150 partners is now ideally positioned to reverse the trend of habitat loss in the ecoregion by building on the success of the Big Picture strategy.

However, the timeline is shifting. The Big Picture was initiated with an understanding that change could come slowly over generations. Given new climate models and environmental health crises, this work needs to be accelerated significantly.

The next critical step towards healthy landscapes requires a **strong coordinating hub** to:

- a. Update the **Big Picture strategy** to identify shared targets for natural infrastructure, habitat, ecosystems and biodiversity in the face of **climate change** and growing community links to health and economy.
- b. Develop a **multi-stakeholder monitoring** system using new technology (e.g. live data) to track progress and adaptively manage Big Picture and local strategies.
- c. Use this platform to meaningfully engage **diverse sector leaders and more public and private partnerships** around growing and showcasing natural infrastructure for health and economy.
- d. Develop a **recognition system** to incentivize and assist more target sectors to grow and monitor habitat.
- e. Provide data for Ontario's **State of Biodiversity** reporting and other larger scale monitoring programs.
- f. **Assist other regions** of Ontario interested in developing a similar model.

Leveraging networks

We don't work alone. We have a well-recognized, neutral networking framework and a large community of partners working together with significant actions underway. Continuing this large scale effort will guide thousands more targeted actions to finally reverse the trend of habitat loss in this highly threatened region.

The current bottleneck in the critical path towards a healthy ecoregion is the need for continual evaluation and adaptive management of Big Picture targets and CAP objectives for over 5,000 allies. We now have access to leading edge tools to collect and provide key data so partner efforts can be adapted annually to achieve Big Picture goals.

Addressing this barrier will allow our network to move forward with multiple related steps:

- We will be able to maintain strong, outcome-based relationships with all partners and strategically engage diverse sectors with a focus on Big Picture targets.
- We will engage in on-going communications, monitoring, reporting, local updating and facilitating to assist partners to respond to rapidly shifting progress, challenges and opportunities on the landscape.
- We will celebrate and bring public attention to the progress towards healthy landscapes across the Zone.
- A large scale multi-stakeholder monitoring program will provide crucial data to inform existing conservation programs and shape new ones to achieve Big Picture goals.

Together our network can collectively deliver and monitor a locally customized, effective approach to clean air, water, soil and healthy ecosystems in the face of climate change at a feasible scale.

With your support and working on an ecoregional basis with our community of partners can start to increase habitat in this region after centuries of loss. In doing so, we would be in a much stronger position to close the gap to healthy landscapes.

Scoping Workshop

In 2017, we are proposing to hold a workshop in partnership with a collective of interested groups to explore the need for a multi-stakeholder monitoring system of natural infrastructure, habitat, ecosystem and biodiversity targets in Carolinian Canada.

Proposed workshop objectives:

- Bring together relevant local, regional and provincial stakeholders (representing municipal, First Nations, landowners, agricultural, conservation, economic, health and recreation sectors)
- Explore the opportunities for a provincial approach to natural infrastructure
- Develop a common understanding on the current state of environmental and biodiversity monitoring
- Brainstorm and identify areas and opportunities for improvement in monitoring
- Identify a path forward towards establishing a multi-stakeholder monitoring program

Invitation

We invite partner groups to help launch this initiative by signing on with support in principle, in order to leverage more partners and resources. As a launching partner you are invited to

- Participate in the scoping workshop
- Participate on the Science Advisory Committee (SAC) that will help steer the project
- Link to data as the program unfolds

We appreciate your consideration and look forward to discussing this concept with you.

Michelle Kanter, Executive Director 519-280-5268 mkanter@carolinian.org

Jarmo Jalava, Director of Ecosystem Recovery 519-271-7627 jjalava@carolinian.org

Don Pearson, Chair 519-354-7310 don.pearson@ltvca.ca

Background- About Carolinian Canada

The **Carolinian Life Zone** is home to an incredible array of wildlife and rare species, unique habitats and globally significant natural spaces.

The **Carolinian Canada Coalition** mission is to advance a conservation agenda for the Carolinian Life Zone.

Since we started our work in 1984, the loss of **habitat** has slowed and is now approaching 0 in some portions of the ecoregion, but losses continue in others. It is impossible to know what state the ecoregion would be in now, if our network did not work together for over 30 years.

Readiness

- We have the plans, partners and priority objectives in place for coordinating the Big Picture and developing a large-scale monitoring program that links on-ground work to provincial and global goals.
- We are part of the international network of conservation action planning known as "Open Standards" that can provide training, resources and technology to monitor and update CAPs efficiently.
- We are the longest running ecoregional program in Ontario with 30 years of networking experience and are widely recognized as a neutral gathering place for diverse land management sectors to work on a joint agenda for healthy landscapes.
- Our CAPs are linked with major conservation efforts in the zone by hundreds of local to international groups.
- Our Go Wild Grow Wild program is reaching out to new sectors and recruiting new allies. We need a robust zone-wide framework to meaningfully engage them - linking existing partners and programs across jurisdictions, habitats and properties.
- We are developing collaborative ecosystem recovery programs for rural, urban, trail and corporate landowners, First Nations, municipalities and youth groups to translate CAP objectives to on-ground action.
- We are a member of the Ontario Biodiversity Council and are committed to working with them for biodiversity in the Carolinian Life Zone and beyond.

Collective goal setting works

Carolinian Canada Coalition has used a collaborative approach for over 30 years.

- 1985: our network set a collective goal of protecting 38 critical natural areas. We supported partners to protect over 15,000 hectares, and 300 landowners signed natural heritage stewardship agreements.
- 2001: our network set a collective goal of a connected network of over 110 natural areas. Our Big Picture strategy has since been adopted in every part of the zone by diverse stakeholders and incorporated into some municipal plans.
- 2010-2015: our network collectively identified 130 priority ecosystem recovery objectives, and 150 groups and municipalities officially committed to implementation. 80% of these objectives were in progress in 2014. Securing funding to continue monitoring and coordinate implementation has, however, been an ongoing challenge.
- 2016: We cannot manage what we do not measure. Our network is calling for a progress report to inform existing programs and an updated strategy.

Background – About this Project

Proposed Stakeholders

Steering:

- CCC Board & Science Advisory Committee (SAC) – 40 experts / leading conservation groups - engaged
- Ontario Biodiversity Council – presentation scheduled

Habitat and Data:

- NHIC Data center – data sharing agreement in place
- 150 CAP Partners – active in strategies, monitoring, implementation
- Conservation Authorities, Municipalities and First Nations – Active partnerships, engage more
- Citizen science programs – build formal partnerships

Landowner Action, Recognition and data sharing:

- Landowner Leaders program – rural outreach, engage more landowners and landowner groups
- Wildlife Habitat Council – corporate outreach, engage more corporate landowners
- World Wildlife Fund Canada - urban outreach, engage more gardeners
- York University – app development
- Grow Wild Bootcamps – youth outreach, to engage more schools in citizen science
- Go Wild Grow Wild exhibitors and attendees –to engage more adventurers / gardeners / health sector

Proposed Activities

1. Update the **Big Picture strategy** to incorporate natural infrastructure targets for **climate change**.
 - a. Formalize university and cross-sector partnerships including health, economy, agriculture
 - b. Coordinate working group
 - c. Network consultation – surveys, workshops, webinars
2. Develop a **multi-stakeholder monitoring** system using new technology and key metrics to track progress of Big Picture ecosystem targets for the region.
 - a. Identify key metrics and model with SAC and network consultation – partially complete
 - b. Research related monitoring programs and global examples
 - c. Monitor CAPs - Acquire Open Standards software; Training; 2-way data sharing with CAP partners
 - d. Analyze satellite imaging data build GIS capacity for on-going reporting
 - e. Compile and synthesize results of watershed and municipal monitoring
 - f. Establish partnerships with citizen science programs and other monitoring programs
 - g. Analyze and report: identify gains, losses, gaps - Profile successful models
3. Develop a **reporting system** to engage community leaders in Big Picture ecosystem targets
 - a. Explore feasibility and consult on best methods of reporting
 - b. Develop reporting tools (e.g., on-line Big Picture Report Card, app, Mayors updates)
4. Develop a **recognition system** for green people to incentivize and assist more allies and target sectors to sustainably participate together to grow natural networks.
 - a. Support peer outreach programs to engage leaders in target audiences including: rural and corporate landowners in biodiversity hotspots / gardeners, youth and health sectors / First Nations, municipalities across the zone / others as identified through consultation
 - b. Explore feasibility for zone-wide recognition system to increase uptake
5. **Assist other regions** of Ontario interested in developing a similar model. - webinars, workshops, roadshow – share models, best practices, lessons learned, link to province-wide reporting

Correspondence: To The Full Authority

FROM: Kim Smale, General Manager / Secretary - Treasurer

SUBJECT: Correspondence Register, September 1 - 30, 2016

DATE: September 30, 2016

GOVERNMENT AGENCIES

Environment and Climate Change Canada, Toronto

- e-mail "CA Engagement Session on the Development of Canada – Ontario's Plan to Reduce Phosphorous Loads to Lake Erie"

Fisheries and Oceans Canada, Burlington

- notice that the 10% holdback for Agreement Number 14-HCAA-01713 is ready to be processed.

Ministry of Agriculture, Food and Rural Affairs, London

- e-mail "2016 Elgin County Rural Guide"

Ministry of Agriculture, Food and Rural Affairs, Guelph

- e-mail "Upcoming Training on the SCF Claims Portal"
- e-mail "SCF-0356 Progress Report: Due September 30th"

Ministry of Natural Resources and Forestry, Peterborough

- notice that our application under the Conservation Land Tax Incentive Program for the recently acquired 45.5 acres of land at the Yarmouth Natural Heritage Area has been declined.
- e-mail "2017/2018 Species at Risk Stewardship Fund-Call for Proposals"

Ministry of Tourism, Culture and Sport, Toronto

- e-mail "Celebrate Ontario 2017 is Open for Applicants"

Statistics Canada, Ottawa

- a request for a copy of our 2015 Financial Statements.

CONSERVATION AUTHORITIES

Cataraqui Region C.A.

- News Release "General Manager / Secretary-Treasurer Steve Knechtel is Retiring After 34 Years of Services"

Conservation Ontario

- e-mail "SWP Communications Call- September 14, 2016"
- e-mail "CO Budget and Audit Committee Membership"
- e-mail "Flood Event Damage Request"
- e-mail "2017 Budget and Levy Preparation – CA Revenue Figures"
- e-mail "General Managers' Meeting – October 17, 2016"
- e-mail "Council Meeting Agenda Posted"
- e-mail "Thank You Letter for Minister McGarry"

Grand River C.A.

- notice of a Lake Erie Region Source Protection Committee meeting scheduled for October 6th, 2016, at the Grand River C.A.

Lower Thames Valley C.A.

- a copy of a Resolution passed by their Board of Directors seeking clarification with the four CAs having jurisdiction within Elgin County, regarding the status of the Elgin Shoreline Management Plan as it relates to their regulations and their operational policies and guidelines.

St. Clair Region C.A.

- e-mail "Canada – Ontario Action Plan for Lake Erie"

MUNICIPALITIES

Township of Malahide

- an inquiry about whether or not there are any dredging activities planned for Catfish Creek in Port Bruce this fall.
- a Notice of Meeting to consider the Engineer's Report for the Stover Drain (Springfield) – Branch 'D'.
- a Notice of Sitting of Court of Revision regarding the Walcarius Drain Extension and Reymer Drain.

GENERAL CORRESPONDENCE

Annual Reports

- Environmental Commissioner of Ontario

Ducks Unlimited Canada, Barrie

- a copy of the signed Memorandum of Agreement to provide funding to the CCCA to assist landowners undertaking wetland restoration projects within the watershed.

Information and Privacy Commissioner of Ontario, Toronto

- notice that pursuant to Section 39 of the Municipal Freedom of Information and Protection of Privacy Act, Mr. Kyle Cronk has filed an appeal from a decision made by the CCCA.

Magazines

- Parks and Rec Business, Ontario Heritage Trust

Newsletters

- Conservation Ontario

TD Friends of the Environment Foundation, London

- e-mail "Important Changes to Funding Deadlines"

Trout Unlimited Canada, Ottawa

- information about their new Water Education Program.



Kim Smale
General Manager / Secretary - Treasurer

September 28, 2016

Honourable Kathryn McGarry
Minister of Natural Resources and Forestry
Suite 6630, 6th Floor, Whitney Block
99 Wellesley St. W., Toronto, Ontario, M7A 1W3

Dear Minister McGarry:

On behalf of Conservation Ontario I would like to sincerely thank you for taking the time out of your busy schedule to meet our Conservation Authority members and bring remarks and good news regarding the Conservation Authorities Act Review. I would also like to extend gratitude to Ministry of Natural Resources and Forestry staff who presented preliminary feedback from the EBR submissions within such a short window following the EBR closing date. Your presence and participation was well-received by our members.

We were most delighted to hear about your decision to create a multi-stakeholder Service Delivery table. As you may know, Conservation Ontario's submission requested the creation of such a table to address streamlining and other issues related to service standards. We consider this to be an important work plan activity that may result in updates to MNRF's 2010 *Policies and Procedures for CA Plan Review and Permitting Activities*. Our members are respectfully asking that a publicly announced Terms of Reference be created for this table and that 3-5 key priorities be identified with deadlines for resolution and/or implementation. Additionally, Conservation Ontario would be pleased to provide feedback on a list of proposed key priorities and to work with you to identify CO/CA representatives for this table.

Once again, we would like to thank you for your enthusiasm in support of the Conservation Authorities' role in integrated watershed management and we look forward to working with you and supporting you in promoting the positive partnership that exists with CAs, MNRF and the Province at large.

Sincerely,



Dick Hibma, Chair

c.c. Steve Shapka, MNRF
Mark Tyler, MNRF
Jason Travers, MNRF
Jennifer Keyes, MNRF
Kim Gavine, CO
All CAOs, CAs

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