



BOARD OF DIRECTORS MEETING

Meeting #: 537
Date: May 10, 2019, 9:15 a.m.
Location: CVC Administration Office
1255 Old Derry Road, Mississauga, ON

MEMBERS:	K. (Karen) Ras	(Chair)
	T. (Tom) Adams	(Vice Chair)
	J. (John) Brennan	
	J. (Johanna) Downey	
	A. (Ann) Lawlor	
	M. (Matt) Mahoney	
	T. (Tom) Nevills	
	G. (Grant) Peters	
	J. (Josh) Campbell	Associate Director, Planning & Development Services
REGRETS:	S. (Stephen) Dasko	
	M. (Martin) Medeiros	
	M. (Michael) Palleschi	
	R. (Ron) Starr	
STAFF PRESENT:	D. (Deborah) Martin-Downs	CAO
	G. (Gary) Murphy	Director, Planning & Development Services
	T. (Tim) Mereu	Director, Watershed Management
	J. (Jeff) Payne	Director, Corporate Services
	T. (Tamara) Chipperfield	Corporate Secretariat
	C. (Claudia) Kasperowicz	Administrator, CAO's Office
	J. (John) Sinnige	Associate Director, Watershed Management
	T. (Terri) LeRoux	Sr. Manager, PARCS & Executive Director, CVCF
	B. (Bill) Lidster	Manager, Conservation Parks
	A. (Andrew) Kett	Sr. Manager, Education & Outreach
	M. (Maureen) Pogue	Sr. Manager, Marketing & Communications
	N. (Natalie) Faught	Sr. Coordinator, Credit Valley Trail
	K. (Kata) Bavrlic	Sr. Specialist, Watershed Monitoring
	K. (Katie) MacDonnell	Coordinator, Climate Change Science
	A. (Alex) Fitzgerald	Technician, Water Resources

OTHERS PRESENT: Rosemary Keenan (Sierra Peel), Jessica Hopkins (Region of Peel), Kathie Brown (Region of Peel), Heather Doncaster (Region of Peel)

1. **APPROVAL OF AGENDA**

47/19

Moved By John Brennan
Seconded By Johanna Downey

RESOLVED THAT the agenda be approved as distributed.

CARRIED

2. **DECLARATION OF CONFLICT OF INTEREST**

John Brennan declared a conflict with item #6.3 2019 CVC Provincial Offences Officer Roster as one of CVC's Provincial Offences Officers is a relative.

3. **MINUTES OF PREVIOUS MEETING**

48/19

Moved By Johanna Downey
Seconded By Ann Lawlor

RESOLVED THAT the minutes of the 536th meeting of the Credit Valley Conservation Authority held April 12, 2019 be approved.

CARRIED

4. **PRESENTATIONS / DELEGATIONS**

4.1 **DELEGATION: SMOKE-FREE PARTNERSHIPS WITH CONSERVATION AREAS**

Jessica Hopkins, Medical Officer of Health for the Region of Peel gave a presentation to Members on the above mentioned subject.

49/19

Moved By Johanna Downey
Seconded By John Brennan

THAT the delegation entitled "Smoke-Free Partnerships with Conservation Areas" presented by Jessica Hopkins, Medical Officer of Health for the Region of Peel be received.

CARRIED

4.2 PRESENTATION: FLOODING AND CVC'S ROLE

John Sinnige, Associate Director, Watershed Management gave a presentation to members on the above mentioned subject.

50/19

Moved By Ann Lawlor

Seconded By Johanna Downey

***THAT** the presentation entitled "Flooding and CVC's Role" given by John Sinnige, Associate Director, Watershed Management be received.*

CARRIED

5. BUSINESS ARISING FROM MINUTES

6. NEW BUSINESS STAFF REPORTS

6.1 DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO SHORELINES & WATERCOURSE APPLICATIONS

51/19

Moved By John Brennan

Seconded By Matt Mahoney

***RESOLVED THAT** the Development, Interference with Wetlands, and Alterations to Shorelines & Watercourses applications, pursuant to Ontario Regulation 160/06, as approved by staff, be received and appended to the minutes of this meeting as Schedule 'A'; and further*

***THAT** the staff approvals for each application be endorsed.*

CARRIED

6.2 CVC SMOKING POLICY UPDATES- PROGRESS REPORT

Attached as Schedule 'B' is a report on the above mentioned subject as submitted by Bill Lidster, Manager, Conservation Parks; Terri LeRoux, Sr. Manager, PARCS and Executive Director, CVCF; and Jeff Payne, Deputy CAO and Director, Corporate Services.

52/19

Moved By Grant Peters

Seconded By Tom Adams

WHEREAS CVC public use lands and facilities are located across multiple municipal jurisdictions, public health jurisdictions, are subject to management agreements, and include lease and partnership agreements with various stakeholders;

WHEREAS CVC's smoking policy should be all-encompassing and consider the complexities of all applicable laws, by-laws, agreements, users and stakeholders;

THEREFORE BE IT RESOLVED THAT the report entitled "CVC Smoking Policy Updates – Progress Report" be approved and appended to the minutes of this meeting as Schedule 'B'; and further

THAT CVC staff report back in spring/summer of 2020 with an updated smoking policy.

CARRIED

6.3 2019 CVC PROVINCIAL OFFENCES OFFICER ROSTER

Attached as Schedule 'C' is a report on the above mentioned subject as submitted by Bill Lidster, Manager, Conservation Parks; Terri LeRoux, Sr. Manager, PARCS and Executive Director, CVCF; and Jeff Payne, Deputy CAO and Director, Corporate Services; and Gary Murphy, Director, Planning and Development Services.

53/19

Moved By Johanna Downey
Seconded By Tom Nevills

RESOLVED THAT the report entitled "2019 CVC Provincial Offences Officer Roster" be received and appended to the minutes of this meeting as Schedule 'C'; and

THAT the CVC Board of Directors approves that Eric James, Jakub Kilis, Liam Marray and Tyler Slaght be (re)affirmed as designated Provincial Offences Officers permitted to enforce Section 28 under the Conservation Authorities Act and the Provincial Offences Act;

THAT Charlie Brady, Brian Kristy, Bill Lidster, Eric Mailloux, Evan Orme, David Orr, David Riseborough and Yasmine Slater be (re)affirmed as designated Provincial Offences Officers permitted to enforce Section 29 under the Conservation Authorities Act, Provincial Offences Act and the Trespass to Property Act and other Acts as may apply; and

THAT Adam Slessor and David Porter be designated as Provincial Offences Officers and be permitted to enforce Section 29 offences under the Conservation

Authorities Act, the Provincial Offences Act and the Trespass to Property Act and other Acts as may apply; and further

***THAT** Ken Thajer is removed as a designated CVC Provincial Offences Officer as he is no longer an employee of CVC.*

CARRIED

6.4 CVC CLIMATE CHANGE STRATEGY

Attached as Schedule 'D' is a report on the above mentioned subject as submitted by Katie MacDonnell, Coordinator, Climate Change Science; Christine Zimmer, Sr. Manager, Water and Climate Change Science; and Gayle Soo Chan, Director, Watershed Knowledge.

54/19

Moved By Johanna Downey

Seconded By Grant Peters

***WHEREAS** the United Nations Intergovernmental Panel on Climate Change has released the Special Report Global Warming of 1.5°C calling for urgent action in accelerating actions needed to limit global warming to 1.5°C to prevent long-lasting irreversible changes;*

***WHEREAS** CVC's integrated watershed monitoring program has found that:*

- *Average annual air temperatures increased by 1.8°C between 1937 and 2016 (faster than the global average of 1.0°C (IPCC2)) with winter and spring seasons warming the fastest,*
- *The amount of winter precipitation in the form of rain increased by 12% between 1937 and 2016,*
- *The number of extreme heat days (days over 30°C) have more than doubled in four of the last eight years compare to the 30 year normal of 12 days per year; and*

***WHEREAS** the CVC Strategic Plan 2015-2019 called for continuing to work with our partners to implement the Peel Climate Change Strategy, building climate change mitigation and adaptation into management decisions and activities (Goal One, Direction 7); and to ensure that our business is well managed, sustainable and service driven (Goal 7) anticipating the impacts of climate change through routine evaluations, regularly measuring performance and reporting outcomes (Goal Seven, Direction 13 of the CVC Strategic Plan 2015-2019);*

***THEREFORE BE IT RESOLVED THAT** the report entitled "CVC Climate Change Strategy" be approved and appended to the minutes of this meeting as Schedule 'D'; and*

***THAT** the Board of Directors approves the organization’s adoption of the CVC Climate Change Strategy; and*

***THAT** staff be directed to finalize the draft of the strategy for distribution; and further*

***THAT** the staff pursue the deliverables identified in the strategy and provide periodic updates to the Board on progress.*

CARRIED

6.5 CREDIT VALLEY TRAIL LEADERSHIP COUNCIL

Attached as Schedule 'E' is a report on the above mentioned subject as submitted by Natalie Faught, Sr. Coordinator, Credit Valley Trail; Terri LeRoux, Sr. Manager, PARCS and Executive Director, CVC Foundation; and Jeff Payne, Deputy CAO and Director, Corporate Services.

55/19

Moved By Tom Nevills

Seconded By John Brennan

***RESOLVED THAT** the report entitled “Credit Valley Trail Leadership Council” be received and appended to the minutes of this meeting as Schedule ‘E’; and further*

***THAT** the following elected municipal representatives and CVC Board Members be appointed to the CVT Leadership Council for a four-year term of May 10, 2019 to May 30, 2023:*

- *Johanna Downey, Town of Caledon*
- *Ann Lawlor, Town of Halton Hills*
- *Michael Palleschi, City of Brampton*
- *Grant Peters, Town of Orangeville*
- *Karen Ras, City of Mississauga*

CARRIED

6.6 PROPOSED AMENDMENTS TO THE CONSERVATION AUTHORITIES ACT AND REGULATIONS

Attached as Schedule 'F' is a report on the above mentioned subject as submitted by Deborah Martin-Downs, CAO.

56/19

Moved By Tom Adams

Seconded By Johanna Downey

WHEREAS the Ministry of Environment Conservation and Parks has posted proposals for changes to the Conservation Authorities Act to the Environmental Registry of Ontario for comment until May 20th, 2019;

WHEREAS the Ministry of Natural Resources and Forestry has posted proposals for changes to the Regulations for development permits under Conservation Authorities Act to the Environmental Registry of Ontario for comment until May 21st, 2019

THEREFORE, BE IT RESOLVED THAT the report entitled "Proposed Amendments to the Conservation Authorities Act and Regulations" be received and appended to the minutes of this meeting as Schedule 'F'; and

THAT the Board of Directors endorse the staff comments with amendments on both of the proposals as found in Schedule F, Appendices 1 and 2 for submission to the ERO on or before the May 20th deadline; and further

THAT the comments be forwarded to our member municipalities, the Minister of Environment Conservation and Parks, Minister of Natural Resources and Forestry, and MPPs in the watershed.

CARRIED

6.7 BILL 108 AND CA ACT AMENDMENTS

Attached as Schedule 'G' is a report on the above mentioned subject as submitted by Deborah Martin-Downs, CAO.

57/19

Moved By Tom Nevills

Seconded By Tom Adams

WHEREAS the province has released Bill 108 the More Homes More Choice Act, 2019 that is open for comment on the Environmental Registry of Ontario until June 1, 2019;

WHEREAS Schedule 2 of Bill 108 contains proposed amendments to the Conservation Authorities Act, and

WHEREAS the amendments seek to divide programs and services into mandatory and non-mandatory categories which will alter the municipal levy and potentially the opportunity to provide desired support activities to the municipalities

THEREFORE BE IT RESOLVED THAT the report entitled “Bill 108 and CA Act Amendments” be received and appended to the minutes of this meeting as Schedule ‘G’; and

THAT the Board of Directors delegate authority to the CAO, Chair and Vice Chair of the Authority to prepare and submit comments on the Bill 108 Schedule 2 on behalf of the board; and

THAT copies of the submission be provided to conservation authorities, Conservation Ontario, MPPs, Watershed Municipalities and the Minister of Environment Conservation and Parks; and further

THAT all municipalities and watershed residents be encouraged to submit comments on the Conservation Authorities Act amendments in support the need for watershed programs and services in maintaining safe and healthy environments for all.

CARRIED

7. CORRESPONDENCE/INFORMATION ITEMS DISTRIBUTED TO MEMBERS

7.1 CORRESPONDENCE: MNRF 2019-2020 TRANSFER PAYMENT

Letter dated April 12, 2019 from Monique Rolf von den Baumen, Assistant Deputy Minister, MNRF to Deborah Martin-Downs, CAO, CVC regarding notification of the 2019-2020 MNRF transfer payment to CVC.

7.2 CORRESPONDENCE: BILL 108 MORE HOMES, MORE CHOICE ACT, 2019

Email dated May 2, 2019 from Steve Clark, Minister, Municipal Affairs and Housing regarding Bill 108, *More Home, More Choice Act, 2019*.

7.3 PRESENTATION: SMOKE-FREE PARTNERSHIPS WITH CONSERVATION AREAS

Presentation entitled "Smoke-Free Partnerships with Conservation Areas" given by Jessica Hopkins, Medical Officer of Health, Region of Peel.

7.4 PRESENTATION: FLOODING AND CVC'S ROLE

Presentation entitled "Flooding and CVC's Role" presented by John Sinnige, Associate Director, Watershed Management.

58/19

Moved By John Brennan

Seconded By Grant Peters

RESOLVED THAT the information items presented to members of Credit Valley Conservation at the 537th meeting of the Credit Valley Conservation Authority held May 10, 2019 be received.

CARRIED

8. NOTICE OF MOTION

9. QUESTION PERIOD

Rosemary Keenan stated that Sierra Peel and other environmental non-government organizations appreciate the work conservation authorities do and feel they provide important public services for a good value.

10. OTHER BUSINESS

11. RESOLUTION TO MOVE TO 'IN-CAMERA' SESSION

After discussion, the Board decided not to go to 'In-Camera' session.

11.1 RECOMMENDATION FOR REAPPOINTMENT OF EXISTING CVC FOUNDATION MEMBERS

The Board remained in open session and passed the following resolution:

59/19

Moved By Tom Nevills

Seconded By Tom Adams

RESOLVED THAT the Confidential 'In-Camera' report entitled, "Recommendation for Reappointment of Existing CVC Foundation Members" be received; and further

THAT Ed Arundell, David Dyce and Ellen McGregor be approved for re-appointment for a two-year term.

CARRIED

12. MEETING ADJOURNED

On motion the meeting adjourned at 11:30am.

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

A) APPLICATION # 19/061

OWNER:

AGENT:

PROPERTY LOCATION: 13288 Sixth Line
Part Lot 27, Concession 6
Town of Halton Hills

APPLICATION: Development in the Regulated Area for the purpose of reconstructing a 48' x 80' barn and grading the driveway and area around barn/accessory buildings.

WARD: H 2

B) APPLICATION # 18/203 REVISED

OWNER: City of Mississauga

AGENT: Planmac Engineering Inc.

PROPERTY LOCATION: Central Parkway Bridge over Cooksville Creek
Part Lot 14, Concession 1 NDS
City of Mississauga

APPLICATION: Development in a Regulated Area to facilitate remediation of a bridge and Cooksville Creek.

WARD: M 4

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

C) APPLICATION # 18/114

OWNER: Trans-Northern Pipelines Inc.

AGENT: Stantec Consulting Ltd.

PROPERTY LOCATION: Fletcher Valley Crescent
Part Lot 29, Concession 3 SDS
City of Mississauga

APPLICATION: Development in the Regulated Area and floodplain of
Sheridan Creek to facilitate an integrity dig.

WARD: M 2

D) APPLICATION #: 19/069

OWNER:

AGENT:

PROPERTY LOCATION: 1550 Pinetree Crescent
Part Lots 4, 5, 6, 7, 8 Range 2 CIR
City of Mississauga

APPLICATION: Development in the Regulated Area to facilitate the
construction of a patio.

WARD: M 1

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

E) APPLICATION #: 18/303 REVISED
OWNER:
AGENT: Hickory Dickory Decks
LOCATION: 1081 Kos Boulevard
Part Lot 26, Concession 2 SDS
City of Mississauga
APPLICATION: Development in the Regulated Area to facilitate the
construction of a 20' x 16' and a 16' x 14'9" deck.
WARD: M 2

F) APPLICATION #: 19/064
OWNER: Rogers Communication Canada Inc.
AGENT:
LOCATION: Bromsgrove Road and Southdown Road
Part Lot 31, Concession 2 SDS
City of Mississauga
APPLICATION: Development in the Regulated Area for the purpose of
installing a 1-4" HDPE conduit.
WARD: M 2

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

G) APPLICATION #: 19/065
OWNER:
AGENT: Caledon Excavation
LOCATION: 518 Guelph Street
Part Lot 11, Concession 11
Town of Halton Hills
APPLICATION: Development in the Regulated Area to facilitate the installation
of a watermain.
WARD: H 2

H) APPLICATION #: 17/218
OWNER: 650 Atwater Avenue Limited
AGENT: Weston Consulting
LOCATION: 650 Atwater Avenue
Lot 11, Concession 2 SDS
City of Mississauga
APPLICATION: Development in the Regulated Area for the purpose of grading
and construction of residential buildings.
WARD: M 1

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

I) APPLICATION #: 18/315
OWNER: Trans-Northern Pipelines Inc.
AGENT: Stantec Consulting Ltd.
LOCATION: 1101 Indian Road
Part Lot 12, Concession 2 SDS
City of Mississauga
APPLICATION: Alteration to a watercourse and development in the Regulated Area and floodplain of Lornewood Creek to facilitate and integrity dig.
WARD: M 2

J) APPLICATION #: 19/072
OWNER:
AGENT:
LOCATION: 551 Guelph Street
Part Lot 11, Concession 11
Town of Halton Hills
APPLICATION: Development in the Regulated Area for the purpose of constructing a 18' x 24' detached garage.
WARD: H 2

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

K) APPLICATION #: 19/070

OWNER:

AGENT: Lee Associates Architects Corp.

LOCATION: 357 Guelph Street
Part Lot 14, Concession 10
Town of Halton Hills

APPLICATION: Development in the Regulated Area for the purpose of
constructing an addition to an existing building.

WARD: H 4

L) APPLICATION #: 18/367 REVISED

OWNER: City of Mississauga

AGENT: Valdor Engineering Inc.

LOCATION: 305 Mississauga Valley Blvd (Cooksville d/s of Central Pkwy E)
Part Lot 14, Concession 1 NDS
City of Mississauga

APPLICATION: Development in a Regulated Area and alteration to a
watercourse to facilitate repair works to the channel of Cooksville
Creek.

WARD: M 4

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

M) APPLICATION #: 18/360
OWNER:
AGENT: Barry Goldman Architect
LOCATION: 1670 Caverly Court
Part Lot 4, Range 3 NDS
City of Mississauga
APPLICATION: Development in the Regulated Area for the purpose of
constructing a proposed second storey addition.
WARD: M 8

N) APPLICATION #: 19/060
OWNER: Region of Peel
AGENT: Jacobs Engineering Group Inc.
LOCATION: West Trunk Sewer Compound – Creditview and Argenticia
Part Lots 8 & 9, Concessions 3 & 5 WHS
City of Mississauga
APPLICATION: Development in a Regulated Area to facilitate completion of
sewage works.
WARD: M 11

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

O) APPLICATION #: 19/080
OWNER: Woodcastle Holdings Inc.
AGENT:
LOCATION: 1568 Douglas Drive
Part Lot 5, Range 2 CIR
City of Mississauga
APPLICATION: Development in the Regulated Area for the purpose of constructing a one-storey rear addition (Muskoka room), second-storey addition to the existing garage, and new two-storey front foyer addition.
WARD: M 1

P) APPLICATION #: 19/075
OWNER:
AGENT: New Wave Pool & Spa
LOCATION: 23 Church Street
Part Lot 25, Concession 8
Town of Erin
APPLICATION: Development in the Regulated Area for the purpose of constructing a proposed inground pool, surrounding patio and pool equipment.
WARD: N/A

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

Q) APPLICATION #: 18/216 REVISED

OWNER:

AGENT:

LOCATION: 42 Brookhaven Crescent
Part Lot 1, Concession B
Township of East Garafraxa

APPLICATION: Development in the regulated area to facilitate the construction of an 88' x 45' deck, 43' x 20' pool and 28' x 18'6" pool storage.

WARD: N/A

R) APPLICATION #: 19/074

OWNER: Enbridge Gas Distribution Inc.

AGENT:

LOCATION: 27 Credit Road
Part Lot 31, Concession 3 WHS
Town of Caledon

APPLICATION: Development in the floodplain of the Credit River for the purpose of installing a gas main.

WARD: C 2

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)

S) APPLICATION #: 18/231
OWNER:
AGENT:
LOCATION: 2146 Olde Baseline Road
Part Lot 1, Concession 2 WHS
Town of Caledon
APPLICATION: Development in the Regulated Area to facilitate the
construction of a 2nd storey addition.
WARD: C 1

T) APPLICATION #: 18/014
OWNER: City of Mississauga
AGENT: GEO Morphix
LOCATION: Mary Fix Creek at Dundas Street West
Lot 18, Concession 1 SDS
City of Mississauga
APPLICATION: Development in the Regulated Area and alteration to a
watercourse to facilitate erosion control works along Mary Fix
Creek.
WARD: M 7

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

U) APPLICATION #: 18/333
OWNER: Imperial Oil Limited
AGENT: Wood Environment & Infrastructure Solutions
LOCATION: South of Tillingham Gardens, North of Highway 403
Part Lot 5, Range 4 NDS
City of Mississauga
APPLICATION: Development in the Regulated Area for the purpose of
conducting a pipeline integrity dig.
WARD: M 6

V) APPLICATION #: 18/293
OWNER: Region of Peel
AGENT: CIMA+
LOCATION: GE Booth WWTP – 1300 Lakeshore Road East
Part Lots 6 & 7, Concession 3 SDS
City of Mississauga
APPLICATION: Development in a Regulated Area and floodplain to facilitate
construction of access roads and sewage infrastructure.
WARD: M 1

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)

W) APPLICATION #: 19/082

OWNER:

AGENT:

LOCATION: 18 Heather Avenue
Part Lot 17, Concession 9
Town of Erin

APPLICATION: Development in the Regulated Area for the purpose of
constructing a 3.66m x 7.32m addition and two covered decks.

WARD: N/A

X) APPLICATION #: 19/028

OWNER: City of Mississauga

AGENT:

LOCATION: 1376 Glenwood Drive – Kenollie Creek Drainage
Improvements
Part Lot 3, Range 2 CIR
City of Mississauga

APPLICATION: Development in a Regulated Area to facilitate completion of
drainage improvements.

WARD: M 1

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

Y) APPLICATION #: 19/085
OWNER: Pee District School Board
AGENT: Credit Valley Conservation
LOCATION: 35 Sunset Boulevard
Part Lot 7, Concession 1 WHS
City of Brampton
APPLICATION: Development in the floodplain and regulated area associated with Fletcher's Creek to facilitate the construction of a LID facility.
WARD: B 1

Z) APPLICATION #: 19/081
OWNER:
AGENT: Planning Solutions
LOCATION: 844 Meadow Wood Road
Part Lot 28, Concession 3 SDS
City of Mississauga
APPLICATION: Development in the Regulated Area to facilitate the construction of a shed.
WARD: M 2

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

AA) APPLICATION #: 19/027
OWNER: Cogeco Connexion
AGENT:
LOCATION: 400 Maple Avenue
Part Lot 18, Concession 8
Town of Halton Hills
APPLICATION: Development in the Regulated Area for the purpose of
installing two 38mm HDPE conduits with 12 count flat fiber
drop cable.
WARD: H 3

BB) APPLICATION #: 19/087
OWNER:
AGENT: New Wave Pool and Spa
LOCATION: 40 Blue Heron Drive
Part of Lot 3, Concession 1 EHS
Town of Mono
APPLICATION: Development in the Regulated Area to facilitate the construction
of a 18ft x 38ft inground pool, surrounding patio and pool
equipment
WARD: N/A

**DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)**

CC) APPLICATION #: 19/012 REVISED

OWNER:

AGENT:

LOCATION: 9446 Winston Churchill Boulevard
Part Lot 8, Concession 11
Town of Halton Hills

APPLICATION: Development in the Regulated Area for the purpose of
constructing a 18.29m x 42.67m hay storage structure.

WARD: H 2

DD) APPLICATION #: 19/090

OWNER:

AGENT:

LOCATION: 2050 Dickson Road
Part of Lot 4, Range 3 CIR
City of Mississauga

APPLICATION: Development in the Regulated Area for the purpose of
constructing an inground pool, wooden shed with wood deck, hot
tub Jacuzzi, and concrete and interlocking patios.

WARD: M 7

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO
SHORELINES & WATERCOURSES APPLICATIONS (STAFF APPROVED, FOR BOARD OF
DIRECTORS' ENDORSEMENT)

EE) APPLICATION #: 16/095

OWNER:

AGENT:

LOCATION: 0 Queen Street West
Part Lot 23, Concession 4 WHS
Town of Caledon

APPLICATION: Development in the Regulated Area to facilitate the construction
of a house with two porches, septic system and driveway.

WARD: C 1

FF) APPLICATION #: 19/094

OWNER:

AGENT: Robt Noble Ltd.

LOCATION: 14192 Fourth Line
Part Lot 31, Concession 4
Town of Halton Hills (Acton)

APPLICATION: Development in the Regulated Area for the purpose of replacing
a septic tank.

WARD: H 1

TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: CVC SMOKING POLICY UPDATES- PROGRESS
REPORT

PURPOSE: Progress update regarding revisions to Credit Valley
Conservation Authorities Smoking Policy beyond compliance
with the *Smoke Free Ontario Act*.

BACKGROUND:

The Credit Valley Conservation Authority (CVC) owns and/or manages 61 properties comprised of almost 2,800 hectares (7,100 acres) of land. Of the 61 properties, CVC concentrates most of its efforts on ten (10) key properties, known as the 'Core 10'. Over the past eight (8) years, visitation at the Core 10 has more than doubled for CVC, from 350,100 visits in 2010 to 741,000 visits in 2018.

As a provider of both indoor and outdoor education, recreation, and cultural activities to the public, the purpose of CVC's Smoking Policy is to protect the public and conform to legislative requirements.

Exploring a Full Smoking Ban on CVC Land (2011)

In October 2009, Halton Region Council, in response to the *Smoke Free Ontario Act*, passed a public health resolution (Halton Region By-Law 24-09) supporting an outdoor smoking ban on all publicly owned property within the region. This resolution included direction to regional staff to seek a better understanding of the feasibility of enforcing such a smoking ban across the various public jurisdictions. A feasibility request went out to lower tier municipalities and conservation authorities.

Following approval from the CVC Board of Directors to explore the implementation of a smoking ban on CVC owned land, CVC staff carefully examined the feasibility. Staff determined that while the aims and intentions of a smoking ban to improve public health and healthy lifestyles are supported by CVC; the request for a smoking ban on CVC owned lands was not feasible. Monitoring and enforcement requirements to facilitate a smoking ban were deemed not possible due to the amount of land, the number of active conservation areas and the number of visitors.

CVC's position was consistent with that of Conservation Halton and local municipalities. CVC staff determined that a more feasible option would be to designate non-smoking zones within high outdoor visitation areas across our conservation areas system and in all

buildings. The CVC Board of Directors approved the staff recommendation on April 8, 2011 (Resolution #57/11).

CVC's Current Policy

CVC's current Smoke Free Workplace Policy ("the policy") mandates compliance with the *Smoke Free Ontario Act* (SFOA), which came into effect in 2006 and was updated in 2017, and the Region of Peel's Outdoor Smoking By-law, which came into effect in 2013.

The SFOA prohibits smoking tobacco or holding lighted tobacco in any enclosed public place or enclosed workplace. In 2015, this was extended to include electronic cigarettes. CVC adheres to these regulations and therefore smoking is prohibited in:

- All CVC workplace facilities
- All CVC owned or leased vehicles
- Any other CVC property deemed to be an enclosed workplace

Further, the smoking of cannabis is prohibited on any CVC owned/managed land unless a medical certificate for its use is produced and carried on the person.

The Region of Peel's Outdoor Smoking By-law makes it against the law for anyone to smoke within nine meters (30 feet) of:

- The perimeter of municipal playground areas (including any outdoor area that is designed for the enjoyment or exercise of children and youth)
- The perimeter of municipal sports/activity areas (including any area that is for sports and activities, as well as spectator seating areas and player warm up areas) and
- Entrances and exits of municipal buildings (including municipal offices, transit facilities, libraries, recreation centres, concessions stands, fire halls, police stations, golf course club houses, and Peel Housing Corporation multi-unit dwellings with common entrances)

While this by-law applies to municipal (Region of Peel) buildings and grounds specifically, CVC adheres to the requirements set out within this by-law, specifically with respect to entrances and exits of its buildings.

ANALYSIS:

CVC staff are reviewing the current Policy to reassess the feasibility of implementing smoke free areas on CVC owned/managed land to ensure:

- A healthy environment that minimizes exposure to tobacco and second-hand smoke;
- Improved health and well-being of staff and visitors;
- Less tobacco use among visitors to conservation areas;
- Cleaner facilities; and

- Reduced fire risk.

Proposed updates to the current policy will consider municipal smoking by-laws, recommendations from applicable health units, boards of education and other conservation authorities. Additional considerations will include locations where smoking is banned, CVC's onsite partners, implications on management agreements, the health and safety of all staff, the delivery of special events, the financial implications and the available enforcement and education resources within CVC.

Over the 2019-2020 operating seasons, CVC will be taking the following steps to inform changes to the existing policy:

- Exploring the feasibility of not permitting smoking at all CVC public use facilities and properties;
- Reviewing the by-laws and policies of CVC's partner municipalities, applicable public health jurisdictions, boards of education and other conservation authorities to ensure that updates to the Policy address our partners regulations and include the same messaging;
- Consulting with on-site partners that have agreements with CVC for land use activities;
- Consulting with stakeholders over the span of a full operating season.

Upon completion of the aforementioned steps, CVC staff plan to bring the updated smoking policy to the Board for approval in spring/summer of 2020.

COMMUNICATIONS PLAN:

There are no Communications implications for this project.

FINANCIAL IMPLICATIONS:

There is no financial impact to CVC for this project.

RECOMMENDED RESOLUTION:

***WHEREAS** CVC public use lands and facilities are located across multiple municipal jurisdictions, public health jurisdictions, are subject to management agreements, and include lease and partnership agreements with various stakeholders;*

***WHEREAS** CVC's smoking policy should be all-encompassing and consider the complexities of all applicable laws, by-laws, agreements, users and stakeholders;*

***THEREFORE BE IT RESOLVED THAT** the report entitled "CVC Smoking Policy Updates – Progress Report" be approved and appended to the minutes of this meeting as Schedule 'B'; and further*

THAT CVC staff report back in spring/summer of 2020 with an updated smoking policy.

Submitted by:



Terri LeRoux, Sr. Manager, PARCS
and Executive Director, CVCF



Bill Lidster
Manager, Conservation Parks



Jeff Payne, Deputy CAO and
Director, Corporate Services

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer

TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: 2019 CVC PROVINCIAL OFFENCES OFFICER ROSTER

PURPOSE: To request approval by the Board of Directors to designate
staff as Provincial Offences Officers

BACKGROUND:

Section 1(3) of the *Provincial Offences Act* establishes all classes of employees of Credit Valley Conservation (CVC) Authority as potential Provincial Offences Officers for the purpose of enforcing the *Conservation Authorities Act, R.S.O. 1990, c. C.27*, as amended, the *Trespass to Property Act, R.S.O. 1990, c. T.21*, as amended, and the *Highway Traffic Act, R.S.O. 1990, c. H.8*, as amended (other acts may apply). The Boards of individual authorities, at their discretion, may designate staff to enforce these acts. To assist the CVC Board in this process, criteria were established to guide them in their recommendations. In 2002, a policy was approved by the Board of Directors concerning the designation of Provincial Offences Officers at CVC. The CVC policy outlines the qualifications for designation and is aligned with the Conservation Ontario requirements.

On February 19, 2010 the Conservation Ontario Council - Committee of the Whole received a report entitled "Regulatory Compliance Committee - Status Report and Protocol for Conservation Authority Designation of Provincial Offences Officers". In this report it identified that:

"Conservation Ontario Council endorsed the formation of a Conservation Ontario Regulatory Compliance Committee (RCC) in October 2008 to provide a forum for developing the tools for and capacity of our front-line staff to ensure the highest standards of professionalism in dealing with the public and our regulatory authority."

Within this same report it noted the Regulatory Compliance Committee (RCC) had made the following recommendations, which were subsequently approved by the Conservation Ontario Council, as follows:

"Essential Requirements for Officer Candidates:

The following criteria shall be satisfied when appointing an employee as an "officer" for enforcing Section 28 and / or Section 29 of the Conservation Authorities Act:

- 1. The officer shall provide proof of a clean criminal background check [and], Vulnerable Sector check (immediately prior to their appointment)*

2. *The officer shall be adequately trained* in the legislation they are to enforce (i.e. Conservation Authorities Act, Provincial Offences Act, Trespass to Property Act).*

**Provincial Regulatory Compliance Foundations Training (or equivalent training) is the most familiar [common] option that has been utilized by Conservation Authorities."*

The earlier reference to other Acts relates to circumstances where CVC designated staff may from time-to-time, or on an ongoing basis, be identified to carry out activities under an authority that is not specifically assigned to conservation authorities. For example, CVC Provincial Offences Officers may be designated by a municipality to issue infraction notices or tickets related to parking violations on behalf of the municipality or with the approval of the municipality. CVC is currently working with the Town of Caledon and the Region of Peel for approvals to issue tickets or notices related to certain specified infractions to support site management in and around the Badlands.

ANALYSIS:

This report identifies CVC staff who currently meet the essential requirements to be designated as Provincial Offences Officers and those CVC staff that are recommended to be (re)affirmed as designated Provincial Offences Officers.

	Section 28	Section 29
Re-Affirmations	Eric James Jakub Killis Liam Marray Tyler Slaght	Charlie Brady Brian Kristy Bill Lidster Eric Mailloux Evan Orme David Orr David Riseborough Yasmine Slater
Additions		David Porter Adam Slessor
Removal	Ken Thajer	

COMMUNICATIONS PLAN:

There are no communications implications resulting from this program.

FINANCIAL IMPLICATIONS:

Costs associated with training Provincial Offences Officers and the operation of CVC's enforcement program are contained in account codes 201-203 (for Planning staff) and account 401-406 and 401-462 (for PARCS staff).

RECOMMENDED RESOLUTION:

RESOLVED THAT the report entitled "2019 CVC Provincial Offences Officer Roster" be received and appended to the minutes of this meeting as Schedule 'C'; and

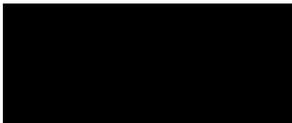
THAT the CVC Board of Directors approves that Eric James, Jakub Kilis, Liam Marray and Tyler Slaght be (re)affirmed as designated Provincial Offences Officers permitted to enforce Section 28 under the Conservation Authorities Act and the Provincial Offences Act;

THAT Charlie Brady, Brian Kristy, Bill Lidster, Eric Mailloux, Evan Orme, David Orr, David Riseborough and Yasmine Slater be (re)affirmed as designated Provincial Offences Officers permitted to enforce Section 29 under the Conservation Authorities Act, Provincial Offences Act and the Trespass to Property Act and other Acts as may apply; and

THAT Adam Slessor and David Porter be designated as Provincial Offences Officers and be permitted to enforce Section 29 offences under the Conservation Authorities Act, the Provincial Offences Act and the Trespass to Property Act and other Acts as may apply; and further

THAT Ken Thajer is removed as a designated CVC Provincial Offences Officer as he is no longer an employee of CVC.

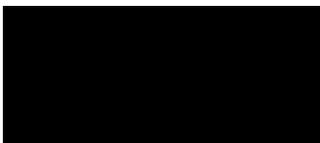
Submitted by:



Bill Lidster
Manager, Conservation Parks



Terri LeRoux
Sr. Manager PARCS & Executive
Director, CVC Foundation



Jeff Payne,
Deputy CAO & Director, Corporate
Services



Gary Murphy
Director, Planning & Development
Services

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer

TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: CVC CLIMATE CHANGE STRATEGY

PURPOSE: To seek approval from the CVC Board of Directors for the CVC
Climate Change Strategy

BACKGROUND:

There is scientific consensus that global temperatures are rising and that climate change will have environmental, economic and social impacts. CVC's integrated watershed monitoring program's analysis of local climate data indicates that:

- Average annual air temperatures increased in the Credit River watershed by 1.8°C between 1937 and 2016 (faster than the global average of 1.0°C) with winter and spring seasons warming the fastest. Local climate projections indicate that by 2050, average annual air temperatures are predicted to increase another 2.2°C.
- The amount of winter precipitation in the form of rain increased by 12 percent between 1937 and 2016. Local climate projections indicate that by 2050, the percentage of winter precipitation as rain is predicted to increase an additional 16 percent.
- The number of extreme heat days (days over 30°C) in the watershed have more than doubled in four of the last eight years compared to the 30-year normal of 12 days per year. Local climate projections indicate that by 2050, the number of extreme heat days in a year, are predicted to more than double from 12 days to 26 days a year.

Climate change trends challenge us to consider existing risks and responsibilities with a new lens, one where the environmental conditions of the past do not dictate what we experience now and into the future. In recognition of the risks that climate change poses to CVC's operations and the health of our communities and watershed, the *CVC Strategic Plan 2015-2019* provides direction to consider climate change in all of our management decisions and activities (Goal 1) and to ensure that our business is well managed, sustainable and service driven (Goal 7) which must include the anticipated impacts of climate change.

A CVC internal review process commenced in 2017 to determine what actions are needed to address climate change and to develop a future-oriented strategy. The Climate Change Strategy team reviewed existing CVC and partner plans and strategies,

CVC's watershed monitoring data, climate trends and future projections in the Region of Peel, national climate change tools and best management practices. The strategy team subsequently engaged staff on connections between climate change and their work and also consulted with staff to assess CVC programs and functions regarding climate change adaptation to chart our path forward for the next five years.

This strategy was developed in alignment with the direction from the *CVC Strategic Plan 2015-2019*, CVC's Corporate Social Responsibility Strategy 2018, the Region of Peel Partner Climate Change Strategy 2011, Peel Community Climate Change Partnership Implementation Priorities 2018-2022 and the Conservation Authorities Climate Change Budget Risk Methodology, a methodology to ensure that programs funded by special levy funding provided by Peel for climate change work meet the criteria for climate change mitigation and or adaptation.

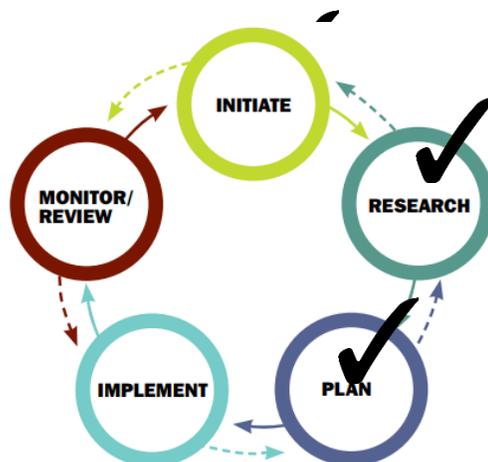
ANALYSIS:

The CVC Climate Change Strategy outlines our commitment to ensuring sustainability and to also reduce corporate risk and liability by ensuring that our work and budgets include the anticipated impacts of climate change demonstrating accountability to our partners, donors and taxpayers. The following excerpts are taken from the strategy which can be found in Schedule 'D', Appendix 1.

The CVC Climate Change Strategy provides a framework and goals to guide priority climate change actions through the services we provide to the community and how we run our operations over the next five years.

Like many of our partners, we developed our Climate Change Strategy using the ICLEI-Local Government for Sustainability's Adaptation Methodology milestone framework. By continuously adapting our processes and programs, we are taking effective and fiscally responsible action on climate change.

To date, we have completed the first three milestones in the in the ICLEI adaptation planning process:



ICLEI- Local Governments for Sustainability's Adaptation Methodology basic milestone

The following is a high-level summary of the overall approach taken and status of where we are in the Climate Change Strategy process.

Stage One - Initiate (Complete)

We formed a Core Strategy Team to lead the development of the strategy and established a process to ensure collaboration across our organization.

Stage Two - Research (Complete)

We analyzed local climate data to understand how our climate has already changed and reviewed local climate projections to understand how our future climate is predicted to change. We sought to understand how these conditions will influence our business and operations.

Stage Three - Plan (Complete)

We identified long term goals and short-term objectives through lessons learned from a decade of climate change action, extensive staff engagement and alignment with our corporate and partner strategies.

The following goals are long-term outcomes to build climate resiliency through the services we provide to the community and in how we run our operations:

- Goal 1** Lead Science to Guide Management
- Goal 2** Protect Life and Livelihoods
- Goal 3** Grow Thriving Communities
- Goal 4** Increase Awareness by Changing Behaviour
- Goal 5** Walk the Talk
- Goal 6** Build Corporate Capacity to Adapt

Our goals are linked to five-year objectives that together provide direction to ensure we effectively address climate change in our watershed and make the most efficient use of our resources. The objectives have been categorized based on the Conservation Authorities Budget Climate Change Risk Methodology that was approved by the Region of Peel in 2016. Per the framework process, our objectives are categorized into three different areas of action: Act, Invest, and Sustain.



ACT

Objectives respond to urgent threats and impacts from severe weather experienced 'today' and work to **ACT** to reduce risk to human health and safety, avoid substantial damage to infrastructure and property, or advance climate mitigation priorities.



INVEST

Objectives respond to longer-term changes caused by increasing trends in annual temperature and precipitation and work to reduce present and future vulnerability through **INVESTMENT** in proactive activities and innovation.



SUSTAIN

Objectives continue to manage and monitor environmental conditions that are generally resilient to both short and long-term climate threats; resilience is an outcome of Conservation Authority interventions that need to be **SUSTAINED**, together with monitoring, to ensure program effectiveness and/or flag emerging issues.

Stage Four - Implement (To be initiated upon approval of the Strategy).

Consistent with our municipal partners and the Region of Peel, we recognize the need for a series of actions that can be completed in the short term, while conducting ongoing foundational research and planning to set the stage for future work and strategies.

Most objectives outlined in our plan are already underway through our existing programs. We have identified two new actions to address the growing awareness and importance of disclosing organizational risk to climate change: conducting risk assessments and developing key performance measures.

We will integrate our objectives into our business, programs and staff work plans. To execute our objectives, we recognize the following 10 priorities as actions where we know we can make a difference in the short term.

TEN PRIORITIES FOR IMMEDIATE ACTION



- Implement climate change detection and impact monitoring within existing programs and use monitoring results to inform science-based decision making internally and with our partners. (1.5)
- Maintain and enhance flood forecasting and real-time flood monitoring, prediction and warning systems. (2.1)
- Manage, restore and enhance the natural heritage system to increase natural system resiliency to current and predicted climate conditions (3.2).



- Work with partners to enhance emergency management preparedness and common messaging to the community. (2.3)
- Develop and implement action plans to respond to urgent emerging climate change threats to our natural heritage system such as invasive species. (3.1)
- Support Peel Climate Change partners in implementing the Low Carbon, Green Natural Infrastructure, Public Education and Flood Resiliency Strategies. (3.3)
- Use and expand Sustainable Neighbourhood Action Plans to embed climate sustainability and resilience into watershed communities (4.4)
- Reduce CVC's corporate carbon footprint by identifying and implementing actions to achieve an emissions reduction target. (5.1)



- Complete risk assessments of department program(s) in light of climate change and incorporate into department business plans. (6.2)
- Develop and report performance measures for climate change programs recognizing that environmental action today translates to long-term benefits. (6.6)

Stage Five - Monitor and Review (2024)

We are committed to transparency and accountability in demonstrating how our actions contribute to more resilient communities. We will measure our progress with key performance measures to determine the efficacy of the strategy.

We will report on our progress and revisit the Climate Change Strategy in 2024 to assess of progress and inform our corporate business planning process. Our priorities will be updated in 2024 as our science, knowledge and actions continue to grow.

We follow an adaptive environmental management framework, continuously adapting out processes and programs to ensure we are taking effective and fiscally responsible action on climate change.

Our reporting will ensure we remain accountable to our partners, donors, taxpayers and above all, to the environment.

COMMUNICATIONS PLAN:

The draft CVC Climate Change Strategy document is in a 'draft print ready' format. Once approved, the CVC Climate Change Strategy document will be finalized through design elements by Communications staff. A limited number of copies of the strategy will be produced with the focus of the distribution being in electronic format.

The communications plan for this strategy includes:

- Posting CVC's Climate Change Strategy on CVC's intranet site (myCVC) and on CVC's website,
- Providing copies of this strategy to member municipalities and partners to promote further collaboration, and
- Developing on-going training, tools and resources for staff across the organization to support implementation and reporting.

FINANCIAL IMPLICATIONS:

There are no financial implications as the strategy requirements will be incorporated and funded through existing program budgets. CVC will also take advantage of any applicable grant/funding programs to fund future climate change projects.

CONCLUSION:

In alignment with CVC's Strategic Plan Goal 1 and 7, CVC has undertaken the development of a Climate Change Strategy. The strategy was developed focusing on CVC's monitoring information and future climate projections, existing CVC and partner plans and strategies, national climate change tools and best management practices, and engagement with staff.

The strategy is reflective of the CVC Strategic Plan 2015-2019, CVC Corporate Social Responsibility Strategy, the Region of Peel's Climate Change Strategy 2011, the Peel Community Climate Change Partnership and the Conservation Authorities Climate Change Budget Risk Methodology. This was to ensure alignment between strategies and eliminate the potential for duplication of effort. It is anticipated that strategic work by the collective will serve to support the CVC Climate Change Strategy moving forward.

The CVC Climate Change Strategy document is intended to provide direction for the next five years and will be used to provide informed input into our departmental business planning processes beginning in 2024.

RECOMMENDED RESOLUTION:

WHEREAS the United Nations Intergovernmental Panel on Climate Change has released the Special Report Global Warming of 1.5°C calling for urgent action in accelerating actions needed to limit global warming to 1.5°C to prevent long-lasting irreversible changes;

WHEREAS CVC's integrated watershed monitoring program has found that:

- Average annual air temperatures increased by 1.8°C between 1937 and 2016 (faster than the global average of 1.0°C (IPCC²)) with winter and spring seasons warming the fastest,
- The amount of winter precipitation in the form of rain increased by 12% between 1937 and 2016,
- The number of extreme heat days (days over 30°C) have more than doubled in four of the last eight years compare to the 30 year normal of 12 days per year; and

WHEREAS the CVC Strategic Plan 2015-2019 called for continuing to work with our partners to implement the Peel Climate Change Strategy, building climate change mitigation and adaptation into management decisions and activities (Goal One, Direction 7); and to ensure that our business is well managed, sustainable and service driven (Goal 7) anticipating the impacts of climate change through routine evaluations, regularly measuring performance and reporting outcomes (Goal Seven, Direction 13 of the CVC Strategic Plan 2015-2019);

THEREFORE BE IT RESOLVED THAT the report entitled "CVC Climate Change Strategy" be approved and appended to the minutes of this meeting as Schedule 'D'; and

THAT the Board of Directors approves the organization's adoption of the CVC Climate Change Strategy; and

THAT staff be directed to finalize the draft of the strategy for distribution; and further

THAT the staff pursue the deliverables identified in the strategy and provide periodic updates to the Board on progress.

Submitted by:



Katie MacDonnell
Coordinator, Climate Change Science



Christine Zimmer
Sr. Manager, Water and Climate Change
Science



Gayle Soo Chan
Director, Watershed Knowledge

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer



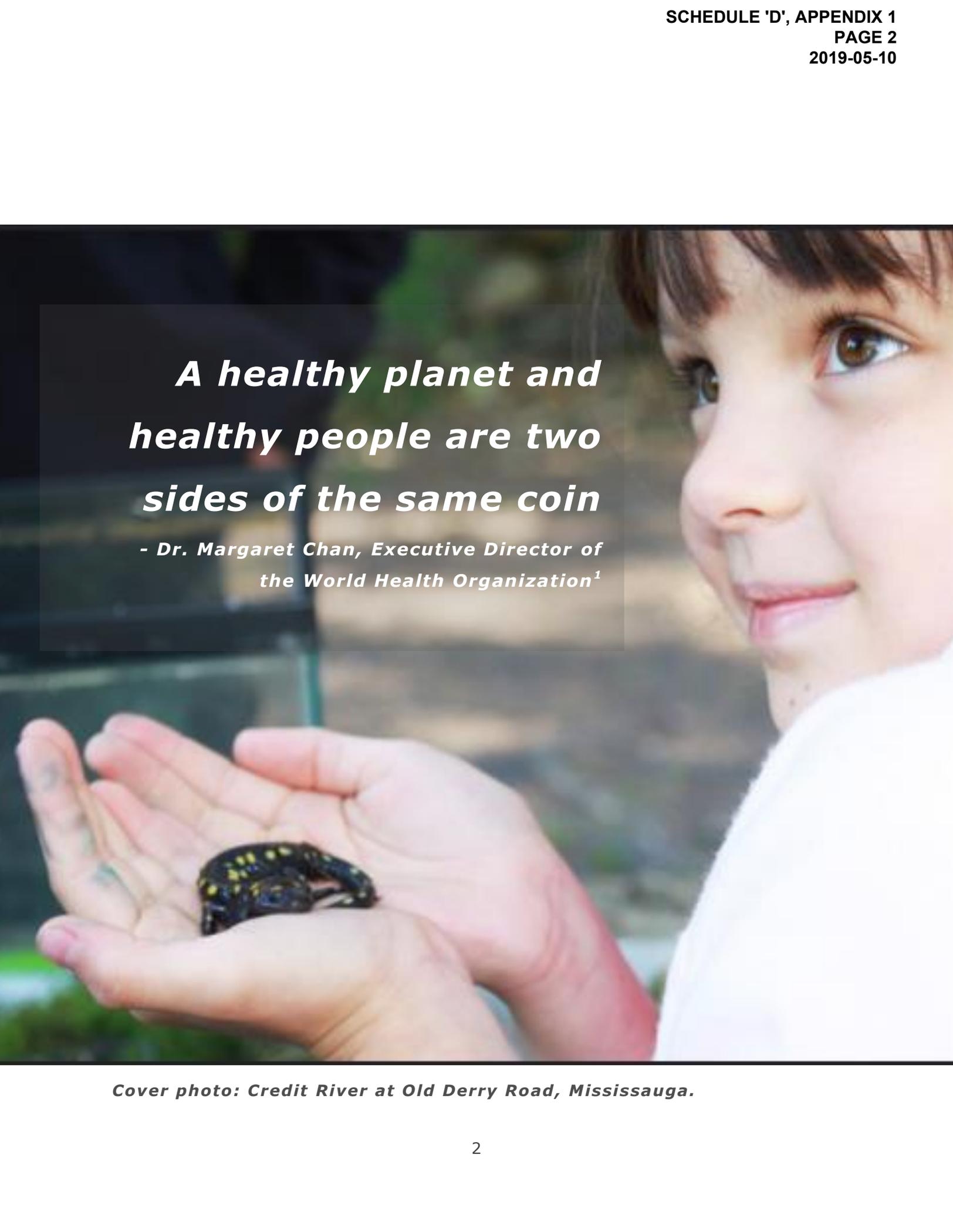
**PROTECTING TODAY
FOR RESILIENCE
TOMORROW**

May 2019



**Credit Valley
Conservation**
inspired by nature

**CLIMATE CHANGE
STRATEGY**



***A healthy planet and
healthy people are two
sides of the same coin***

***- Dr. Margaret Chan, Executive Director of
the World Health Organization¹***

Cover photo: Credit River at Old Derry Road, Mississauga.

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Message from the Chair

TOGETHER, WE CAN CREATE A RESILIENT FUTURE



Climate change effects are being felt around the world, and here at home. We're seeing more severe weather, more floods and droughts, more invasive pests and stress on our ecosystems. Close to home in Mississauga, we've managed through three extreme rain events in the past 10 years. They caused extensive damage to homes, schools and infrastructure with enormous financial, environmental and social costs.

Resilient communities will be built through collaboration. No single agency, policy or person can stand alone when it comes to acting in a changing climate.

In the Region of Peel, the regional municipality is leading the Peel Climate Change Community Partnership. It's made up of the Cities of Brampton and Mississauga, Town of Caledon, Credit Valley Conservation (CVC) and Toronto and Region Conservation Authority. The purpose is to identify areas where combining resources will have larger impact. Together we're building value with strategies for low carbon communities, flood resiliency, natural green infrastructure, and public education and awareness.

CVC has a proud of history of working with partners to recognize the value of nature to the well-being of our neighbours and our local economy.

In Mississauga, for example, CVC has been contributing to the city's One Million Trees program since its inception. For almost a decade, we've partnered with businesses and institutions in green infrastructure. We continue to be inspired to partner for actions within our changing climate – restoring riverbeds, protecting wetlands, managing invasive species and more.

On behalf of the Board of Directors, I am proud to share with you, the CVC's Climate Change Strategy 2019 – 2024. This is our shared plan for building resilient communities in the face a rapidly changing climate.

Karen Ras, Chair
Credit Valley Conservation

Message from the CAO

ADAPTING TO THE CHANGING CLIMATE AROUND US



Credit Valley Conservation has been working with our partners to protect, enhance and manage our natural environment for more than 60 years. Under provincial legislation, we manage natural resources and human activities together in the Credit River Watershed. As the local scientific authority, we monitor and model nature's systems, and continually adapt our programs as we work with partners to address changing conditions and opportunities.

And so it is with our changing climate.

Nature and climate have always experienced change. That is not new. What is new is the speed with which the climate is warming, faster than at any other time in human history. It's why it is so important that we respond with equal speed and action to build resilient communities for future generations.

Collective actions are having some impact. We're proud of important climate change work we've done with our partners thanks to the lead investment by the Region of Peel beginning in 2007. With this investment, we've accelerated our core work in addressing stressors on the environment through the power of science, education, policy and leadership. We've strengthened our flood forecasting and warning systems, developed strategic guidance and research to guide our work, and restored habitat and biodiversity. We've informed and engaged our watershed community and established CVC as a respected leader and partner in implementing adaptive measures such as green infrastructure.

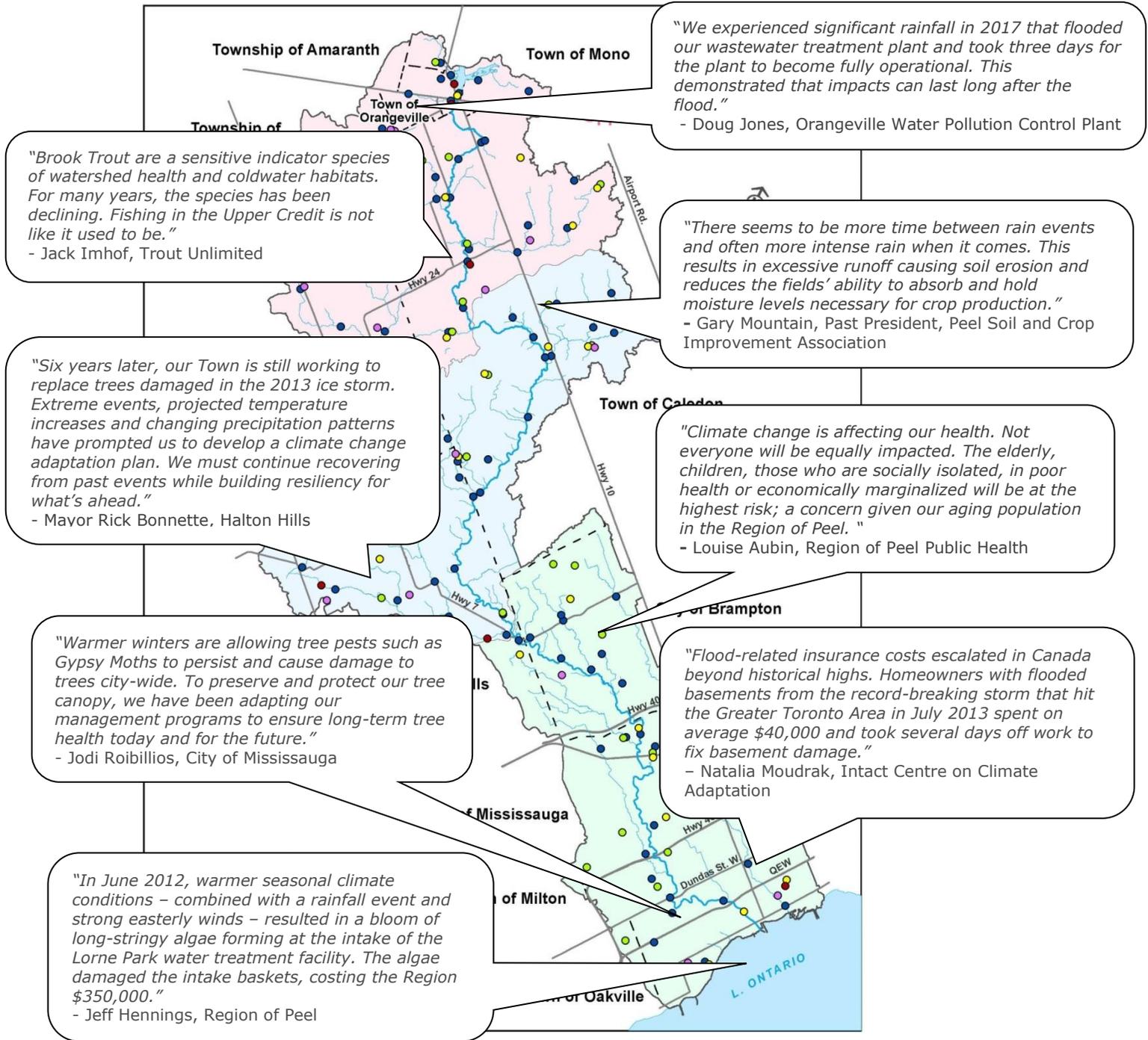
In helping our partners address climate change, we too must continue to adapt our operations. Hotter, wetter and wilder weather will have impacts on what and how we deliver services; and the value people put on them. Adapting to our changing climate, means continually building our own resiliency to change.

This Climate Change Strategy outlines a framework and goals to guide our priority climate change actions – with partners and within our own operations – over the next five years. We look forward to continued collaboration as together we realize our vision of a thriving natural environment that protects, connects and sustains us.

Deborah Martin-Downs
CAO, Credit Valley Conservation

PRIMER FOR OUR WATERSHED

Our partners are feeling the impacts of climate change.



A **watershed** is an area of land that drains its rain or snowmelt into a body of water.

Our monitoring data and observations tell the same story.



We've seen **more beech trees infected with beech scale**, an invasive pest that ultimately leads to beech bark disease that kills beech trees. Frequent warm winters mean these pests won't die off. Beech trees are one of the most common species in our watershed- the spread of this pest could have devastating impacts to our environment and recreation.



Increasingly, **flood risk in our region is due to summer thunderstorms**. These intense storms can produce extreme rain in a short period of time. Summer thunderstorms form quickly meaning they're more difficult to forecast and provide warning. The effects are especially prevalent in built-up urban areas where rain water runs off paved streets, driveways and parking lots into storm sewers.



We have observed **warmer stream temperatures throughout the watershed** as a result of warming air temperatures. Warm water holds less oxygen which affects fish and other aquatic creatures that need oxygen to live. Our climate is predicted to continue warming. This will continue to reduce and isolate habitat of coldwater fish species such as Brook Trout.



We've started seeing **southern species more often in our watershed**. This is especially true of birds because they're more mobile and can respond quickly to shifting climate. Species occasionally seen 10 years ago, like the Red Bellied Woodpecker, are now common in our watershed.



"It's not that climate change is coming, it's upon us."

- Nando Iannicca (Peel Regional Chair)²

SETTING THE STAGE

We are proud of the important climate change work we've accomplished with our partners over the past decade. Here are some highlights:

- **Monitored long-term changes to the health of our watershed.** We've collected and analyzed shifts in climate, groundwater, forest, stream and wetland ecosystems. With this information, we've detected climate change trends and supported science- and evidence-based decision making.
- **Built a strategic network of 58 real-time environmental monitoring stations, and are updating flood plain and risk mapping.** This has allowed us to better understand, predict and respond to flooding, water quality threats, and low water levels.
- **Developed the Credit River Watershed Natural Heritage System.** This protects, restores and enhances natural areas and functions across the watershed. The system contributes to climate change adaptation by increasing habitat connectivity, protecting water resources, moderating intense flooding, conserving biodiversity and improving ecosystem resiliency.
- **Enhanced ecological resilience by restoring and protecting aquatic, terrestrial and wetland habitat.** This lessens the impacts of climate change and improves the ecological and hydrological function of ecosystems. By working with our partners, we:
 - Planted more than one million trees
 - Restored 395 hectares of habitat and 16 kilometres of stream
 - Implemented 31 dam and barrier mitigation projects
 - Managed, on average, 79 invasive species projects per year
 - Acquired over 1,000 acres of land in our watershed
- **Increased climate change awareness among communities, residents and businesses and assisted stewardship action on-the-ground.** From targeted outreach, climate change programming and volunteer programs, we've engaged 7,350 landowners, 43 corporations, 48,900 volunteers and educated nearly 290,000 participants.
- **Emerged as a respected leader and partner in implementing adaptive measures such as green infrastructure.** CVC has been recognized both nationally and internationally for leadership in watershed and stormwater management with seven awards, including the Minister of Environments Award for Environmental Excellence. CVC's leading edge research, "in the ground" green infrastructure implementation and monitoring program has:
 - Trained over 8,000 professionals through workshops, courses and webinars
 - Monitored nearly 2,000 rain events at 14 demonstration sites
 - Produced over 90 green infrastructure performance monitoring guidance documents to support municipalities and the development community design and maintain stormwater facilities
- **Protected and enhanced carbon sequestration opportunities,** a value-added benefit of our role in land use planning, environmental protection, acquiring land and restoration initiatives such as tree planting.

DEVELOPING OUR STRATEGY

Our changing climate will impact our programs and our operations.

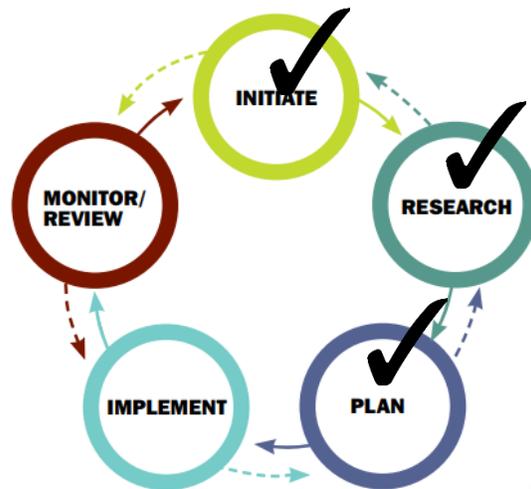
Climate change trends challenge us to consider existing risks and responsibilities with a new lens. We must consider that environmental conditions of the past do not dictate what we experience today, and into the future.

This Climate Change Strategy outlines our commitment to:

- reduce corporate risk and liability,
- ensure our work and budgets include the anticipated impacts of climate change, and
- demonstrate accountability to our partners, donors and most of all, taxpayers.

Like many of our partners, we developed our strategy using the ICLEI Local Government for Sustainability's Adaptation Methodology milestone framework³. This framework is built on continuous assessment and analysis to build next steps, modifying and adapting to meet changing conditions. By continuously adapting our processes and programs, we are taking effective and fiscally responsible action on climate change.

There are five milestones in the ICLEI adaptation planning process:



ICLEI- Local Governments for Sustainability's Adaptation Methodology basic milestone framework.³

To date, we have completed the first three milestones. This Strategy summarizes our action on these milestones and sets the stage for next steps in implementing the strategy, monitoring our progress and continuously reviewing and adapting as required.



We formed a core strategy team to lead the development of the Strategy and established a process to ensure collaboration across our organization.

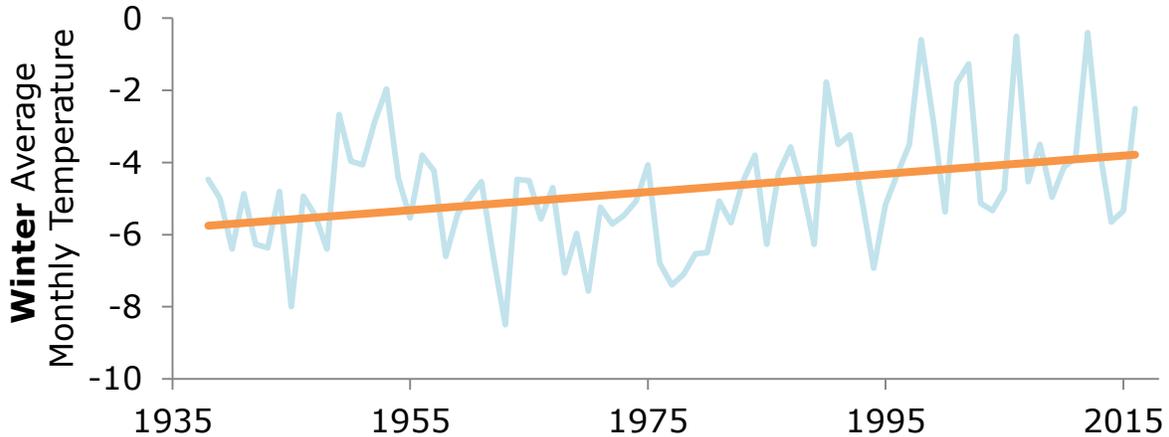


We analyzed local climate data to understand how our climate has already changed⁴ and reviewed local climate projections to understand our future climate⁵.

CLIMATE IN OUR WATERSHED: PAST, PRESENT AND EXPECTED FUTURE

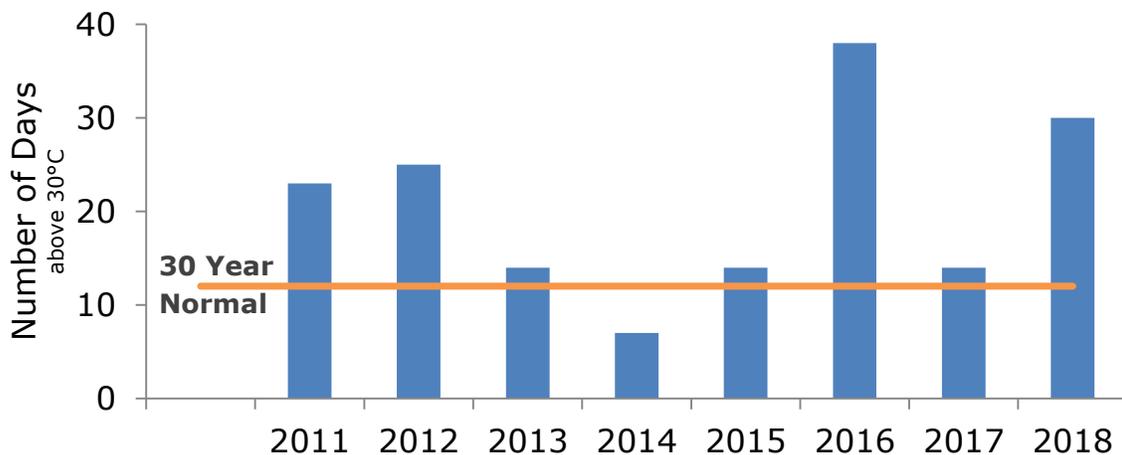
AVERAGE ANNUAL TEMPERATURE HAS INCREASED BY 1.8°C SINCE 1937⁴

- The most significant period of increase occurred between 1980 to 2002.⁴
- Winter temperatures changed most dramatically of all seasons, with increases in winter months of 2.5°C since 1937.⁴
- By 2050, temperatures are projected to increase another 2.2°C.⁵



SINCE 2010, 7 OF THE LAST 8 YEARS HAVE HAD MORE EXTREME HEAT DAYS WHERE THE MAXIMUM DAILY TEMPERATURE EXCEEDS 30°C⁴

- According to the 30-year normal, we should expect about 12 days per year of daily temperature above 30°C.⁴
- Since 2010, 7 out of 8 years have had more than 12 hot days, with 4 out of 7 having double is the number expected.⁴
- By 2050, we expect to more than double the number of hot days that exceed 30°C each year, growing from 12 to 26 days above 30°C.⁵



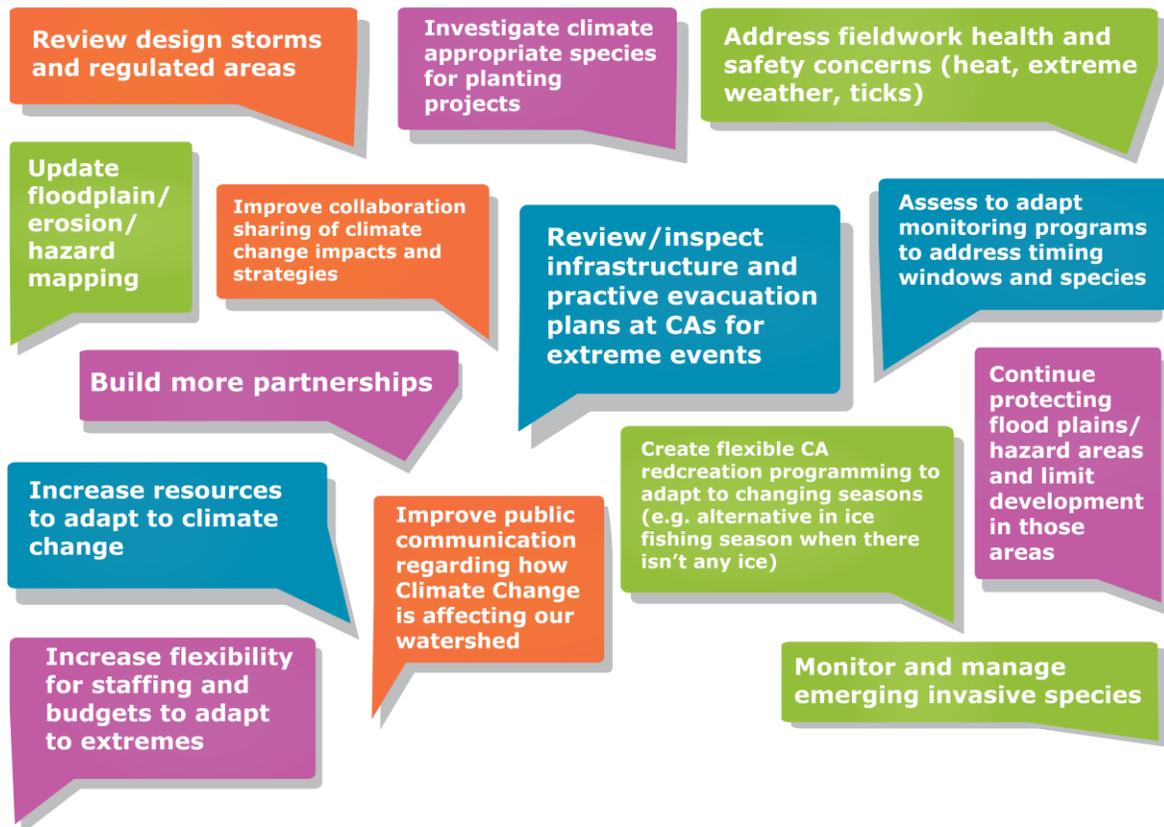


Together, we advance science and use lessons learned to continually shape collective action for a healthy, thriving community.

We developed our goals and objectives through lessons learned from a decade of climate change action, extensive staff engagement and alignment with our corporate and partner strategies.

What We Heard from Staff Engagement

How can your program adapt to Climate Change?



PLAN FRAMEWORK

This Climate Change Strategy provides direction on how we will continue to build climate resiliency through **long-term goals** and **short-term objectives**.

GOALS

Our goals are long-term outcomes that build climate resiliency through the services we provide to the community and how we run our operations.

- Goal 1** Lead Science to Guide Management
- Goal 2** Protect Life and Livelihoods
- Goal 3** Grow Thriving Communities
- Goal 4** Increase Awareness to Change Behaviour
- Goal 5** Walk the Talk
- Goal 6** Build Corporate Capacity to Adapt

Our knowledge guides our actions, and our goals are structured to reflect this.

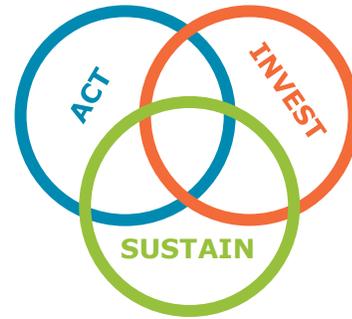


OBJECTIVES

We will work towards achieving our Strategy goals through short-term objectives.

To ensure we effectively address climate change in our watershed and make the most efficient use of our resources, we categorize our objectives into three different areas of action: **Act**, **Invest**, and **Sustain**.

The areas of action are based on the level of risk and the type of climate change impacts that are addressed. All three areas of action are of equal importance.



ACT

Objectives respond to urgent threats and impacts from severe weather experienced 'today' and work to **ACT** to reduce risk to human health and safety, avoid substantial damage to infrastructure and property, or advance climate mitigation priorities.



INVEST

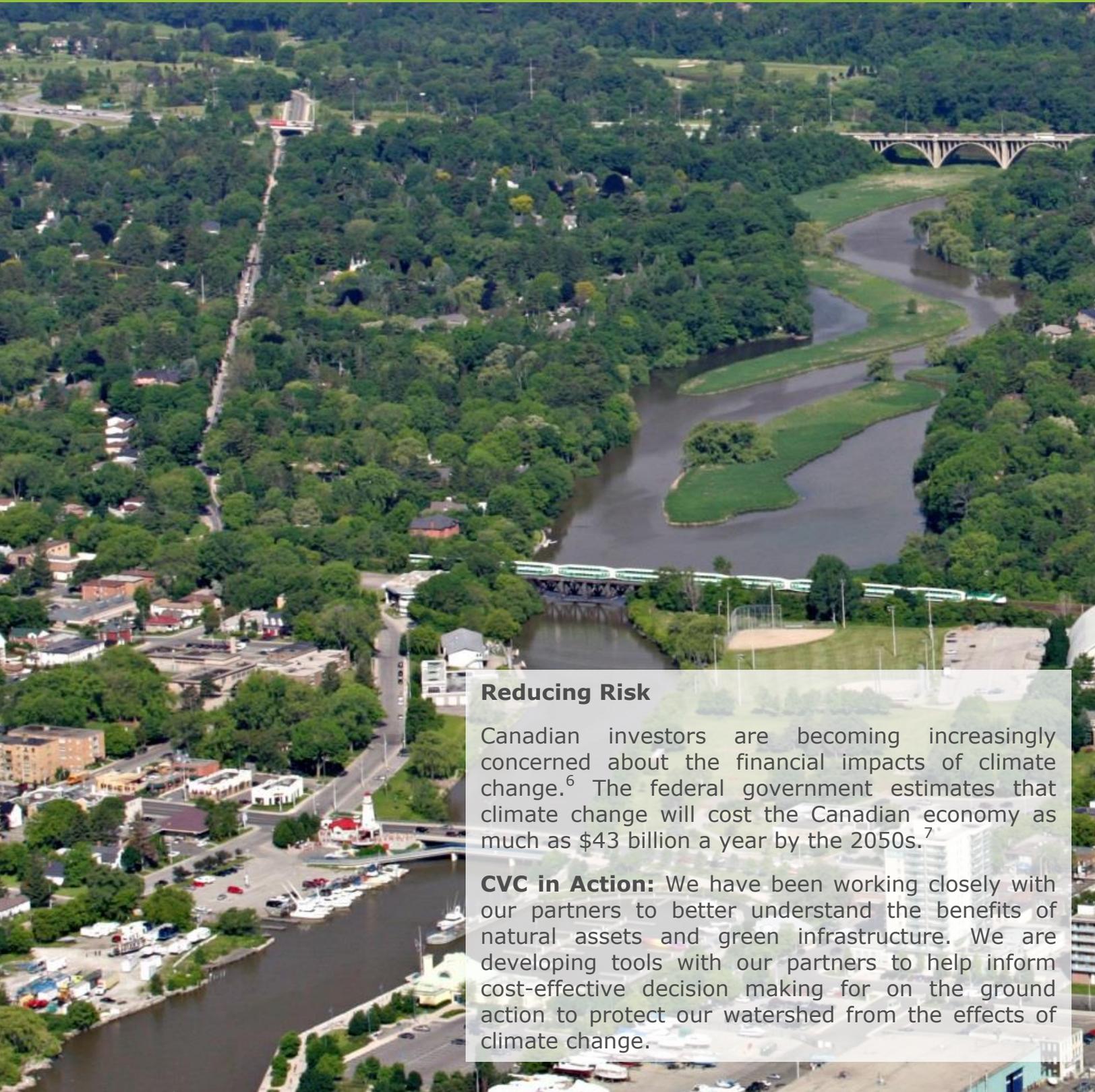
Objectives respond to longer-term changes caused by increasing trends in annual temperature and precipitation and work to reduce present and future vulnerability through **INVESTMENT** in proactive activities and innovation.



SUSTAIN

Objectives continue to manage and monitor environmental conditions that are generally resilient to both short and long-term climate threats; resilience is an outcome of Conservation Authority interventions that need to be **SUSTAINED**, together with monitoring, to ensure program effectiveness and/or flag emerging issues.

GOAL ONE



Reducing Risk

Canadian investors are becoming increasingly concerned about the financial impacts of climate change.⁶ The federal government estimates that climate change will cost the Canadian economy as much as \$43 billion a year by the 2050s.⁷

CVC in Action: We have been working closely with our partners to better understand the benefits of natural assets and green infrastructure. We are developing tools with our partners to help inform cost-effective decision making for on the ground action to protect our watershed from the effects of climate change.

LEAD SCIENCE TO GUIDE MANAGEMENT

Lead and advance local science to continuously inform and guide our collective action in reducing risk from the impacts of climate change.

Objectives		
INVEST	1.1	Characterize, model and predict climate change impacts to guide adaptive management.
	1.2	Develop tools with our partners to guide adaptive management and collectively manage environmental, social and human health and wellbeing.
	1.3	Lead the development of the Flood Resiliency Strategy as part of the Peel Community Climate Change Partnership to strengthen the integrated approach to water management for collective action in reducing flood risk in priority areas.
	1.4	Undertake targeted research projects by engaging local universities/colleges, NGOs and partners to address knowledge gaps.
SUSTAIN	1.5	Implement climate change detection and impact monitoring within existing programs and use monitoring results to inform science-based decision making internally and with our partners.
	1.6	Continue to review, monitor and update the existing Natural Heritage System.

GOAL TWO



Protecting Communities

In February 2018, unseasonably warm weather and rainfall caused high water flows in the Credit River and ice jamming throughout the upper watershed.

CVC in Action: CVC's long-term policies limit development in floodplains to protect communities from significant flood damage and risks to human safety. As a result, damage was limited. Conservation Authorities prevent more than \$100 million per year in flood damages.⁸

PROTECT LIFE AND LIVELIHOODS

Use our science to inform and adapt legislation, policy and programming to ensure resiliency in a changing climate.

Objectives		
ACT	2.1	Maintain and enhance flood forecasting and real-time flood monitoring, prediction and warning systems.
	2.2	Advance real-time water quality monitoring, modeling, and warning to support our partners in responding to water security threats.
	2.3	Work with partners to enhance emergency management preparedness and local messaging to the community.
INVEST	2.4	Incorporate climate change into flood risk mapping, watershed planning and planning approvals.
	2.5	Work in partnership with municipalities to prioritize and remediate flood risks.
SUSTAIN	2.6	Continue to review and update planning policies and guidance using local climate change science.
	2.7	Protect the ecosystem services provided by the natural heritage system through plan review and integration into official plans.

GOAL THREE



Engaging Neighbourhoods

Sustainable neighbourhoods are clean, green places to live, work, and play. They have diverse and healthy natural spaces, a resilient built environment, and a community that is engaged in climate action.

CVC in Action: In mature neighbourhoods, CVC is working with municipal partners, residents, businesses, schools, and community groups to develop and implement Sustainable Neighbourhood Action Plans to improve the environment, renew urban spaces, and adapt to a changing climate.

GROW THRIVING COMMUNITIES

Implement and encourage on-the-ground actions informed by our science to strengthen natural and human system resiliency in a changing climate.

Objectives		
ACT	3.1	Develop and implement action plans to respond to urgent emerging climate change threats to our natural heritage system such as invasive species.
INVEST	3.2	Manage, restore and enhance the natural heritage system to increase natural system resiliency to current and predicted climate conditions.
	3.3	Support Peel Climate Change partners in implementing the Low Carbon, Green Natural Infrastructure, Public Education and Flood Resiliency Strategies.
	3.4	Demonstrate leadership by supporting partners in adopting urban and rural best management practices to support watershed and human health resiliency.
SUSTAIN	3.5	Modify criteria in existing land acquisition policies to include lands that will support climate change mitigation and adaptation activities in alignment with our partners.

GOAL FOUR



Changing Practices

At the best of times, farming is a challenging business. A changing climate brings increased risk to the business of farming, making it difficult to predict rainfall and air temperatures during the growing season and reducing the certainty of returns.

CVC in Action: Strategies such as reducing tillage, covering crops, and planting windbreaks can improve soil quality and build resiliency on farms. CVC's Rural Water Quality Program is helping farmers learn about ways to invest in healthy soils. The program also provides grants to help farmers implement these management practices.

INCREASE AWARENESS TO CHANGE BEHAVIOUR

Inform and engage communities to inspire actions that positively impact our environment within a changing climate.

Objectives		
INVEST	4.1	Develop a climate change communications strategy to inform and engage staff and our stakeholders.
	4.2	Increase awareness among residents regarding climate change impacts and resiliency to foster behaviour change in our watershed through CVC's Youth Engagement Strategy, public education and targeted outreach in climate change sensitive neighborhoods.
	4.3	Provide landowners, property managers, and professionals with necessary knowledge, resources and science to inform actions that contribute to making healthy and sustainable environmental choices and building climate change resilient communities.
	4.4	Use and expand Sustainable Neighbourhood Action Plans to embed climate sustainability and resilience into watershed communities.

GOAL FIVE



Corporate Responsibility

Global warming is largely due to human activities that produce greenhouse gases, such as carbon dioxide. These gases trap heat in our atmosphere and disrupt our climate.⁹

CVC in Action: We are committed to reducing our contribution to the warming climate. In 2011, our head office building achieved LEED certification. We power select Conservation Areas with renewable energy through Bullfrog Power, and we facilitate carpooling among our staff. Our new Corporate Social Responsibility Strategy charts further action for reducing our emissions.

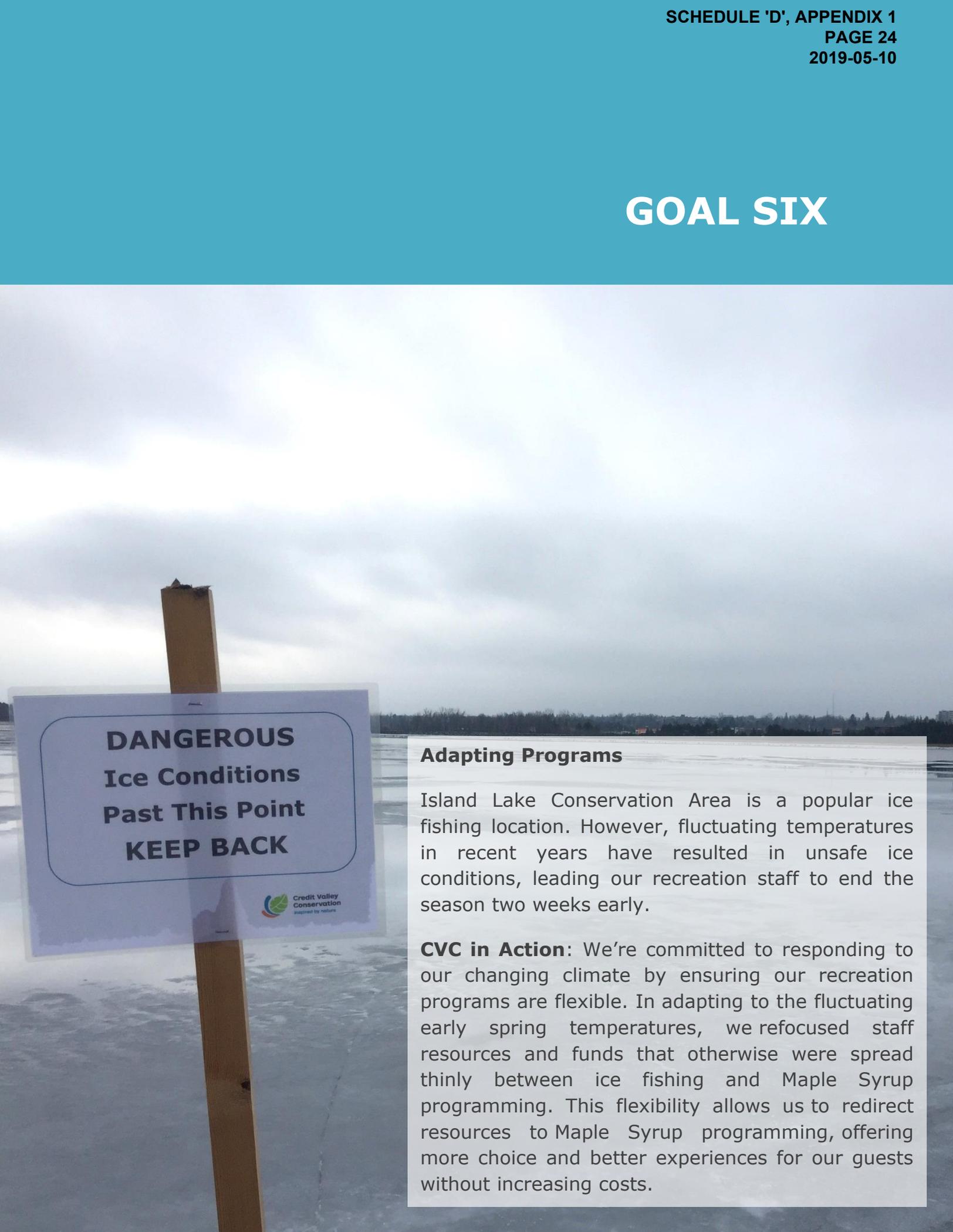
WALK THE TALK

Reduce our carbon and environmental footprint by leading and partnering to champion innovative technologies and processes within our operations.

		Objectives
ACT	5.1	Reduce CVC's corporate carbon footprint by identifying and implementing actions to achieve an emissions reduction target.*
INVEST	5.2	Develop opportunities to advance voluntary carbon offsetting on our properties through initiatives such as tree planting, wetland and grassland restoration.
	5.3	Increase water efficiency at our corporate offices by implementing and monitoring water efficiency strategies.*
	5.4	Increase waste reduction and diversion at our corporate offices by identifying and implementing waste reduction and diversions strategies.*
	5.5	Implement corporate sustainable procurement practices to align our business with products and services that reduce our carbon and environmental footprint.*
	5.6	Increase employee awareness of our environmentally sustainable operating practices to promote sustainable behaviour that reduces our corporate carbon and environmental footprint and is cost-effective.*

* CVC Corporate Social Responsibility Strategy objectives (2018).

GOAL SIX



**DANGEROUS
Ice Conditions
Past This Point
KEEP BACK**



Adapting Programs

Island Lake Conservation Area is a popular ice fishing location. However, fluctuating temperatures in recent years have resulted in unsafe ice conditions, leading our recreation staff to end the season two weeks early.

CVC in Action: We're committed to responding to our changing climate by ensuring our recreation programs are flexible. In adapting to the fluctuating early spring temperatures, we refocused staff resources and funds that otherwise were spread thinly between ice fishing and Maple Syrup programming. This flexibility allows us to redirect resources to Maple Syrup programming, offering more choice and better experiences for our guests without increasing costs.

BUILD CORPORATE CAPACITY TO ADAPT

Drive our capacity for purposeful change in internal policies and programs to thrive within the impacts and opportunities of a changing climate.

		Objectives
ACT	6.1	Reduce vulnerability to climate change health and safety risks to Conservation Area visitors and CVC staff through risk assessments and safe work procedure policies.
	6.2	Complete risk assessments of department program(s) in light of climate change and incorporate into department business plans.
INVEST	6.3	Review policies, guidelines, programs and strategies on a five year basis to incorporate new climate change science and information to reduce risk and liability.
	6.4	Create cross-jurisdictional partnerships to identify emerging trends requiring proactive adaptation action.
SUSTAIN	6.5	Develop and implement a corporate framework to link knowledge to action and continuously adapt our actions based on the best available science.
	6.6	Develop and report performance measures for climate change programs recognizing that environmental action today translates to long-term benefits.

DEVELOPING OUR STRATEGY- CONTINUED

IMPLEMENT

Our plan sets out the actions needed to thrive in a changing climate.

In consistent form with our municipal partners and the Region of Peel, we recognize the need for a series of short-term actions and the importance of conducting foundational research and planning to set the stage for future actions and long-term strategies.

Most objectives outlined in our plan are part of our core mandate and we are already making progress on them. A few new objectives have been identified as priorities to better understand the risks climate change will have on our local environment and our business operations. We will integrate those objectives throughout our business, into the programs, projects and staff work plans where work gets done.

To execute our objectives, we recognize the following 10 priorities as actions where we know we can make a difference right away.

TEN PRIORITIES FOR IMMEDIATE ACTION



- Implement climate change detection and impact monitoring within existing programs and use monitoring results to inform science-based decision making internally and with our partners. (1.5)
- Maintain and enhance flood forecasting and real-time flood monitoring, prediction and warning systems. (2.1)
- Manage, restore and enhance the natural heritage system to increase natural system resiliency to current and predicted climate conditions. (3.2)



- Work with partners to enhance emergency management preparedness and local messaging to the community. (2.3)
- Develop and implement action plans to respond to urgent emerging climate change threats to our natural heritage system such as invasive species. (3.1)
- Support Peel Climate Change partners in implementing the Low Carbon, Green Natural Infrastructure, Public Education and Flood Resiliency Strategies. (3.3)
- Use and expand Sustainable Neighbourhood Action Plans to embed climate sustainability and resilience into watershed communities. (4.4)
- Reduce CVC's corporate carbon footprint by identifying and implementing actions to achieve an emissions reduction target. (5.1)



- Complete risk assessments of department program(s) in light of climate change and incorporate into department business plans. (6.2)
- Develop and report performance measures for climate change programs recognizing that environmental action today translates to long-term benefits. (6.6)

**MONITOR &
REVIEW**

We are committed to transparency and accountability in demonstrating how our actions contribute to more resilient communities. We will measure and track our progress with key performance measures.

We will report on our progress and revisit the Climate Change Strategy in 2024 to coincide with and inform our corporate business planning process. Many of our actions on climate change are reported annually through our Strategic Plan and other reporting frameworks. Our priorities will be updated in 2024 as our science, knowledge and action continue to grow.

We follow an **Adaptive Environmental Management Framework** continuously adapting our processes and programs to ensure we are taking effective and fiscally responsible action on climate change.

Our reporting will ensure we remain accountable to our partners, donors, taxpayers and above all, to the environment.



ICLEI- Local Governments for Sustainability's Adaptation Methodology basic milestone framework.³

REFERENCES

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- ²Mississauga News (2014). <https://www.mississauga.com/news-story/4505708-city-taking-hard-look-at-addressing-climate-change/>
- ³ICLEI Local Governments for Sustainability. Changing Climate, Changing Communities: Guide and Workbook for Municipal Climate Adaptation. <http://www.icleicanada.org/images/icleicanada/pdfs/GuideWorkbookInfoAnnexesWebsiteCombo.pdf>
- ⁴CVC. In Press. IWMP Trend Analysis Technical Bulletin: Temperature and Precipitation (1938-2016).
- ⁵Auld, H., Switzman, H., Comer, N., Eng, S., Hazen, S., and Milner, G. 2016. Climate Trends and Future Projections in the Region of Peel. Ontario Climate Consortium: Toronto, ON: pp.103
- ⁶Responsible Investment Association (2018). 2018 RIA Investor Opinion Survey In Focus: Climate Change December <https://www.riacanada.ca/content/uploads/2018/12/2018-RIA-Investor-Opinion-Survey-Final.pdf>
- ⁷Canada. National Round Table on the Environment and the Economy. (2011). Paying the Price: The Economic Impacts of Climate Change for Canada <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price.pdf>
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- ⁹Canadian Centre for Climate Services (2018). <https://www.canada.ca/en/environment-climate-change/services/climate-change/canadian-centre-climate-services/basics/concepts.html>



TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: CREDIT VALLEY TRAIL LEADERSHIP COUNCIL

PURPOSE: To request approval by the Board of Directors of CVC for the appointment of one CVC Board of Directors member from each of Mississauga, Brampton, Caledon, Halton Hills and Orangeville to the Credit Valley Trail Leadership Council.

BACKGROUND:

The Credit Valley Trail will be a continuous 100-kilometre pathway through the Credit River Valley – from the Hills of the Headwaters in Orangeville to Lake Ontario in Port Credit. It will connect people to the beauty of nature, rich cultural experiences, Indigenous heritage and values, and the sacred, sustaining waters of the Credit River.

The Credit Valley Trail (CVT) was conceptually explored in 1956 in Credit Valley Conservation's (CVC) inaugural watershed report to showcase the scenic beauty of the Credit River Valley. Over many decades, the concept of a CVT has generated significant interest and support and watershed partners have worked together to lay the groundwork for what has become the CVT. Today, 32 kilometres of the optimum CVT route exists on public trails such as the David Culham Trail in Mississauga, the Bruce Trail through Halton Hills, through the Forks of the Credit Provincial Park and through CVC conservation areas.

CVC's 2015-2019 strategic plan highlights the importance of connecting communities with nature and promoting environmental awareness, appreciation and action. It further directs CVC to work with our partners to develop a Credit Valley Trail that connects the waterfront to the headwaters, celebrates our shared local history and creates a strong sense of place and emotional connection to the Credit River and its valley.

To help guide the CVT project, CVC and Credit Valley Conservation Foundation (CVCF) worked with watershed partners and industry experts to develop a strategy that establishes a collaborative vision, mission and values of the CVT, defines priorities and provides a framework for measuring progress. On December 8th, 2017, the CVT Strategy was adopted by CVC's Board of Directors through Resolution 94/17 (see below). CVT partners will, over time, build and connect the final 68 kilometres, creating a legacy for present and future generations.

Resolution 94/17

WHEREAS the Credit Valley Trail concept was originally conceived in the 1956 Watershed Report; and,

WHEREAS the 2014 CVC Strategic Plan directed staff to develop a Credit Valley Trail; that connects the waterfront to the headwaters, celebrates our shared local history and creates a strong sense of place and emotional connection to the Credit River and its valley

THEREFORE BE IT RESOLVED THAT the report entitled “Credit Valley Trail Strategy” be received and appended to the minutes of this meeting as Schedule ‘B’; and

THAT the CVC Board of Directors approve the Credit Valley Trail Strategy as presented; and

THAT Staff be directed to seek endorsement of the Strategy from local and regional municipal councils; and further

THAT copies of this report and final Strategy be provided to watershed municipalities, CVT Steering Committee members, Credit Valley Heritage Society, CVT Indigenous Roundtable members, the Greenbelt Foundation, the Ontario Ministry of Tourism Culture and Sport, the Ontario Trails Council, watershed MP’s and MPP’s, along with CVC and CVCF Board Members

CARRIED

The CVT Strategy outlines a CVT Governance Structure (Figure 1) that includes a Leadership Council and five implementation committees to help bring the CVT vision to life.

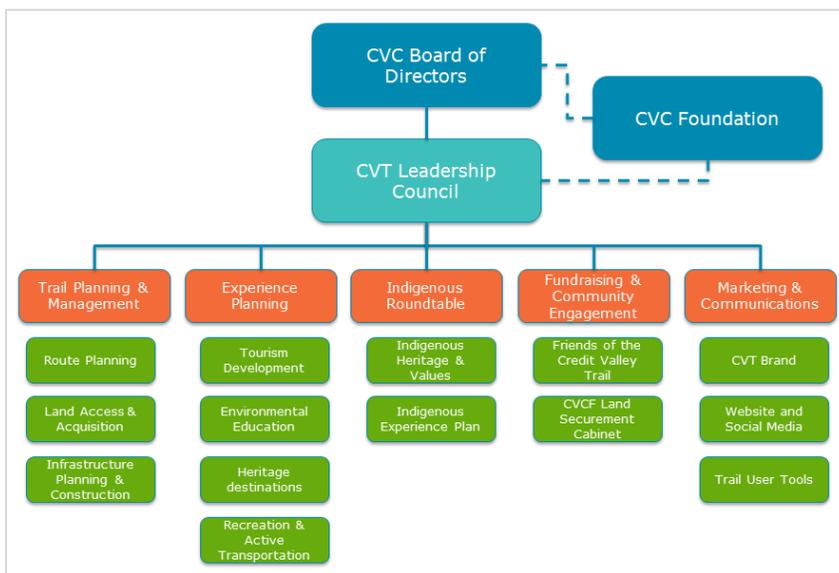


Figure 1: CVT Governance Structure

ANALYSIS:

Reporting to the CVC Board of Director's and working closely with the CVC Foundation, the CVT Leadership Council is essential to the accomplishment of the CVT mission through:

1. **Political Leadership:** Representation on the CVT Leadership Council by each watershed municipality is critical. Municipal champions will critically influence our ability to implement the strategic directions and help address and overcome barriers to success.
2. **Strategic Partnership Creation:** The CVT Strategy encourages active participation through partnership. The synergy created from working collaboratively will result in greater and more accelerated accomplishments, including increased community awareness of the CVT and opportunities for sharing resources and expertise.
3. **Community Engagement:** Connections to community groups and local residents must be further cultivated to ensure the CVT becomes a part of the fabric of the communities along the route.
4. **Sustainable Funding:** Innovative and sustainable funding partnerships and programs are essential to ensure the vision of the CVT is achieved. Federal, provincial and municipal investment will help leverage private sector and individual donor support.
5. **Land Access:** The creation, cultivation and maintenance of healthy working relationships with landowners, both public and private, will help resolve concerns as they arise and will facilitate participation in the legacy of the CVT.

The CVT Leadership Council will be governed by the following terms of engagement:

Roles and Responsibilities

CVT Leadership Council members shall:

1. Serve as visible, positive supporters of the vision of the Credit Valley Trail
2. Act as CVT champions, forging partnerships and collaborations that build capacity to advance CVT Strategy strategic directions
3. Identify and engage citizens to join the effort to realize the vision of the CVT.
4. Ensure that the work of CVT committees and CVT initiatives are true to CVT's vision, mission and mandate
5. Help to identify potential supporters (Corporate, Government, Foundation or Individual) who have an interest in the future of the Credit Valley Trail
6. Sign letters to CVC Foundation identified donor prospects requesting support as needed
7. Where appropriate, serve as a spokesperson for media and government relations on behalf of CVC, CVCF and the CVT

8. Participate in an annual Leadership Council meeting
9. Report to CVC's Board of Directors as needed

Membership

The CVT Leadership Council members will represent a diverse skill set, sector and community specific expertise, network connections, demonstrated leadership, experience, and knowledge of the CVC watershed and the goals of the CVT.

Supported by CVC staff, the CVT Leadership Council will be comprised of approximately 15 members.

- **1 Member: Credit Valley Conservation Authority**
The CAO (or a CVC Staff person appointed by the CAO) of CVC will hold one position on the Council.
- **1 Member: Credit Valley Conservation Foundation**
The Executive Director of the CVC Foundation (or a designate) will hold one position on the Council.
- **5 Members: Municipal Representatives**
Elected officials of municipalities within CVC's jurisdiction. One member from each of Mississauga, Brampton, Caledon, Halton Hills and Orangeville will be appointed by the CVC Board of Directors.
- **2 Members: Indigenous Representatives** Two representatives from Indigenous communities within CVC's watershed.
 - One representative appointed by Mississaugas of the Credit First Nation
 - One representative appointed by the CVT Indigenous Roundtable
- **4 Members: CVT Implementation Committee Representatives**
One representative from each of the four CVT Implementation Committees (as appointed by the committee):
 - Trail Planning and Management Committee
 - Experience Planning Committee
 - Fundraising and Community Engagement Committee
 - Marketing and Communications Committee
- **2 Members: Community Representatives**
At the discretion of the Chair, up to two community members may hold a position on the Leadership Council.

The current membership list is provided is provided below in Table 1.

Table 1: CVT Leadership Council Membership (as of May 10, 2019)

	MEMBERSHIP	REPRESENTATIVE
1	CAO, Credit Valley Conservation	Deb Martin-Downs
2	Executive Director, Credit Valley Conservation Foundation	Terri LeRoux
3	City of Brampton, Elected Official / CVC Board Member	Michael Palleschi
4	Town of Caledon, Elected Official / CVC Board Member	Johanna Downey
5	Town of Halton Hills, Elected Official / CVC Board Member	Ann Lawlor
6	City of Mississauga, Elected Official / CVC Board Member	Karen Ras
7	Town of Orangeville, Elected Official / CVC Board Member	Grant Peters
8	Mississaugas of the Credit First Nation	Carolyn King
9	CVT Indigenous Roundtable	Vacant
10	CVT Trail Planning and Management Committee	Bob Shirley
11	Experience Planning Committee	Mark Whitcombe
12	Fundraising and Community Engagement Committee	Vacant
13	Marketing and Communications Committee	Laurent Thibeault
14	Community Member	Vacant
15	Community Member	Vacant

Chair

The Chair of the CVT Leadership Council will be the CAO of CVC or the CVC staff person appointed by the CAO.

The CVT Leadership Council Chair will provide leadership in building a shared vision and commitment for moving forward with the CVT's vision, mission and strategic directions.

The Chair will have the following additional responsibilities:

1. Presiding over CVT Leadership Council meetings, setting the agenda and generally ensuring the effectiveness of meetings; and
2. Recruiting new members to the CVT Leadership Council when openings arise.

Term of Appointment

Members will be appointed for a four-year term with opportunity for renewal.

Members unable to fulfill their commitments may be replaced as needed during a term.

Notice of resignations and recommendations for new members will be presented to the Leadership Council Chair for consideration on an 'as required' basis.

Meetings

Members are required to attend the annual meeting of the CVT Leadership Council.

The annual meeting is expected to be approximately two hours in length, at the

discretion of the CVT Leadership Council Chair. An agenda will be circulated in advance of meetings.

The Chair will have the discretion to call additional meetings, if required. Additional meetings may be required to deal with specific issues from time to time. Meetings will be held during regular work hours depending on the preference and availability of members and staff or via conference call or online meetings.

Meetings will be conducted on the principles of consensus-based decision making.

Review

The CVT Leadership Council Terms of Engagement will be reviewed annually by the Chair. Any recommended amendments will be presented to the Leadership Council at the annual meeting.

COMMUNICATIONS PLAN:

CVT Leadership Council members will be published on the Credit Valley Trail webpage and project literature.

FINANCIAL IMPLICATIONS:

There are no financial implications of this report.

CONCLUSION:

The Credit Valley Trail is more than just limestone screening and wayfinding signs. It is a green gym, a connection to nature, a tourist destination, a history lesson, an active transportation corridor, and perhaps most importantly, it is a constituency builder for the Credit River. It is a legacy for our children and the future of our communities.

Successfully implementing the strategy, building the trail and creating a best-in-class trail user experience is dependent on several critical success factors, including the establishment of a dedicated, high profile, impactful Leadership Council.

Representation on the CVT Leadership Council by each watershed municipality is critical. Municipal champions will critically influence our ability to implement the strategic directions and help address and overcome barriers to success.

RECOMMENDED RESOLUTION:

RESOLVED THAT the report entitled "Credit Valley Trail Leadership Council" be received and appended to the minutes of this meeting as Schedule 'E'; and further

THAT the following elected municipal representatives and CVC Board Members be appointed to the CVT Leadership Council for a four-year term of May 10, 2019 to May 30, 2023:

- Johanna Downey, Town of Caledon
- Ann Lawlor, Town of Halton Hills
- Michael Palleschi, City of Brampton
- Grant Peters, Town of Orangeville
- Karen Ras, City of Mississauga

Submitted by:



Natalie Faught, Sr. Coordinator
Credit Valley Trail



Terri LeRoux, Sr. Manager, PARCS
& Executive Director, CVC
Foundation



Jeff Payne
Director, Corporate Services

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer

TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: PROPOSED AMENDMENTS TO THE CONSERVATION
AUTHORITIES ACT AND REGULATIONS

PURPOSE: To request endorsement by the Board of Directors of CVC to
submit comments on the Proposed Amendments to the
Conservation Authorities Act and Regulations for
Development Permits

BACKGROUND:

On Friday April 5th two provincial consultations about the proposed changes to the *Conservation Authorities Act* and Regulations were posted on the Environmental Registry of Ontario (ERO). Conservation Ontario nor any other conservation authority (CAs) were engaged in any of the content posted.

There are two pieces to the proposals:

1. Modernizing conservation authority operations through amendments to the *Conservation Authorities Act*; and
2. Focusing conservation authority development permits through a regulation that outlines how conservation authorities permit development and other activities for impacts to natural hazards and public safety.

Comments on these two consultations are due on May 20, 2019 and May 21, 2019 respectively.

In the interim, Bill 108 the *More Homes, More Choice Act, 2019* was released on May 2nd with its first reading in the legislature that enacts the proposed changes to the CA Act without the benefit of the consultation input. CVC has not been able to review the implications of this act against the comments we are making here. Nevertheless, we will provide these comments as information for modifications to the Act and associated regulations.

ANALYSIS:

CVC staff have reviewed each of the postings and conferred with other conservation authorities in the preparation of our response to ensure consistent messaging and a fulsome assessment of the potential implications of each of the proposals.

While staff supports the intent of many of the proposed changes, comprehensive comments cannot be provided until detailed legislative and regulatory changes are presented. The legislative changes were proposed on May 2, 2019 as part of an omnibus Bill 108 which from our initial read are consistent with the CA Act proposals that we are commenting on. No detail has, yet, been provided with respect to the regulatory amendments.

Modernizing Conservation Authority Operations (ERO # 013-5018)

Detailed staff comments on the proposals to modernize conservation authority operations are provided as **Schedule 'F' Appendix 1**. There are a few positive aspects to the proposal for modernizing CA operations to bring to your attention:

- The province continues to recognize the critical role that conservation authorities play in dealing with the impacts of climate change as it relates to protecting public health and safety.
- The province proposes to proclaim all un-proclaimed provisions of the *Conservation Authorities Act* left unfinished by the previous government related to:
 - fees for programs and services
 - transparency and accountability
 - approval of projects with provincial grants
 - recovery of capital costs and operating expenses from municipalities (municipal levies)
 - regulation of areas over which conservation authorities have jurisdiction (e.g., development permitting)
 - enforcement and offences (updating fines and empowering stop work orders)
- Continue to improve consistency among CAs
- Continue to improve board governance of the CAs
- Continued support for the *Clean Water Act* and source water protection planning

However, there are a few areas of the proposals that CVC raises concerns about in our response including defining and limiting the core mandatory programs and services provided by conservation authorities to be:

- natural hazard protection and management,
- conservation and management of conservation authority lands,
- drinking water source protection (as prescribed under the [Clean Water Act](#)), and
- protection of the Lake Simcoe watershed (as prescribed under the [Lake Simcoe Protection Act](#))

Nowhere is the **watershed focus** of the CAs mentioned as well as the unique and important attribute of managing **natural resources** as they contribute to natural hazard and flood risk management. It should be noted the current government's '*Made in Ontario Environment Plan*' also references our role in conserving natural resources as follows:

“Work in collaboration with municipalities and stakeholders to ensure that conservation authorities focus and deliver on their core mandate of protecting people and property from flooding and other natural hazards, and conserving natural resources”

Without knowing how the core mandates will be used to affect our operations, or other aspects of the modifications to the Act, CVC has recommended the addition of three core program or services to the core mandate, including:

1. conservation, restoration, development and management of **natural resources** in **watersheds** in Ontario;
2. Monitoring;
3. Administration of the authority operations.

The province places emphasis on ‘refocusing CAs’ on our core mandate. CVC takes exception to the inference that we are not focused on our mandate. Approximately 90% of our budget can be classified as contributing directly to one of the current core mandated activities under the existing act.

The proposals include actions for increased transparency around levy for programs and services, policies, audits of CAs and duties of board members. All of these measures are considered positive additions to the Act. CVC has recommended however, that levy transparency should also include those elements that have been added by the province to the mandate (including source protection as well as the loss of provincial transfer payments) so that municipalities can clearly see what the impact of these items are to the levy.

The province is also proposing to proclaim un-proclaimed provisions of the CAA related to:

- fees for programs and services;
- transparency and accountability;
- approval of projects with provincial grants;
- recovery of capital costs and operating expenses from municipalities (municipal levies);
- regulation of areas over which conservation authorities have jurisdiction (e.g., development permitting);
- enforcement and offences; and
- additional regulations.

The un-proclaimed provisions of the CAA (i.e., provisions to be enacted through regulation) were specified in the CAA promulgated in 2017 (*Building Better Communities and Conserving Watersheds Act*). Based on the information provided, the proposed changes appear to be bringing only these items into effect and we had been supportive of these in the previous Act. The regulation has not been developed and therefore the impact of fees for programs and services has not been assessed. Our comments reflect that increasingly, CA’s have had to increase the proportion of cost recovery to ensure that programs and services can continue to meet the service delivery standards or make up for insufficient funding resources. CAs need to maintain their flexibility while maintaining transparency on the fees charged.

Focusing conservation authority development permits on the protection of people and property (ERO # 013-4992)

The proposed development permit regulation is intended to make rules for development in hazardous areas more consistent across all CAs and to support faster, more predictable and less costly permit approvals. Detailed staff comments on the proposals to focus conservation authority development permits are provided as **Schedule 'F' Appendix 2**.

Generally, staff are supportive of the recommendations in the proposals as they intend to streamline and provide improved consistency among the 36 CAs. We can always improve our processes and update procedures; however, we encourage the province to build on the many guidance documents and definitions that already are in use rather than developing definitions or new guidance that will be inconsistent with approaches used currently so as not to result in delays or confusion due to transition.

Staff have already begun implementing the streamlining measures approved at the March 8, 2019 meeting by CVC Resolution #32/19). Many of the other measures outlined in the proposals CVC has already implemented.

COMMUNICATIONS PLAN:

Copies of these letters will be forwarded to our member municipalities, the Minister of Environment Conservation and Parks, Minister of Natural Resources and Forestry, and MPPs in the watershed.

FINANCIAL IMPLICATIONS:

There is no financial impact to CVC of this report. However, changes to the CA Act have potential to limit/alter our ability to charge fees and the scope of the programs and services that we may be able to provide to our member municipalities.

RECOMMENDED RESOLUTION:

WHEREAS the Ministry of Environment Conservation and Parks has posted proposals for changes to the Conservation Authorities Act to the Environmental Registry of Ontario for comment until May 20th, 2019;

WHEREAS the Ministry of Natural Resources and Forestry has posted proposals for changes to the Regulations for development permits under Conservation Authorities Act to the Environmental Registry of Ontario for comment until May 21st, 2019

THEREFORE, BE IT RESOLVED THAT the report entitled "Proposed Amendments to the Conservation Authorities Act and Regulations" be received and appended to the minutes of this meeting as Schedule 'F'; and

THAT the Board of Directors endorse the staff comments on both of the proposals as found in Schedule F, Appendices 1 and 2 for submission to the ERO on or before the May 20th deadline; and further

THAT the comments be forwarded to our member municipalities, the Minister of Environment Conservation and Parks, Minister of Natural Resources and Forestry, and MPPs in the watershed.

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer



May 10, 2019

Carolyn O'Neill
Ministry of the Environment, Conservation and Parks
Land and Water Division
Great Lakes and Inland Waters Branch
Great Lakes Office
40 St Clair Avenue West, Floor 10
Toronto, ON M4V 1M2

Dear Ms. O'Neil

**RE: Modernizing Conservation Authority Operations – CA Act
ERO # 013-5018**

Thank you for the opportunity to provide comment on the Ministry of the Environment, Conservation and Parks' proposal to amend the *Conservation Authorities Act* (CAA). It is understood the anticipated amendments are in an effort to further improve the ability of conservation authorities (CAs) to modernize and improve delivery of their core programs and services – consistent with the government of Ontario's 'Made-in-Ontario Environment Plan'. These comments were unanimously endorsed by the CVC board of Directors at their meeting of May 10, 2019 by resolution [*to be inserted*].

Credit Valley Conservation (CVC) is pleased with the government of Ontario's effort in continuing to provide modernized support for CAs in defining and delivering their core mandate, as well as improving the governance of CAs. In addition, CVC supports the government's initiative to proclaim previously un-proclaimed provisions in the CAA.

As you are aware, CVC has an on-going interest in the development and implementation of these proposed amendments given our role as:

- Regulators under Section 28 of the CAA;
- Public commenting body under the *Planning Act* and *Environmental Assessment Act*;
- Representing the provincial interest in natural hazards for planning and development related matters (as per MOU with province, dated 2001);
- Service providers to municipal partners; and
- Landowners.

Credit Valley Conservation proudly has a 65-year history of partnerships with the province, municipalities, watershed residents, development and consulting industries, and other agencies and watershed stakeholders. Together, we will continue to deliver on working collaboratively to protect people and property from flooding and other natural hazards, and to conserve natural resources. We own 7100 acres of land in our watershed, a significant amount of which are forests, wetlands and grasslands, in addition to our more active conservation areas open for public enjoyment.

Please consider the following comments on the proposed amendments – recognizing the ERO posting does not include detailed proposed amendments to the CAA or associated regulations. Each of the proposals is outlined below with CVC comments following.

PROPOSED CHANGE 1 – Defining Core Mandatory Programs and Services

Clearly define the core mandatory programs and services provided by conservation authorities to be:

- 1. natural hazard protection and management;*
- 2. conservation and management of conservation authority lands;*
- 3. drinking water source protection (as prescribed under the Clean Water Act); and*
- 4. protection of the Lake Simcoe watershed (as prescribed under the Lake Simcoe Protection Act).*

General Comments: While CVC supports the province's continued efforts to more clearly define CA core mandatory programs and services, we do not agree that we need to refocus on delivering our core mandate. The programs and services that CVC offers support delivery of our hazard management role, our natural resource management role and conservation and management of CA lands. Some programs and services are provided at the request of or to support our partners for which additional resources are provided. Over 90% of our budget supports the core mandate as it currently exists in the CAA.

The proposed core mandatory programs as outlined in the proposals for consultation are inconsistent with provincial acts and plans. As you are aware, one of the objects of CAs is to *'provide, in the area over which it has jurisdiction, programs and services designed **to further the conservation, restoration, development and management of natural resources...**'* (CAA, Sec. 21(1)(a)).

The province's Made-in-Ontario Environment Plan supports conservation and environmental planning outlining the province's commitment to *'...Work in collaboration with municipalities and stakeholders to ensure that conservation authorities focus and deliver on their core mandate of protecting people and property from flooding and other natural hazards and **conserving natural resources**'* (Made-in-Ontario Environment Plan, Conserving Land and Greenspace, 2018).

*The reference to **natural resources** is missing from the core mandatory programs and services.*

The Greenbelt Plan together with the Growth Plan, the Niagara Escarpment Plan and the Oak Ridges Moraine Conservation Plan build on the Provincial Policy Statement to establish a land use planning framework that supports a thriving economy, a clean and healthy environment and social equity premised on **using the watershed as the ecologically meaningful scale for integrated and long-term planning**. Furthermore, Justice O'Connor's first recommendation from the Walkerton Inquiry was that drinking water should be protected by developing watershed-based source protection plans. The *Clean Water Act* ensures communities protect their drinking water supplies through prevention – by developing collaborative, watershed-based source protection plans that are locally driven and based on science. Conservation authorities were the logical partner with the province for this program based on our watershed area of jurisdiction.

*The term **watershed** is missing from the core mandatory programs and services or other preamble.*

In order to manage natural resources and hazards, data are required that support the science

and tools developed to manage the resource. CVC has developed sophisticated monitoring programs and systems.

Monitoring should be added to the core mandate of the CAA.

Administration of the authority operations is also a core program or service and should be added to the core mandatory programs and services. Without the support of our administrative team, the authority would cease to function. Further, these functions need to be adequately resourced to ensure financial accountability, compliance with health and safety requirements, corporate documentation and staff management.

CVC recommends that:

- a) **The reference to natural resources should be added to the scope of the core mandatory programs and services.**
- b) **The term watershed should be added to the core mandatory programs and services**
- c) **Monitoring should be added to the core mandate of the CAA.**
- d) **Administration of the Authority operations is also a core program or service and should be added to the core mandatory programs and services.**

1.0 Natural Hazard Protection and Management

Conservation authorities undertake watershed-based programs to protect people and property from flooding and other natural hazards. To undertake our hazard management role there are many critical activities and programs undertaken to support this function including:

- watershed inventory and monitoring, including real time systems and reporting development,
- dam and dyke assessments, operations and maintenance,
- flood forecasting and warning and tools for emergency response
- surface water and ground water modeling
- floodplain and other hazard mapping
- regulation of development within and adjacent to natural hazards,
- re-naturalization and restoration programs,
- climate change analysis and risk tools
- land acquisition and protection
- preparation of watershed plans and subwatershed studies,

Together, these activities directly support the purpose and objects of CAs in the act and the province's Made-in-Ontario Environment Plan – in coordinating the protection of life and property from natural hazards and conserving natural resources at a watershed scale.

To manage hazard lands, one needs to be able to manage the contributions from the lands within the watershed to the water. To mandate the natural hazards function must also include the natural resources functions and watershed-based jurisdiction.

CVC recommends that:

- **Management of natural resources be included as a core mandatory program and service – consistent with existing CA's purpose and objects (as stated in the CAA).**
- **That the province further recognize integrated watershed management or watershed based focus and programming as integral to supporting CAs core**

mandatory programs and services – perhaps listing it as the approach to deliver both core and non-core programs.

2.0 Conservation and Management of Conservation Authority Lands

CVC owns and/or manages 7100 acres of land on 61 properties and operate four active conservation areas. Some of the lands we manage are on behalf of the Ontario Heritage Trust by agreement. We agree with maintaining it as our core mandate for these lands are available to the people of Ontario and provide them with many ecosystem benefits of clean water, clean air, biodiversity and water management.

We do not have access to other sources of revenue to develop, maintain and manage our parks and therefore rely on the levy to be able to continue offering access to our lands.

CVC recommends that:

The province includes Conservation and management of Conservation Authority lands as a core mandate of the CAA.

3.0 Drinking Water Source Protection (as prescribed under the Clean Water Act)

The CAs have been engaged in this program since 2006 and agree with considering it a core mandate under the CAA. However, we anticipate that this is so that the costs to operate the program can be shifted to the municipalities. This will have a direct impact on the taxpayer in the watershed as the costs for the program will now be added to the levy.

There are some challenges with allocating the costs for the drinking water program as three CAs participate in a source protection region. The lead CA, in our case Toronto and Region CA, undertakes activities on behalf of all three CAs (CTC) as supported in the provincially funded program. As CVC has numerous wells in our jurisdiction, the CTC staff disproportionately work in our area.

Many tools developed for the source protection assessment reports, such as the ground water models and Lake Ontario Collaborative Model, have significance beyond the local jurisdiction. The investment made by the province in their development and maintenance should still be valued and supported by the province.

CVC recommends that:

Drinking water source protection be added to the CA core mandate but that the province should maintain some level of funding for the program in recognition of the significant cross boundary resources developed and the impact on municipal taxes.

A funding model may need to be developed to recognize the current source protection region structure and resource sharing undertaken but the CAs participating in the region.

4.0 Protection of the Lake Simcoe Watershed

Every watershed is as special as the Lake Simcoe watershed. While they do not have their own act, they do have the *Conservation Authorities Act* that seeks to provide some of the same protections and opportunities as afforded by the *Lake Simcoe Protection Act* and associated plan. If we can define the Lake Simcoe watershed as worthy of core mandate, so should our other watersheds be similarly recognized.

CVC recommends that:

Watersheds be specifically acknowledged within the core mandate of the CAs

PROPOSED CHANGE 2 – Increase Levy Transparency

Increase transparency in how conservation authorities levy municipalities for mandatory and non-mandatory programs and services. Update the Conservation Authorities Act, and Act introduced in 1946, to conform with modern transparency standards by ensuring municipalities and conservation authorities review levies for non-core programs after a certain period (e.g. 4 to 8 years).

Response: CVC supports the province's effort to further enable transparency on how CAs levy municipalities for mandatory and non-mandatory programs and services. However, it should be noted that CVC's current municipal levy and budgeting process for mandatory (levy) and non-mandatory (special levy) programs and services goes through a rigorous, transparent and public process led by each of our municipal partners (seek levy-budget approval from each municipal council) as well as final approval by CVC's Board of Directors (made up of representatives of watershed municipalities). We annually make a public report to each of our funding partners and report on our budget in our annual report posted on our website.

The levy formula should include the concept of a minimum levy. Some of our smaller municipalities contribute between \$1300 and \$6700 to our budget with annual increases of \$30-220. The cost to service them annually is more than the increase and in the case of the smallest means that virtually nothing can take place locally.

CVC recommends that:

- ***The Conservation Authorities Act be amended to include modern transparency standards for how CAs levy municipalities such as clarifying core vs non-core programs and services.***
- ***Levy transparency should also include those elements that have been added to the mandate so that municipalities can clearly see what the impact of provincially added mandate items are to the levy, including source protection as well as the loss of provincial transfer payments for core mandated program and services.***

PROPOSED CHANGE 3 – Establish Transition Period for Delivery of Non-Mandatory Services

Establish a transition period (e.g. 18 to 24 months) and process for conservation authorities and municipalities to enter into agreements for the delivery of non-mandatory programs and services and meet these transparency standards.

Response: CVC has, or is currently working on developing and updating, service agreements/memorandum of understanding with all our municipal partners. It should also be noted all of CVC's updated service agreements have been endorsed or approved by the affected municipal council as well as CVC's Board of Directors. While the suggested timeline for implementation of 18 to 24 months is acceptable, it would be advantageous to align the transition period to align with the municipal term of council (December 2022).

CVC recommends that:

- ***The suggested transition timeline of 18 to 24 months be aligned with the ending of municipal terms of council (December 2022).***

PROPOSED CHANGE 4 – Provincial Investigator

Enable the Minister to appoint an investigator to investigate or undertake and audit and report on a conservation authority.

Response: CVC has no concerns with the province's proposal to amend the CAA to appoint an investigator to undertake audits of CAs. However, it should be noted that CVC currently prepares annual financial statements reviewed by an independent auditor and posted to CVC's

website. Additionally, as you are aware a CA's Board of Directors retain their right to request additional audits or investigations as deemed necessary – in accordance with their fiduciary duties to the organization. The Act could establish limits as to who can ask for an audit or a process before the board to ensure that frivolous requests are not made to be carried out at the expense of the CA.

Operational audits, such as undertaken at Niagara Peninsula Conservation Authority, are unusual but nonetheless an important tool in the Act to ensure that the best interests of the province are realized through the management of the CA. We have no concerns with adding measures to the act to allow for operational audits.

CVC recommends that:

The Act could establish limits as to who can ask for an audit or a process before the board to ensure that frivolous requests are not made to be carried out at the expense of the CA.

PROPOSED CHANGE 5 – Clarify the Duty of Conservation Authority Board Members

Clarify that the duty of conservation authority board members is to act in the best interest of the conservation authority, similar to not-for-profit organizations.

Response: CVC supports the province's proposal to amend the CAA to clarify the duty of CA Board members – particularly to act in the best interest of the CA.

Board of Director responsibilities are outlined in CVC's administrative by-laws recently updated to comply with the December 2017 CA Act requirements. Further, all CVC Board Members are required to sign a 'Code of Conduct' which includes a clause that all Board members act in the best interest of CVC. Prospective members are provided with the Code of Conduct prior to seeking a board appointment and all have willingly signed it upon appointment.

PROPOSED CHANGE 6 – Proclaim all Un-proclaimed Provisions

We (the 'Province') are also proposing to proclaim un-proclaimed provisions of the Conservation Authorities Act related to:

- *fees for programs and services;*
- *transparency and accountability;*
- *approval of projects with provincial grants;*
- *recovery of capital costs and operating expenses for municipalities (municipal levies); regulation of areas over which conservation authorities have jurisdiction (e.g. development permitting);*
- *enforcement and offences; and*
- *additional regulations.*

Response: CVC generally supports the initiative of the province to proclaim previously un-proclaimed provisions in the CAA. However, some of the un-proclaimed provisions lack detail to comment on relying on detail to be provided in a regulation. Of particular concern is the detail around fees for programs and services. Increasingly, CA's have had to increase the proportion of cost recovery to ensure that programs and services can continue to meet the service delivery standards or make up for insufficient funding resources. CAs need to maintain their flexibility while maintaining transparency on the fees charged.

We welcome the proclamation of the enforcement provisions of the act as these have been long overdue as a tool in our toolbox. The opportunity exists to add an order to comply to the new enforcement provisions.

Credit Valley Conservation staff would be pleased to discuss these and other important opportunities to modernize the *Conservation Authorities Act* – particularly related to operations and governance. Please note that CVC will have additional more detailed comment upon the release and review of the draft amended Act.

If you have any questions or wish to meet to discuss further, please feel free to contact the undersigned at your convenience.

Regards,



Deborah Martin-Downs BES, MSc, PhD
Chief Administrative Officer



April 30, 2019

Alex McLeod
Ministry of Natural Resources and Forestry
Policy Division
Natural Resources Conservation Policy Branch
300 Water Street
Peterborough, ON K9J 8M5

Dear Mr. McLeod

**RE: Focusing Conservation Authority Development Permits on the Protection of
People and Property
ERO # 013-4992**

Thank you for the opportunity to provide comment on the Ministry of Natural Resources and Forestry's (MNRF) proposal to create an updated regulation further defining the ability of Conservation Authorities (CAs) to regulate prohibited development and other activities for impacts to flooding and other natural hazards. It is understood the intention of the anticipated regulation will be to make rules for development in hazardous areas more consistent across Ontario, to support faster, more predictable and less costly approvals. These comments were unanimously endorsed by the CVC board of Directors at their meeting of May 10, 2019 by resolution [*to be inserted*].

Credit Valley Conservation (CVC) supports the government of Ontario's effort in continuing to provide modernized support for CAs in focusing and delivering their core mandate, as well as improvements to our regulatory role in fulfilling our core mandatory programs and services.

CVC protects people, property and infrastructure from natural hazards through management of the natural environment, given our roles and responsibilities as outlined in the MNRF Policies and Procedures Manual for conservation authorities:

- Regulators under Section 28 of the CAA;
- Public commenting body under the *Planning Act* and *Environmental Assessment Act*;
- Representing the provincial interest in natural hazards for planning and development related matters (as per MOU with province, dated 2001);
- Service providers to municipal partners; and
- Landowners.

CVC proudly has a long history of partnerships with the province, municipalities, watershed residents, development and consulting industries, and other agencies and watershed stakeholders. Together, we will continue to deliver on working collaboratively to protect people and property from flooding and other natural hazards, and to conserve natural resources.

Please consider the following comments on the proposed amendments – recognizing the ERO posting does not yet include the detailed proposed amendments to the regulation or associated legislation:

PROPOSED CHANGE 1 - Consolidate and Harmonize Existing CA Regulations

The Minister is proposing to consolidate and harmonize the existing 36 individual conservation authority approved regulations into one Minister of Natural Resources and Forestry approved regulation to ensure consistency in requirements while still allowing for local flexibility.

Response: CVC supports the consolidation and harmonization of the existing 36 individual CA regulations into one regulation. However, it should be recognized that each CA should continue to have the ability to establish individual, CA Board approved implementation policies that reflect local conditions.

To assist in improved coordination and consistency with managing development in areas containing natural hazards, it would be beneficial for the province to modernize and update guidelines provided by the province – in particular the technical guidelines in support of the province's 'Understanding Natural Hazards' (2001) publication. These regulations and guidance documents need to give CAs the tools to incorporate climate change into our future proofing of communities.

PROPOSED CHANGE 2 – Update Definitions

The Minister is proposing to update definitions for key regulatory terms to better align with other provincial policy, including: wetland, watercourse and pollution.

Response: CVC supports updating key definitions to better align with other provincial policy – particularly the terms wetlands, watercourse and pollution. To achieve a consistent interpretation of these terms it would be helpful to replace with existing definitions (e.g. wetlands as defined in the Provincial Policy Statement) as well as provide and/or update existing support materials (e.g. fact sheets, technical guidelines etc.). Working with existing definitions and guidance materials rather than creating new definitions will allow a more rapid incorporation into review and permitting processes. CVC will have additional more detailed comments upon receipt of draft definition(s).

PROPOSED CHANGE 3 – Define Undefined Terms

The Minister is proposing to define undefined terms including interferences, conservation of land Establish a transition period (e.g. 18 to 24 months) and process for conservation authorities and municipalities to enter into agreements for the delivery of non-mandatory programs and services and meet these transparency standards.

Response: CVC supports defining key undefined terms to address not only the role CAs have in protecting life and property from natural hazards, but also in conserving natural resources to support natural hazard management and to ensure resilience on the landscape to mitigate the effects of climate change. It is recommended the definitions of Interference and Conservation of Land be consistent with the previous 1994 Mining and Lands Commission decision as well as existing guidance from Conservation Ontario – prepared in consultation with provincial staff (Guidelines to Support Conservation Authority Administration of the *Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation*, Conservation Ontario, 2008).

PROPOSED CHANGE 4 – Reduce Regulatory Restrictions

The Minister is proposing to reduce regulatory restrictions between 30m and 120m of a wetland and where a hydrological connection has been severed.

Response: CVC supports reducing regulatory restrictions in areas between 30m and 120m of a wetland in instances where:

- It has been demonstrated a reduction in the regulated area is warranted through a technical report;

- A constructed barrier or divide (e.g. linear infrastructure) exists between the wetland and proposed development with no wetland attributes on the 'development' side (i.e. hydrologically disconnected or severed); or
- The proposed development activity presents a 'low-risk' to impacting the hydrologic function of the wetland or public safety. Development that may present a higher risk to the wetland and its functions should maintain their regulatory restrictions.

It should be noted that existing CVC regulation mapping currently includes this approach for areas where there is a road or significant infrastructure between 30m and 120m of a wetland for the limit of the regulated area (i.e. regulated area map clipping).

Clarity will be required on the condition '*where a hydrological connection has been severed*'. Not all hydrologic connections are immediately visible, such as wetlands that recharge groundwater.

PROPOSED CHANGE 5 – Exempt Low Risk Activities Drainage Act

The Minister is proposing to exempt low risk development activities from requiring a permit including certain alterations and repairs to existing municipal drains subject to the Drainage Act provided they are undertaken in accordance with the Drainage Act and Conservation Authorities Act protocol.

Response: CVC does not have any municipal drains within our jurisdiction and have no comment on that aspect of this item.

PROPOSED CHANGE 6 – Allow CAs to Exempt Low Risk Development Activities

The Minister is proposing to allow conservation authorities to further exempt low risk development activities from requiring a permit provided in accordance with conservation authority policies.

Response: CVC supports including a provision in the regulation to allow CAs to exempt low risk activities from permitting. Currently, it is unclear if the proposed regulation is to outright exempt specific low risk activities (i.e. provide a list of activities exempt from requiring a permit) or implement a 'permit by rule' system (i.e. list activities that if a set of rules are followed are exempt from requiring a permit). In either case, CVC would be pleased to work with the province and other stakeholders to review activities that may be included for exemption.

It should be noted that current CVC policies recognize that under certain circumstances minor low risk development may meet 'exceptions' (e.g. minor landscaping, structures exempt from requiring building permits due to their size) and/or fall under an 'expedited' permit process (minor works permits) – this includes an 'emergency works' protocol for infrastructure works, as needed.

PROPOSED CHANGE 7 – Transparency of CA Regulatory Policy

The Minister is proposing to require conservation authorities to develop, consult on, make publicly available and periodically review internal policies that guide permitting decisions.

Response: CVC supports this initiative to require transparency and accountability of CA regulatory policy. Currently CVC's Board of Directors approved policy document (CVC's 'Watershed Planning and Regulation Policies', April 2010) is available on CVC's website and was developed through a comprehensive public consultation process (see 'Watershed Planning and Regulation Policies Companion Document: Stakeholder Engagement and Co-Creative Planning for Credit Valley Conservation', April 2010). Updates to our policies have been awaiting completion of the CAA process.

PROPOSED CHANGE 8 – Require Public Notification of Mapping Changes

The Minister is proposing to require conservation authorities to notify the public of changes to mapped regulated areas such as floodplains or wetland boundaries.

Response: CVC supports the provinces proposal to include a provision in the regulation that the public must be notified of changes to mapped regulated areas.

CVC currently follows Conservation Ontario's updated 'Procedure for Updating Section 28 Mapping: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation', (April 2018) which requires a range of public consultation to be undertaken for regulated area mapping changes. CVC also provides information to the public on changes to floodplain and wetland mapping through various other forums including through public consultation for watershed plans and subwatershed studies, Public Information Centres for floodplain mapping updates undertaken in partnership with affected municipalities, and consultation requirements undertaken through updates or amendments to municipal Official Plans (including Secondary Plans, Tertiary Plans and site specific Official Plan Amendments).

In the same vein, CVC suggests the province require a more consistent and transparent public notification process for the provincial wetland evaluation system – particularly when wetlands are evaluated on private lands and are to be designated Provincially Significant Wetlands.

PROPOSED CHANGE 9 – Require Reporting on Service Delivery

The Minister is proposing to require conservation authorities to establish, monitor and report on service delivery standards including requirements and timelines for determination of complete applications and timelines for permit decisions.

Response: CVC supports the province to update the regulation to require CAs to monitor and report on service delivery standards – based on standardize timelines. CVC currently monitors and has reported on regulatory service delivery standards, consistent with provincial standards set by the province's Conservation Authority Liaison Committee ('Policies and Procedures for Conservation Authority Plan Review and Permitting Activities', 2010).

It should be noted CVC and other CAs are currently working in partnership with Conservation Ontario to develop a client-centric customer service training program – targeted on further improving CA client-service and accountability; increasing the speed of approvals; and reduce red tape and regulatory burden. CVC's Board approved a a set of actions for streamlining conservation authority activities at its meeting in March of 2019 in response to Government interests. CVC would be pleased to assist the province in developing monitoring and service standards.

PROPOSED CHANGE 10 - Once the regulation is established, the Province is also proposing to bring into force un-proclaimed sections of the CA Act associated with CA permitting decisions and regulatory enforcement

CVC supports proclaiming un-proclaimed sections of the Act related to non-compliance with Section 28 Regulations. During the 2017 CA Act review and amendments, substantial amendments were made to the Act to enhance enforcement mechanisms, i.e., the ability to stop work, the ability to enter privately-owned land (for the purposes of ensuring compliance with permit approvals and conditions and with reasonable grounds to believe an offence has occurred), and the ability to charge significantly higher (offence) penalties than those currently identified within the Act. These are important tools to allow CAs to enforce the conditions placed on permits and the address non-permitted activities.

Thank you again for the opportunity to provide input on this important provincial initiative. Note that CVC will have additional more detailed comments upon the release and review of

the draft amended regulation. If you have any questions or wish to meet to discuss further, please feel free to contact the undersigned at your convenience.

Regards,

A solid black rectangular box redacting the signature of the undersigned.

Deborah Martin-Downs BES, M.Sc., PhD
Chief Administrative Officer

TO: The Chair and Members
of the Board of Directors,
Credit Valley Conservation

SUBJECT: BILL 108 AND CA ACT AMENDMENTS

PURPOSE: To request approval by the Board of Directors of CVC to delegate responsibility to the CAO, Chair and Vice Chair to prepare and submit comments on Bill 108, Schedule 2 respecting the *Conservation Authorities Act*

BACKGROUND:

On April 5th 2019 the Ministry of Environment, Conservation and Parks (MECP) posted proposals to amend the *Conservation Authorities Act* (CA Act) with the intent to help conservation authorities (CA) focus and deliver on their core mandate and to improve governance.

CA Staff prepared comments on the proposals to inform the proposed amendments to the act which are being considered by the Board for endorsement at their meeting of May 10, 2019 as Schedule 'F' to be submitted to the Environmental Registry of Ontario (ERO) by May 20th, 2019. As the agenda was being finalized for the Board meeting, the province released Bill 108, *an act to amend various statutes with respect to housing, other development and various other matters*, also known as the *More Homes, More Choices Act 2019* (<https://www.ola.org/en/legislative-business/bills/parliament-42/session-1/bill-108>) In the act there are 13 schedules (see list below) amending 13 different acts to support Ontario's Housing Supply Action Plan. Included in this Bill as Schedule 2 are proposed amendments to the *Conservation Authorities Act*. Other acts of interest to the Authority include the *Endangered Species Act* (Schedule 5), *Environmental Assessment Act* (Schedule 6), and the *Planning Act* (Schedule 12). Comments on the proposed changes to the act are being accepted on the ERO until June 1st, 2019.

Bill 108 Schedules:

- Schedule 1 *Cannabis Control Act, 2017*
- Schedule 2 *Conservation Authorities Act*
- Schedule 3 *Development Charges Act, 1997*
- Schedule 4 *Education Act*
- Schedule 5 *Endangered Species Act, 2007*
- Schedule 6 *Environmental Assessment Act*
- Schedule 7 *Environmental Protection Act*
- Schedule 8 *Labour Relations Act, 1995*
- Schedule 9 *Local Planning Appeal Tribunal Act, 2017*

Schedule 10 *Occupational Health and Safety Act*
Schedule 11 *Ontario Heritage Act*
Schedule 12 *Planning Act*
Schedule 13 *Workplace Safety and Insurance Act, 1997*

ANALYSIS:

Staff have not had sufficient time to digest the implications of these proposed changes to the CA Act. Nor have we had the opportunity to confer with other conservation authorities to develop consistent approaches to our responses. However, some of the concerns that were expressed in our letters of comment on the proposals as found in Schedule 'F' have now been alleviated, specifically, our concerns with respect to missing references to natural resources and watersheds. No modifications are proposed to the purpose of the CA Act or to the powers of the authority in section 21 (1) –

Purpose:

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

21 (1) For the purposes of accomplishing its objects, an authority has power:

a) to study and investigate the watershed and to determine programs and services whereby the natural resources of the watershed may be conserved, restored, developed and managed,

This has the effect of maintaining our watershed jurisdiction, focus and scope of programs and services in executing of these powers.

The biggest change is to Section 21.1 that outlines programs and services which has been repealed and replaced with a new Section 21.1. The essence of this change is around the definition of what are considered core/mandatory programs and those which are non-mandatory. Previously the CA Act (2017) had a clause 21.1 (1) 3. "Such other programs and services as the authority may determine are advisable to further its objects" which allowed us to include programs and services in our levy that were related to natural resources management and watershed studies.

As section 21.1 (1) now reads (excerpt below), more specificity is made with respect to our role in natural hazards, land management and they have added the source water protection responsibilities to our mandatory programs. This means that the source protection program will now form part of the levy to the municipalities where previously the costs were covered by the province.

21.1 (1) *If a program or service that meets any of the following descriptions has been prescribed by the regulations, an authority shall provide the program or service within its area of jurisdiction:*

1. Programs and services related to the risk of natural hazards.

2. Programs and services related to the conservation and management of lands owned or controlled by the authority, including any interests in land registered on title.

3. Programs and services related to the authority's duties, functions and responsibilities as a source protection authority under the Clean Water Act, 2006.

4. Programs and services related to the authority's duties, functions and responsibilities under an Act prescribed by the regulations.

Similarly, the natural hazard function of the CA is considered core mandate and with the recent cuts by the province to the transfer payment to the CAs for the hazard management functions (see 7.3 correspondence item from MNRF) will now be made up by increased levy to the municipalities or cuts to the programs. For CVC the cut was \$89,589, leaving us with \$95,606.17 as a provincial contribution.

While the devil is in the details, the scope of "programs and services related to the risk of natural hazards" is uncertain as the wording is vague. We will be commenting that the wording should be changed to that which was used in the proposals to modernize the act "natural hazard protection and management" which we understand and currently undertake.

The key question becomes, what is included in the bucket of activities that are necessary to be able to carry out a hazard management function? The programs and services will be prescribed by regulation after the act is passed. Therefore, the impact on our work and budget will not be known for some time.

The following are the minimum elements of a successful program for hazard management:

- Operations, inspections, maintenance or reconstruction of dams, channels, and erosion and ice control structures
- Flood forecasting and warning (hydrometric monitoring, data management, models, communications)
- Emergency operations with municipalities (data support, communications, media, vulnerability assessments; post event assessments)
- Plan input and review (planning, engineering)
- Regulation (permitting and enforcement)
- Watershed planning to input to hazard management and planning decisions; determine effective mitigation measures including protection and expansion of natural areas and wetlands
- Floodline/Hazard and Risk Mapping (hydraulic and hydrologic modelling; base mapping; air photography, field assessment)
- Training/administration

As well, **restoration activities** (tree planting, wetland restoration, forest management) and **monitoring of watershed health** have been long standing activities that have ensured that the impacts of land use change on hazards have been minimized.

For those programs and services that are not captured in the core mandatory programs, they will be subject to the requirement to develop a Memorandum of Understanding

(MOU) with our member municipalities for the delivery of those programs and services. Should a municipality not be willing to enter into an MOU for those programs and services then there will be no expectation of municipal contribution toward those programs. The implications of this requirement are not understood as yet but a transition period is included proposed to be in the order of 18-24 months. This will potentially be influenced by the outcome of the regional governance review.

As comments are due in advance of the next board meeting, staff are seeking permission to work with the Chair and Vice Chair to complete our assessment, prepare comments on Schedule 2 and submit them to the ERO on or before the closing date.

COMMUNICATIONS PLAN:

There are no Communications implications of this report.

FINANCIAL IMPLICATIONS:

There is no financial impact to CVC of this report. Non-mandatory programs now subject to developing an MOU, will have a window of approximately 18-24 months to complete it. We assume this means that there will be no change to the levy formula or budget development for the next one to two budget cycles.

RECOMMENDED RESOLUTION:

WHEREAS the province has released Bill 108 the More Homes More Choice Act, 2019 that is open for comment on the Environmental Registry of Ontario until June 1, 2019;

WHEREAS Schedule 2 of Bill 108 contains proposed amendments to the Conservation Authorities Act, and

WHEREAS the amendments seek to divide programs and services into mandatory and non-mandatory categories which will alter the municipal levy and potentially the opportunity to provide desired support activities to the municipalities

THEREFORE BE IT RESOLVED THAT the report entitled "Bill 108 and CA Act Amendments" be received and appended to the minutes of this meeting as Schedule 'G'; and

THAT the Board of Directors delegate authority to the CAO, Chair and Vice Chair of the Authority to prepare and submit comments on the Bill 108 Schedule 2 on behalf of the board; and

THAT copies of the submission be provided to MPPs, Watershed Municipalities and the Minister of Environment Conservation and Parks and further

THAT all municipalities and watershed residents be encouraged to submit comments on the Conservation Authorities Act amendments in support the need for watershed programs and services in maintaining safe and healthy environments for all.

Recommended by:



Deborah Martin-Downs
Chief Administrative Officer

Ministry of Natural
Resources and Forestry

Ministère des Richesses
naturelles et des Forêts

Regional Operations
Division

Division des opérations
régionales

Room 6610, Whitney Block
99 Wellesley Street West
Toronto ON M7A 1W3
Tel: 416-314-9075
Fax: 416-314-2629

Édifice Whitney, bureau 6610
99, rue Wellesley Ouest
Toronto (Ontario) M7A 1W3
Tél.: 416-314-9075
Télééc.: 416-314-2629



April 12, 2019

Ms. Deborah Martin-Downs
Chief Administrative Officer
Credit Valley Conservation Authority
1255 Old Derry Rd
Mississauga, Ontario L5N 6R4

Subject: Notification of 2019-20 Transfer Payment Funding

Dear Deborah Martin-Downs:

As you are aware, the government tabled its 2019 Budget that puts people first and ensures that vital public services have the sustainable funding they need now and for generations to come. The government set out the actions needed to return the Province to balance in a responsible and reasonable manner.

This year's budget reflects the outcomes of a comprehensive multi-year planning process that built on the findings of EY Canada's line-by-line review, and the ideas identified in the Planning for Prosperity Survey and the Big Bold Ideas Challenge. The government conducted a thorough review of all government programs in order to ensure investments are sustainable and modernized. The review is also meant to ensure that duplication is eliminated, and valuable programs and services are sustainable and delivering outcomes for the people of Ontario.

In addition to this review, all ministries were required to identify administrative savings. This was to be done by identifying opportunities to modernize services in order to reduce administrative costs and burden, while improving services across ministries, agencies and transfer-payment partners.

I am writing to let you know that Credit Valley Conservation Authority will receive \$95,606.17 in funding for the 2019-20 fiscal year, for Section 39 Eligible Natural Hazard Management Grant, subject to the terms of a transfer payment agreement that will be provided to you.

If you have any questions about your funding for 2019-20, please contact Kathy Woeller, A/Director Integration Branch at 705-755-1620.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. Rolf von den Baumen".

Monique Rolf von den Baumen
Assistant Deputy Minister

From: Minister Steve Clark <mah@ontario.ca>
Sent: Thursday, May 2, 2019 5:31 PM
To:
Subject: More Homes, More Choice: Ontario's Housing Supply Action Plan

**Ministry of
Municipal Affairs
and Housing**

Office of the Minister

777 Bay Street, 17th Floor
Toronto ON M5G 2E5
Tel.: 416-585-7000
Fax: 416-585-6470

**Ministère des
Affaires municipales
et du Logement**

Bureau du ministre

777, rue Bay, 17^e étage
Toronto ON M5G 2E5
TÉL : 416-585-7000
Télééc : 416-585-6470



19-002867

Greetings:

Ontario's Government for the People is committed to building more housing and bringing down costs for the people of Ontario. To help fulfill this commitment, we have developed a broad-based action plan to address the barriers getting in the way of new ownership and rental housing.

More Homes, More Choice (the action plan) outlines our government's plan to tackle Ontario's housing crisis, while encouraging our partners to do their part. We are taking steps to make it faster and easier for municipalities, non-profits and private firms to build the right types of housing in the right places, to meet the needs of people in every part of Ontario.

As part of the action plan, we are proposing changes that would streamline the complex development approvals process to remove unnecessary duplication and barriers, while making costs and timelines more predictable. We are also proposing changes that would make it easier to build certain types of priority housing such as second units.

On May 2, 2019, the government introduced Bill 108 (the bill), the proposed More Homes, More Choice Act, 2019, in the Ontario Legislature. While the bill contains initiatives from various ministries, I would like to share some details regarding initiatives led by the Ministry of Municipal Affairs and Housing.

Planning Act

Schedule 12 of the bill proposes changes to the Planning Act that would help make the planning system more efficient and effective, increase housing supply in Ontario, and streamline planning approvals.

If passed, the proposed changes would:

- Streamline development approvals processes and facilitate faster decisions,
- Increase the certainty and predictability of the planning system,
- Support a range and mix of housing options, and boost housing supply,
- Make charges for community benefits more predictable, and
- Make other complementary amendments to implement the proposed reforms, including how the proposed changes would affect planning matters that are in-process.

Amendments to the Planning Act are also proposed to address concerns about the land use planning appeal system. Proposed changes would broaden the Local Planning Appeal Tribunal's jurisdiction over major land use planning matters (e.g., official plan amendments and zoning by-law amendments) and give the Tribunal the authority to make a final determination on appeals of these matters. The Ministry of the Attorney General is also proposing changes to the Local Planning Appeal Tribunal Act, 2017 to complement these changes (see Schedule 9 of the bill).

Development Charges Act

Schedule 3 of the bill proposes changes to the Development Charges Act that would make housing more attainable by reducing costs to build certain types of housing and would increase the certainty of costs to improve the likelihood of developers proceeding with cost sensitive projects, such as rental housing.

If passed, the proposed changes would:

- Make it easier for municipalities to recover costs for waste diversion,
- Increase the certainty of development costs in specific circumstances and for certain types of developments,
- Make housing more attainable by reducing costs to build certain types of homes, and
- Make other complementary amendments to implement the proposed reforms.

Further consultation on the Planning Act and Development Charges Act

We are interested in receiving any comments you may have on the proposed changes to the Planning Act and the Development Charges Act. Comments on these proposed measures can be made through the [Environmental Registry of Ontario](#) as follows:

- Planning Act: posting number 019-0016
- Development Charges Act: posting number 019-0017

The Environmental Registry postings provide additional details regarding the proposed changes.

A Place to Grow: Growth Plan for the Greater Golden Horseshoe

As an important part of **More Homes, More Choice**, I am also pleased to provide you with A Place to Grow: Growth Plan for the Greater Golden Horseshoe, which addresses the needs of the region's growing population, its diversity, its people and its local priorities. A Place to Grow will come into effect on May 16, 2019.

As you know we recently consulted on proposed policy changes to make it faster and easier for municipalities in the region to plan for growth, increase housing supply, attract investment, and create and protect jobs. I would like to thank those who participated in the consultation process, and who contributed through their feedback to the development of the Plan.

It is anticipated that A Place to Grow will:

- Provide more flexibility for municipalities to respond to local needs,
- Increase housing supply at a faster rate,
- Attract new investments and jobs,
- Make the most of transit investments, and
- Protect important environmental and agricultural assets.

A Place to Grow reflects our trust in the ability of local governments to make decisions about how their communities grow, while the province maintains protections for the Greenbelt, agriculture, and natural heritage systems. One size doesn't fit all. We're supporting municipalities so they can respond to local needs and regional priorities.

In addition to sharing the new Plan with you today, I am also informing you that we are asking for further feedback on the transition regulation. Specifically, we are seeking feedback on specific planning matters that were submitted as part of the recent consultations and for which we would provide transitional rules. These matters were deemed to be far along in their process and as such are being considered for transition so as to not unduly disrupt ongoing planning matters that may be impacted by the policies in A Place to Grow. Changes to the transition regulation can be found on Ontario's Environmental Registry and Regulatory Registry for the next 30 days.

Provincially Significant Employment Zones (PSEZs)

The economy in the Greater Golden Horseshoe is not only a critical factor provincially but also across Canada in achieving economic success and viability. As such, ensuring that lands are available to support the creation of jobs and the attraction of investments is paramount to providing homes that people can afford near stable and reliable employment.

To achieve this, we have formally identified the 29 provincially significant employment zones that we consulted on for the purposes of providing enhanced protections to existing employment areas. While no zones were removed or added to the 29 provincially significant employment zones at this time, they have been revised to address any factual errors in the mapping based on municipal official plans already in effect. These zones can be viewed on our web portal.

With the technical adjustments made, we will now begin the process of reviewing Requests for Reconsideration. Through this process, my ministry will consider requests to reconsider lands within and outside of existing zones as well as requests to add new zones. We will assess

requests based on a number of factors that include, but are not limited to, the local planning context, municipal support and provincial interest.

If you have questions about the zones, the Requests for Reconsideration process, or accessing mapping files you may contact ministry staff at growthplanning@ontario.ca.

Finally, we heard loud and clear throughout the recent consultation period that there was a desire for further discussions on the longer term vision for the provincially significant employment zones that would look at opportunities to support current and emerging industries. Notably, many expressed interest in utilizing zones to leverage economic development investments, programs and strategies both inside and outside of the Greater Golden Horseshoe.

Working with our partner ministries, we will be embarking on further public engagement in the coming months to explore the longer-term vision for provincially significant employment zones, along with potential opportunities to maximize the use of the zones as tools in investments, infrastructure planning and economic activity. Through these targeted engagement discussions, we will look to clearly articulate a framework for provincially significant employment zones that will position Ontario for more homes and better jobs.

If you have any questions and/or need further information on the upcoming engagement, or on any of the growth related matters, please feel free to contact Cordelia Clarke Julien, Assistant Deputy Minister, Ontario Growth Secretariat at cordelia.clarcejulien@ontario.ca or at (416) 325-5803.

Taken together, the actions outlined in **More Homes, More Choice** - including the proposed changes detailed above - will make it easier to build the right types of housing in the right places, make housing more affordable and help taxpayers keep more of their hard-earned dollars. Building more housing will make the province more attractive for employers and investors, proving that Ontario is truly Open for Business.

This action plan is complemented by our recently announced **Community Housing Renewal Strategy**, which will help sustain, repair and grow our community housing system. Together these two plans will ensure that all Ontarians can find a home that meets their needs.

At the same time, **More Homes, More Choice** underscores our commitment to maintain Ontario's vibrant agricultural sector and employment lands, protect sensitive areas like the Greenbelt, and preserve cultural heritage. Our plan will ensure that every community can build in response to local interests and demand while accommodating diverse needs.

I look forward to continuing to work together as we implement **More Homes, More Choice**.

Sincerely,



Steve Clark
Minister



Smoke-Free Partnerships With Conservation Areas

Credit Valley Conservation Delegation

Jessica Hopkins, MD MHSc CCFP FRCPC
Medical Officer of Health
Region of Peel - Public Health



1

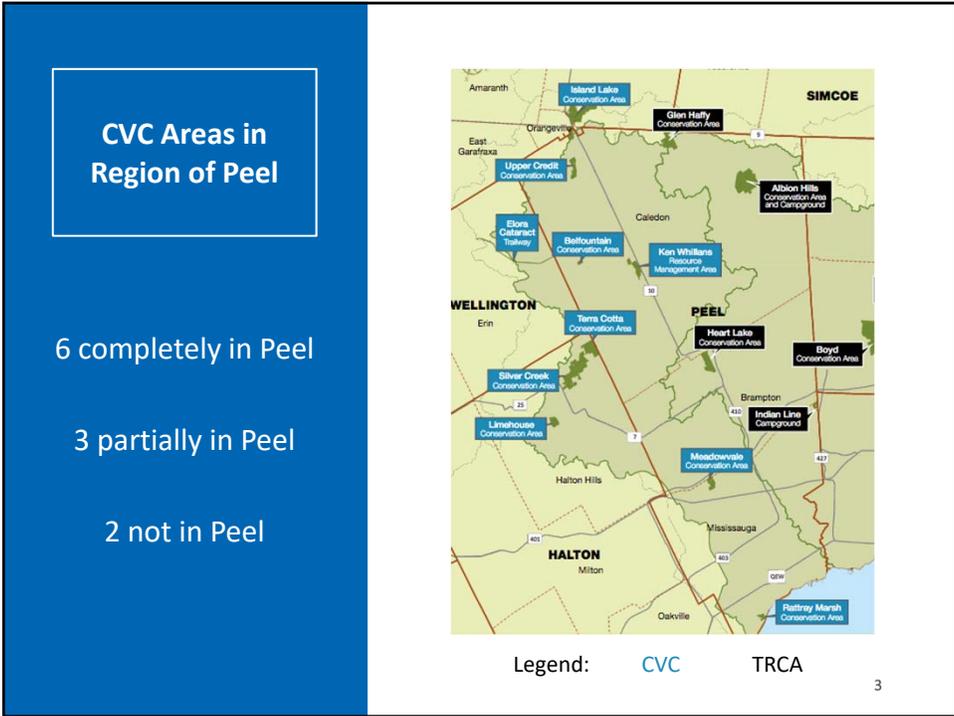
Outline

- Current smoke/vape-free regulations
- Amendments to Peel Outdoor Smoking By-law
- Benefits to CVC patrons with expanding smoke/vape-free areas



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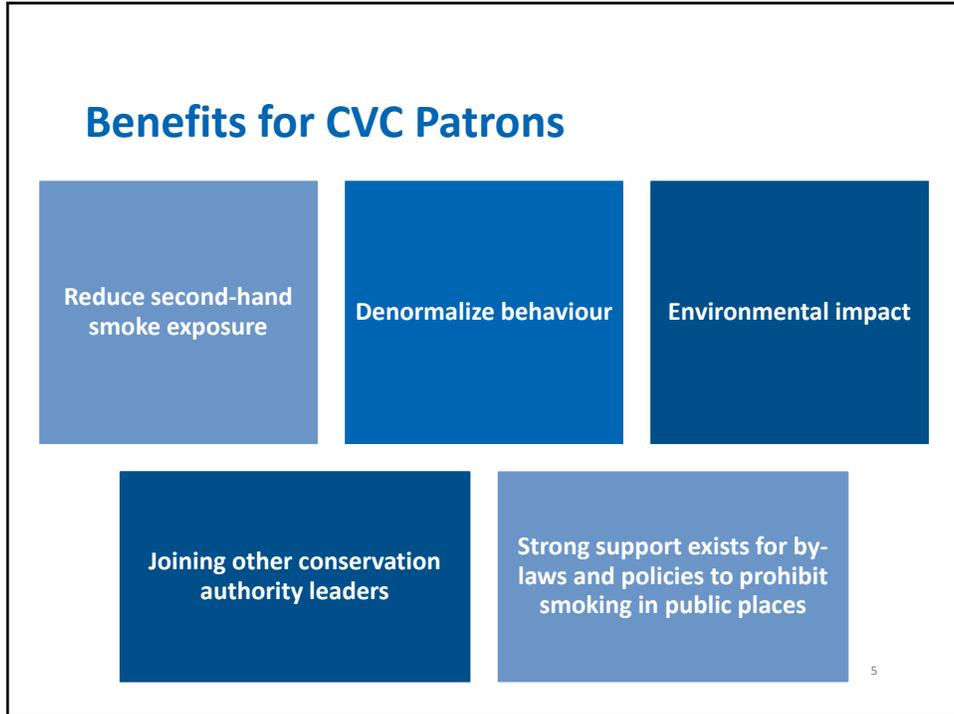
Peel Outdoor Smoking By-law: Amendments

There is opportunity for alignment between the SFOA, 2017 and the Peel Outdoor Smoking By-law to further protect from second-hand smoking exposure.

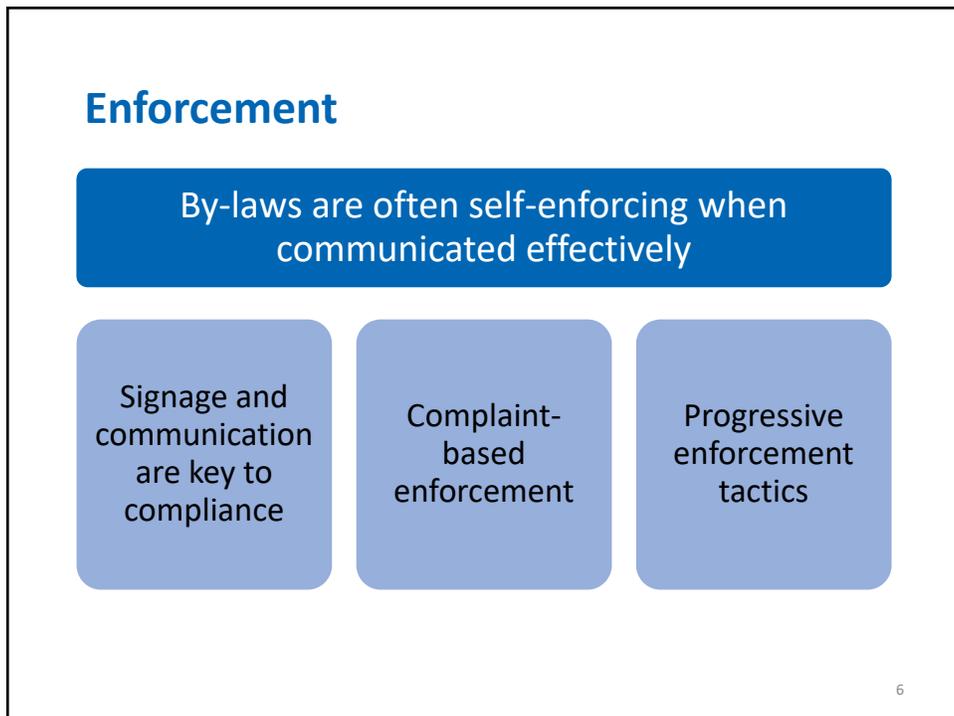
Expand the scope to increase public health protection for all Peel residents

Products	<ul style="list-style-type: none"> • Cannabis • Vaping Devices
Places	<ul style="list-style-type: none"> • Conservation Areas within Peel Region

4



5



6

Consultations with Conservation Authorities

Initial Conversations

- Summer 2017: Initial discussion with CA senior managers.
- Fall 2017: Tour of CA grounds, at both CVC and TRCA.
 - Discussed general interest/support and concerns with enforcement.

Considerations for Implementation

- Size of the properties
- Lands span several municipalities
- Capacity to enforce a policy

Mitigation

- Current law is enforced by municipal by-law officers and the Public Health Inspectors (Tobacco).
- Name CA properties located in Peel in the by-law.
- Potential to name Conservation Officers to enforce the by-law in CA properties.

7

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Next steps

- Confirm interest in partnership to include CVC
- **Mid-2019:** present an Information Update to Regional Council
- **Fall 2019:** bring recommendations to amend the *Peel Outdoor Smoking By-law* to regional council and municipalities
- **2020:** Implement amended *Peel Outdoor Smoking By-law*



8

8

Questions

9

9

References

- Klepeis NE, Ott WR, Switzer P. Real-Time Measurement of Outdoor Tobacco Smoke Particles. Journal of the Air & Waste Management Association. 2007 57:5,522-534
- Cancer Care Ontario, Ontario Agency for Health Protection and Promotion (Public Health Ontario). Environmental Burden of Cancer in Ontario. Toronto: Queen's Printer for Ontario; 2016.
- Wong SL, Malaison E, Hammond D, Leatherdale ST. Secondhand smoke exposure among Canadians: cotinine and self-report measures from the Canadian Health Measures Survey 2007-2009. Nicotine Tob Res. 2013 Mar;15(3):693-700.
- Fraley TD, Sheridan K, Africk JJ, Maloney M. Smoke-Free Parks: A comprehensive review of the policy considerations underlying state and municipal smoke-free parks laws. Respiratory Health Association. 2014 <https://resphealth.org/wp-content/uploads/2017/08/RHA-Smoke-free-Parks.pdf>
- Data Source: Rapid Risk Factor Surveillance System (RRFSS) 2011. Peel Public Health
- Peel Living Survey Results

10

10



Credit Valley
Conservation
inspired by nature

Flooding and CVC's Role

To CVC Board of Directors
May 11, 2018



1

Outline

- 1) Flood Prevention
- 2) Causes of Flooding
- 3) Flood Forecasting and Warning



2

Flooding - Prevention

- Floodplain Regulation
- Public Awareness
- Flood Emergency Response Planning with Municipalities



3

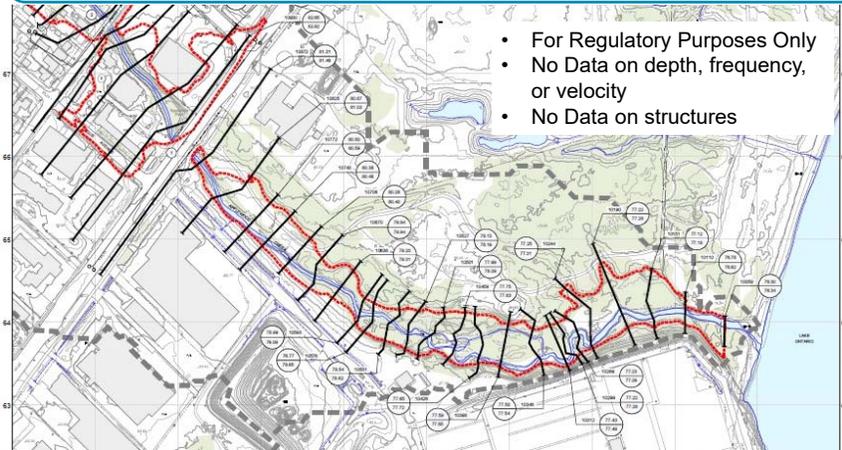
Flood Prevention Floodplain Regulation



Existing Flood Hazard Mapping
Regulatory Flood = Hurricane Hazel

4

Flood Prevention Floodplain Regulation



New Flood Hazard Mapping

5

Flood Prevention Public Outreach

- Education Information Sessions prior to flooding season
- Flood preparation and floodproofing information is available on request and on web site



6

Flood Emergency Response Planning with Municipalities

Ministry of Natural Resources

Emergency Response Plan 2013



This plan explains how MNR will:

- ❖ respond to public safety and protection incidents;
- ❖ respond to MNR service disruptions; and
- ❖ respond in support to OFMEM and other Ministries.

7

Legislated to do so ...

Ministry of Natural Resources

Emergency Response Plan 2013

Conservation Authorities

Conservation authorities will provide input into the preparation of community emergency plans when requested by their participating municipalities. Conservation authorities provide an important role during emergencies through their flood forecasting and warning, low water response and water control operations.

This plan explains how MNR will:

- ❖ respond to public safety and protection incidents;
- ❖ respond to MNR service disruptions; and
- ❖ respond in support to OFMEM and other Ministries.

8

**Causes of Flooding
Urban Flooding**



Toronto 2018
Combined Sewer Backup and Overland Flow

9

Causes of Floods



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1) "Organized" Storms



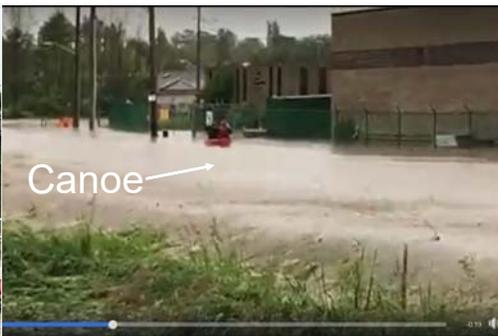
Credit River at Port Credit – Hurricane Hazel

11

2) Thunderstorms



Man
July 8, 2013



Canoeing down Townline Road
at Orangeville STP – June 2017

12

3) Spring Freshet – Feb 22, 2018



Ice

Credit River

4) Ice Jams



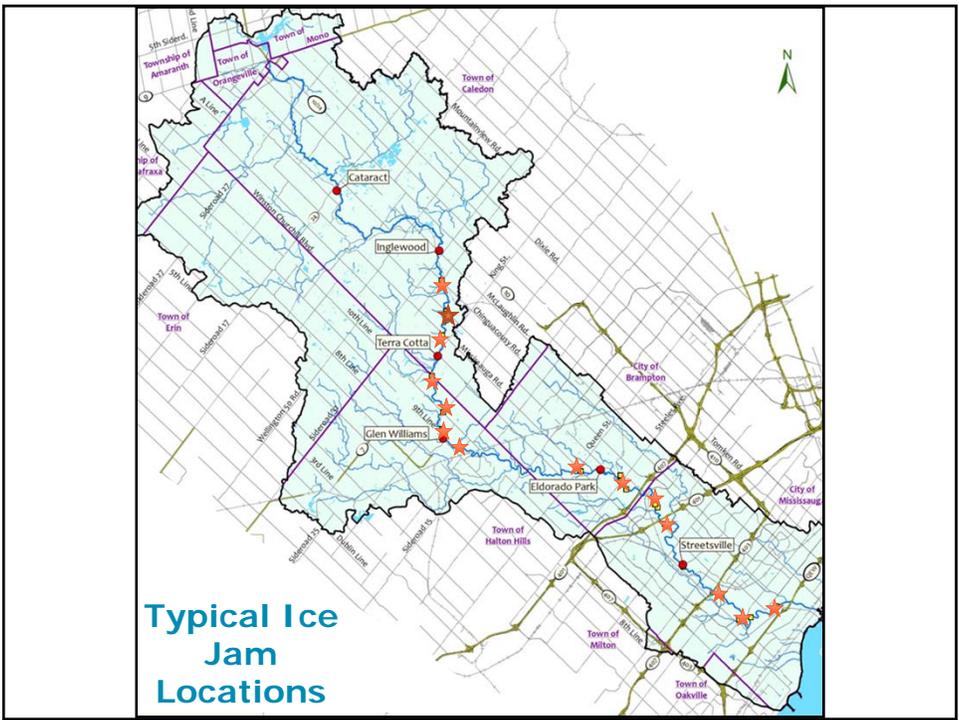
Following the annual ice jams and flooding in Glen Williams, these residents posed in their laneway along the main street. The F.R. Construction and Alteration to Waterways Regulations seek to prevent this type of devastation on flood plains in the Watershed.

4) Ice Jams – Feb 22, 2018

- City of Mississauga conducted sand bagging
- 50 residents in Meadowvale evacuated



15



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Ice Control

Emergency ice blasting in the villages of Meadowvale and Churchville was very successful this year. Unfortunately, however, most of the damage had already occurred. The Churchville Flood Control Project and a 1986 project to remove an obstruction in the river channel in Meadowvale will hopefully provide more permanent solutions at both locations.

Annual ice damage problems at the Mississauga Golf and Country Club are not as straight forward. After three independent investigations in two years, and detailed ice monitoring by the Authority, enough data had been accumulated for staff to prepare the "Preliminary Engineering/Feasibility Report – Ice Damage Reduction – Credit River in the Vicinity of Mississauga Golf and Country Club". This report describes those characteristics of ice formation and breakup which have resulted in \$62,500 in average annual ice damages since 1980. It further partially attributes this jump in annual ice damages to the removal or modifications to three dams located further upstream in 1979 and 1980 and to a general decrease in mean winter temperatures.

The recommended solution to reducing ice problems at the Mississauga Golf and Country Club is to store ice floes discharging from further upstream, upstream of Dundas Street.

Late in 1985, the firm of Cumming-Cockburn Associates were awarded a \$40,000 contract to isolate the exact location of the ice control structure and to provide a preliminary engineering design of the ice control structure and ice storage area.



(left to right) Bud Gregory MP, Mississauga News Photographer, Mike Harris, former Minister of Natural Resources and Steve Mueller Greens Chairman view the severe ice damage at the Mississauga Golf and Country Club.

Flood Warning

In 1981, the Authority initiated a program to develop a rainfall – stream flow level – snow accumulation data collection network throughout the watershed. The network was completed this year with the installation of a tipping bucket rain gauge and data logger at the Authority's main office and with the relocation of all four snow data collection sites. There are presently five rainfall/streamflow level, three rainfall only, and three streamflow level only data acquisition stations in operation. Information from each station is collected and stored automatically using telephone connections and the water resources computer. Progress has also been made in the development of the Authority's flood forecast computer model.

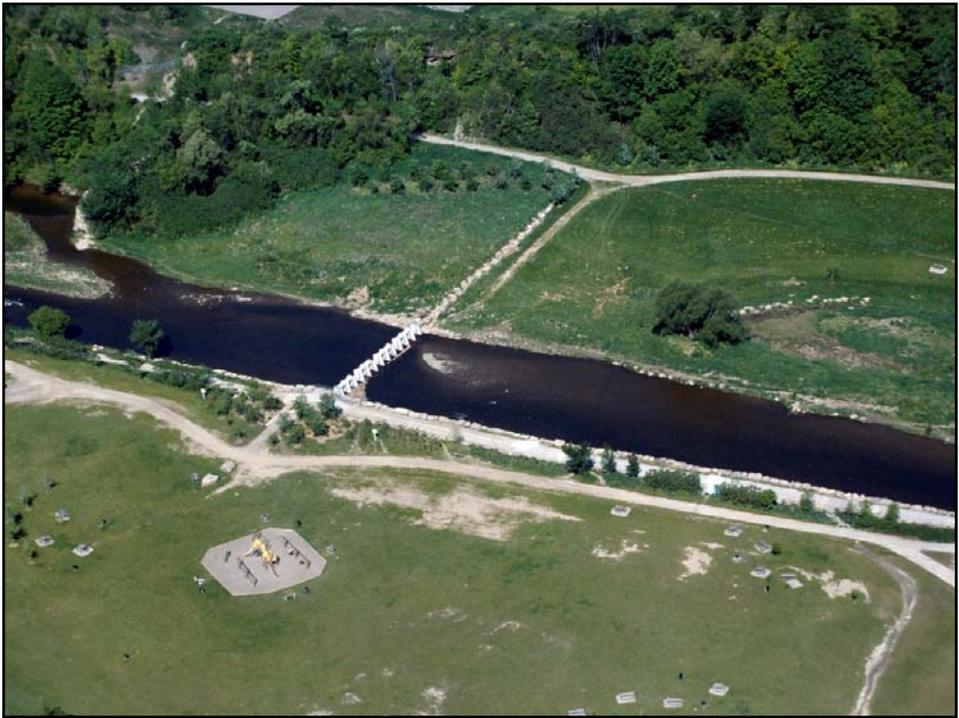
Floodline Mapping

The floodline mapping component of the Federal-Provincial-Authority funded flood damage reduction study is completed.

Floodline maps are available for each of the Authority's 23 flood damage centres in both the reduced 11 inches by 17 inches size and the full map sheet size. Flood flow rates and levels are available for the 5, 10, 25, 50, and 100 year flood return frequencies as well as the regional storm flood event. In addition, the depth of flooding above the lowest opening for each structure within the floodplain, as well as estimated flood damages for same, have been established for each flooding event at each flood damage centre.

As part of an on-going, in-house, program to redefine the floodlines between flood damage centres on the Credit River, the HEC 2 river hydraulic computer model, which is used to calculate backwater levels, has been programmed into the water resources computer.

Things change





19



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5) Dam Failures

- CVC have little to no saying on private dams
- As dams are administered by MNRF under LRIA
- Authority owned dams are being maintained
- CVC owned dams are in compliance with LRIA with plans for breaches
- 400+ dams within CVC jurisdiction, mostly private
- Most private dams are small with minimal risk to flooding



21

5) Dam Failures - June 23, 2017



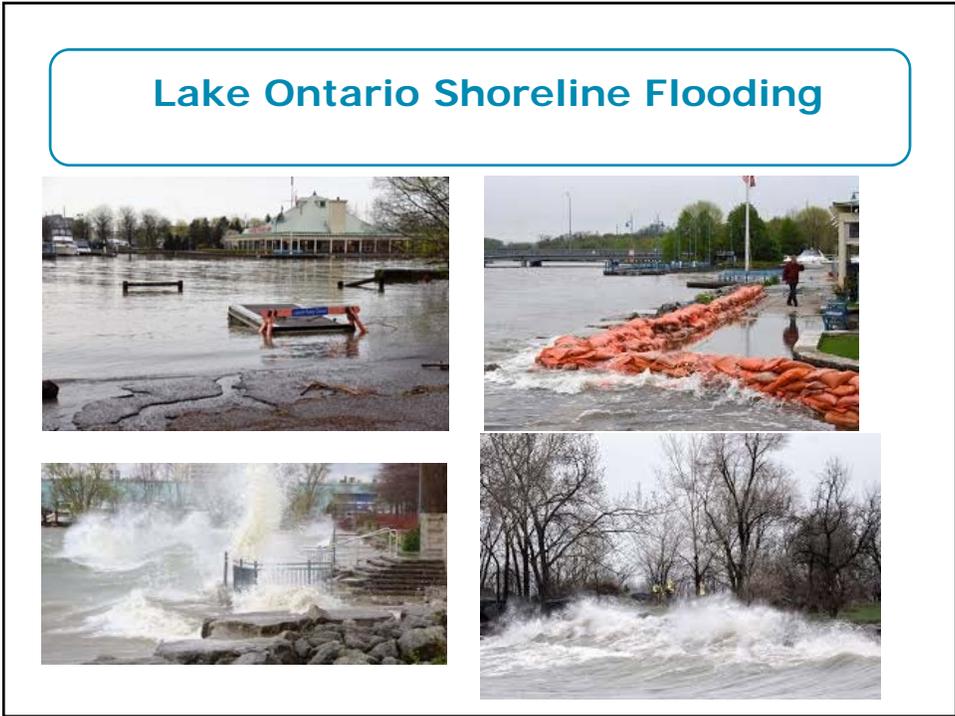
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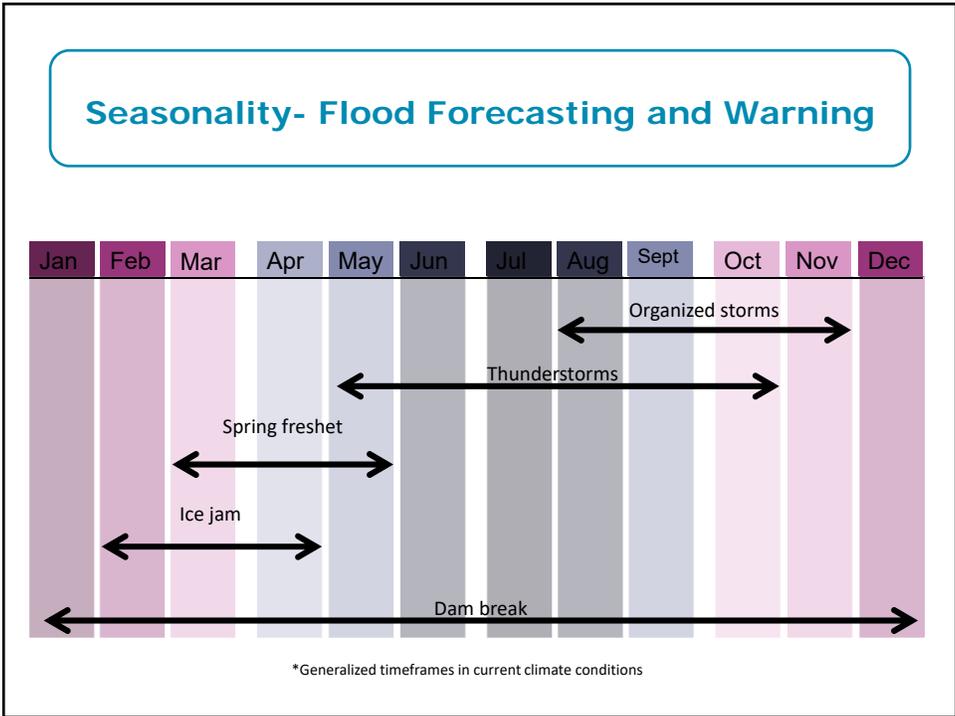
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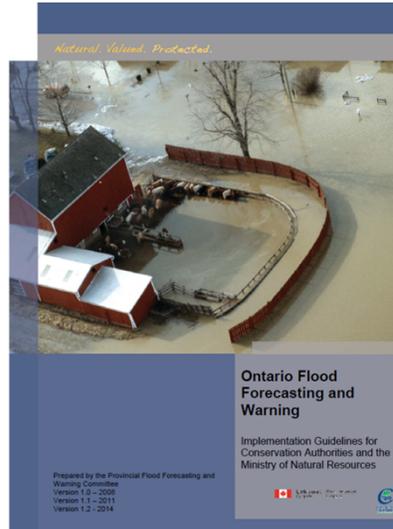


26

Conservation Authorities Roles and Responsibilities

Flood Forecasting and Warning

- CVC's role during a flooding event is to **monitor** watershed conditions and weather forecasts, **predict** waterway and lake conditions, and **communicate** our findings to the public, municipalities and media.
- Based on our watershed knowledge, CVC also **provides technical advice** to municipalities in support of their flood response efforts.



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Conservation Authorities Roles and Responsibilities

- Urban Overland Flooding is not a CA mandate
- CAs cannot declare a Flood Emergency
- CAs are not Emergency Planners or Responders
- CVC does not have any dams that can be operated for flood control
- We do not sandbag (usually)
- We do not clear ice jams (we sometimes used to)

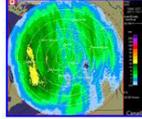


28

FF&W –Before Flood Event The DPC and Flood Duty Officers

Courtesy of:
 Environment
 Canada

24h Accumulation (Rain)



[View Larger Image](#)

Current Radar (Rain)



[View Larger Image](#)

[Goto EC Site](#)

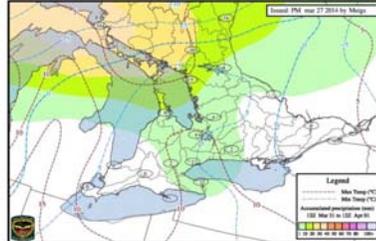


Conduct daily monitoring and flood forecasting through a process called the Daily Planning Cycle

- 24/7/365
- ensure that the components of the daily planning cycle are carried out
- determines the need for messages, and
- is available at all times for contact and consultation by clients and partners



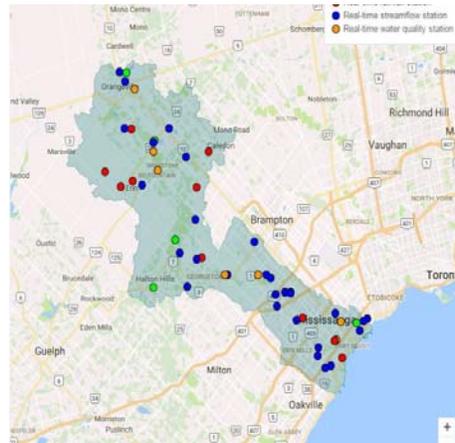
Day 5 Precipitation Forecast



29

Current Real Time Hydrometric Network

- 31 Streamflow gauge stations
- 13 Rainfall gauge stations
- 5 Climate gauge stations
- 11 Water Quality gauge stations



30

FF&W – DPC- Messaging

Flood Messages

There are three levels of flood messages:

- **Watershed Conditions Statement**



- **Flood Watch**



- **Flood Warning**



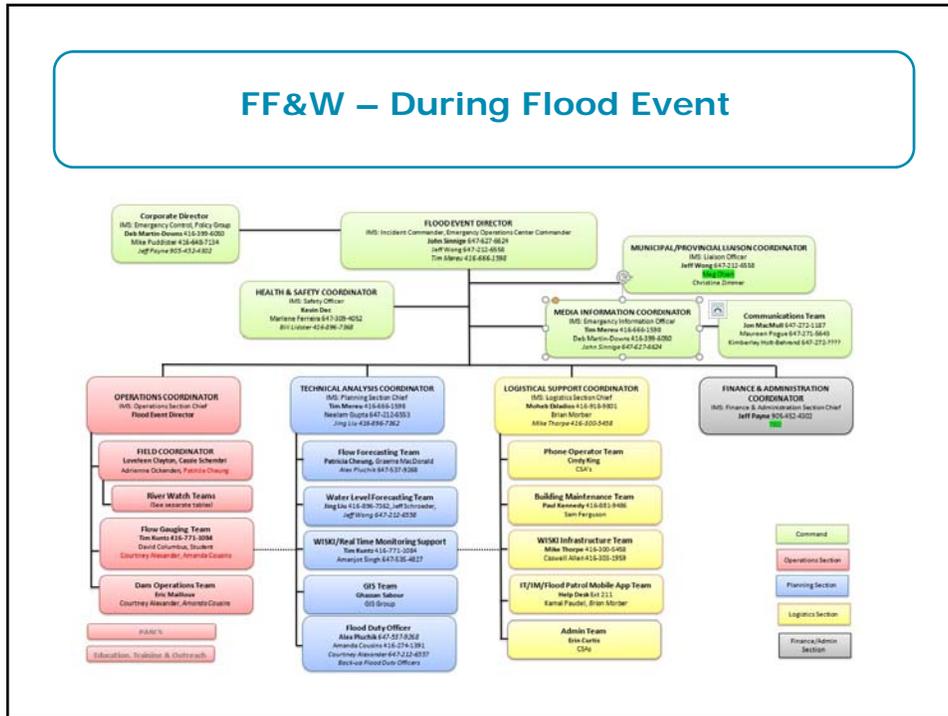
31

FF&W – During Flood Event

- Implement our **Flood Event Operations Center** to provide more resources
- **Continue DPC** - monitor existing conditions, assess potential future conditions and communicate present and future conditions
- Send our **River Watch Teams** (which augment the real time monitoring system) to assess watershed conditions, particularly in flood vulnerable areas
- **Support municipal partners** (particularly Public Works) as required



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33

FF&W – Post Flood Event

- Document what happened
- Verify predictions and models
- Support Municipal Partners to address and learn from observed flooding conditions and causes

- The Public typically has numerous observations, concerns and questions for which they will approach the CVC and their Councilors for answers

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CA Roles and Responsibilities Technical Advisor to Municipalities

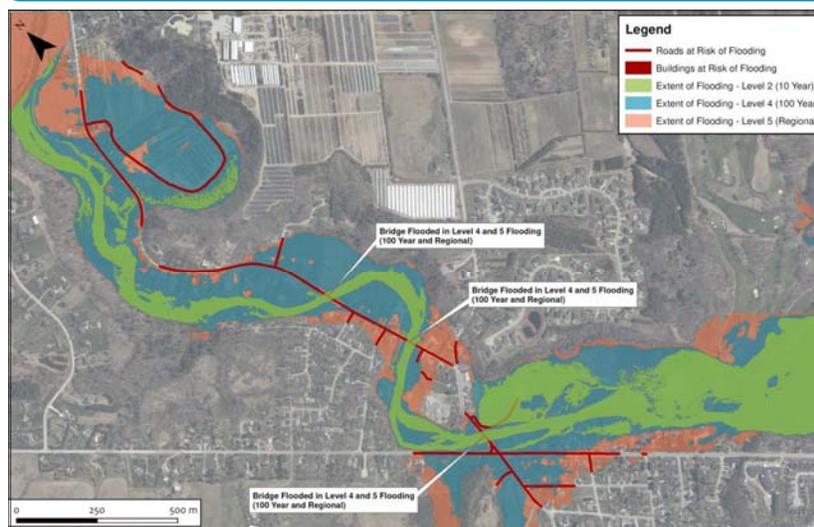
If a Municipality activates their Emergency Operation Center (EOC) due to flooding:

- Participate in Local or Regional Emergency Operation Center (EOC)
- Provide assistance when a municipality applies for Ontario Disaster Relief Assistance Program (ODRAP) funding from the Provincial



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Municipal Flood Response Maps



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