

CHAIR:

N. IANNICCA

MEMBERS:

P. BROWN

G. CARLSON

B. CROMBIE

D. DAMERLA

S. DASKO

G. S. DHILLON

J. DOWNEY

C. FONSECA

P. FORTINI

A. GROVES

J. INNIS

J. KOVAC

M. MAHONEY

S. MCFADDEN

M. MEDEIROS

M. PALLESCHI

C. PARRISH

K. RAS

P. SAITO

R. SANTOS

I. SINCLAIR

R. STARR

A. THOMPSON

P. VICENTE



The Council of the
Regional Municipality of Peel
REVISED AGENDA

Date: Thursday, October 24, 2019

Time: 9:30 AM

Place: Council Chamber, 5th Floor
Regional Administrative Headquarters
10 Peel Centre Drive, Suite A
Brampton, Ontario

For inquiries about this agenda or to make arrangements for accessibility accommodations including alternate formats, please contact:

Christine Thomson at (905) 791-7800, ext. 4582 or at
christine.thomson@peelregion.ca.

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1. **ROLL CALL**

2. **DECLARATIONS OF CONFLICTS OF INTEREST**

3. **APPROVAL OF MINUTES**

3.1. October 10, 2019 Regional Council meeting

4. **APPROVAL OF AGENDA**

5. **CONSENT AGENDA**

6. **DELEGATIONS**

6.1. **Jim Dowell, Consultant Project Manager, WSP and Lukasz Grobel, Project Manager, Ministry of Transportation Ontario**, Providing an Overview of the Public Information Centre Number 2 Materials and Stakeholders' Feedback (Related to 8.1)

6.2. **Juliet Jackson, Board President and Rav Bains, Chief Executive Officer, Peel Children's Aid**, Regarding Child Abuse Prevention Month and Dress Purple Day **(Presentation now available)**

6.3. **Veronica Gallacher, Resident, Town of Caledon**, Regarding the Safety Guidelines and Locations of Cell Towers (Related to 7.1)

6.4. **Shari Lichterman, Director of Recreation, City of Mississauga**, Providing a Status Update on the Malton Community Hub Project (Related to 12.2) **(Presentation now available)**

6.5. **Divya Arora, Co-founder and Miranda Baksh, Co-founder, Climate ChangeHERS**, Providing Information Regarding a Recent and On-going Initiative Based in Peel Region, to Support Climate Action, Environmental Advocacy, and Political Literacy Amongst Youth (Related to 7.4)

6.6. **Smile Shi, Vice-President and Raymond Feng, Administrative Assistant, Al Premium Food Mart**, Regarding the Follow-Up Report on Exemptions Included in the Retail Business Closings By-law (Related to 6.7 to 6.11 inclusive, 14.1 and By-law 61-2019)

6.7. **Andy Wong, Mississauga Chinese Centre**, Regarding Exemptions Included in the Retail Business Closings By-law (Related to 6.6, 6.8 to 6.11 inclusive, 14.1 and By-law 61-2019)

- 6.8. **Natalia Mezhonova, Owner, Blossom Moments Ltd.**, Regarding Square One Statutory Holiday Opening Hours (Related to 6.6, 6.7, 6.9 to 6.11 inclusive, 14.1 and By-law 61-2019)
- 6.9. **David Wojcik, President and Chief Executive Officer, Mississauga Board of Trade**, Regarding Tourism Exemptions (Related to 6.6 to 6.8 inclusive, 6.10, 6.11, 14.1 and By-law 61-2019)
- 6.10. **Peter Thoma, Partner, urbanMetrics**, Regarding the Follow-Up Report on Exemptions Included in the Retail Business Closings By-law (Related to 6.6 to 6.9 inclusive, 6.11, 14.1 and By-law 61-2019)
- 6.11. **Greg Taylor, Director and General Manager, Square One Shopping Centre**, Regarding the Follow-Up Report on Exemptions Included in the Retail Business Closings By-law (Related to 6.6 to 6.10 inclusive, 14.1 and By-law 61-2019)

7. STAFF PRESENTATIONS

- 7.1. Review of Potential Health Effects of Exposure to Radiofrequency Electromagnetic Fields from 5G Wireless Technology (For information) (Related to 6.3)
Presentation by Dr. Jessica Hopkins, Medical Officer of Health
- 7.2. Peel Public Health Strategic Priorities for the Future
Presentation by Dr. Jessica Hopkins, Medical Officer of Health
- 7.3. Sustainable Procurement Program (Related to 7.4 and 7.5)
Presentation by Natasha Rajani, Director, Procurement and Sherry-Ann Besla, Manager, Procurement - Transformation
- 7.4. Climate Change Master Plan (Related to 6.5, 7.3 and 7.5)
Presentation by Christine Tu, Director, Climate Change and Energy Management
- 7.5. Corporate Social Responsibility Strategy Update (For information) (Related to 7.3 and 7.4)

8. ITEMS RELATED TO PUBLIC WORKS

Chaired by Councillor A. Groves or Vice-Chair Councillor P. Fortini

- 8.1. Greater Toronto Area West Transportation Corridor Environmental Assessment Study Update (Related to 6.1)
- 8.2. Burnhamthorpe Water Project, Contract C1/C2, Extension of Existing Engineering and Construction Contracts for the Centreview Sanitary Sewer, City of Mississauga, Wards 3, 4 and 7
- 8.3. *Clean Water Act* Requirements - Amendments to the Assessment Report and Source Protection Plan (Related to 9.1)

- 8.4. Report of the Waste Management Strategic Advisory Committee (WMSAC-3/2019) meeting held on October 3, 2019

9. COMMUNICATIONS

- 9.1. **Jennifer Stephens, Program Manager, Credit Valley – Toronto and Region – Central Lake Ontario (CTC) Source Protection Plan**, Letter dated September 3, 2019, Regarding Amendments to CTC Source Protection Plan and Notification of Consultation Pursuant to Sections 34(2) and 34(3) of the *Clean Water Act*, 2006 and Ontario Regulation 287/07 (Receipt recommended) **(Copies of Attachments 1 to 5 inclusive are available from the Office of the Regional Clerk for viewing)** (Related to 8.3)

10. ITEMS RELATED TO HEALTH

Chaired by Councillor J. Downey or Vice-Chair Councillor D. Damerla

- 10.1. Paramedic Services 2020 Response Time Framework
- 10.2. Ontario Seniors Dental Care Program: Capital Funding Requests

11. COMMUNICATIONS

- 11.1. **Helen Angus, Deputy Minister of Health**, Letter dated October 10, 2019, Providing an Update on Public Health and Emergency Health Services Modernization (Receipt recommended)

12. ITEMS RELATED TO HUMAN SERVICES

Chaired by Councillor M. Medeiros or Vice-Chair Councillor G.S. Dhillon

- 12.1. The Region of Peel's Role in Community Hubs (For information) (Related to 12.2)
- 12.2. Malton Community Hub Status Update (For information) (Related to 6.4 and 12.1)
- 12.3. Accessing Capital/Infrastructure Subsidy

13. COMMUNICATIONS

14. ITEMS RELATED TO PLANNING AND GROWTH MANAGEMENT

Chaired by Councillor M. Palleschi or Vice-Chair Councillor A. Thompson

- 14.1. Follow-up Report Regarding Exemptions Included in the Retail Business Closings By-law (Related to 6.6 to 6.11 inclusive and By-law 61-2019)

15. COMMUNICATIONS

- 15.1. **Ala Boyd, Acting Director, Natural Resources Conservation Policy Branch, Policy Division, Ministry of Natural Resources and Forestry**, Email dated September 20, 2019, Regarding the Proposed Changes to the *Aggregate Resources Act* (Receipt recommended)

16. ITEMS RELATED TO ENTERPRISE PROGRAMS AND SERVICES

Chaired by Councillor C. Fonseca or Vice-Chair Councillor K. Ras

- 16.1. Transfer of Region of Peel Federal Gas Tax Surplus Administration Funds Allocation – 2019 (Related to By-law 62-2019)
- 16.2. Request for Development Charge Relief - Brampton Triveni Community Centre
- 16.3. United Nations University Regional Centre of Expertise
- 16.4. Report of the Debt Issuance Committee (DEBT-2/2019) meeting held on October 10, 2019

17. COMMUNICATIONS

- 17.1. **Robert Serpe, Executive Director, The Regional Municipality of Peel Police Services Board**, Letter dated October 1, 2019, Providing a Copy of the 2019 VCOM Group Annual Report (Receipt recommended)

18. OTHER BUSINESS

19. NOTICE OF MOTION/MOTION

20. BY-LAWS

Three Readings

By-law 61-2019: A by-law to amend By-law 34-2018, being a by-law passed under Section 1.2 of the *Retail Business Holidays Act* providing that the Act does not apply to The Regional Municipality of Peel and under Section 148 of the *Municipal Act, 2001* to regulate closing of business establishments within The Regional Municipality of Peel on a holiday. (Related to 6.6 to 6.11 inclusive and 14.1)

By-law 62-2019: A by-law to allocate federal gas tax surplus administration funds to the City of Brampton, the City of Mississauga and the Town of Caledon for the year 2019. (Related to 16.1)

21. IN CAMERA MATTERS

- 21.1. October 10, 2019 Regional Council Closed Session Report
- 21.2. Employment Services Transformation (A position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the municipality or local board) **(Deferred from the October 10, 2019 Regional Council meeting)**
- 21.3. Commencement of Expropriation Proceedings – Regional Road 14 (Mayfield Road) Widening from west of Chinguacousy Road to the West Side of Hurontario Street – City of Brampton, Wards 2 and 6 and Town of Caledon, Ward 2 (A proposed or pending acquisition or disposition of land by the municipality or local Board)
- 21.4. Potential Purchase of Lands for Trail and Other Purposes (A proposed or pending acquisition or disposition of land by the municipality or local board)

22. BY-LAWS RELATING TO IN CAMERA MATTERS

By-law 63-2019

23. BY-LAW TO CONFIRM THE PROCEEDINGS OF COUNCIL

24. ADJOURNMENT



**THE COUNCIL OF
THE REGIONAL MUNICIPALITY OF PEEL
October 10, 2019**

Acting Regional Chair Palleschi called the meeting of Regional Council to order at 9:32 a.m. in the Council Chamber, Regional Administrative Headquarters, 10 Peel Centre Drive, Suite A, Brampton.

1. ROLL CALL

Members Present:

G. Carlson	S. McFadden
B. Crombie*	M. Medeiros
D. Damerla*	M. Palleschi
S. Dasko	C. Parrish*
G. Dhillon	K. Ras
J. Downey	P. Saito
C. Fonseca	I. Sinclair
A. Groves	R. Starr
J. Innis	A. Thompson
J. Kovac	P. Vicente
M. Mahoney	

Members Absent:

P. Brown	Due to other municipal business
P. Fortini	Due to personal matters
N. Iannicca	Due to other municipal business
R. Santos	Due to other municipal business

Also Present: N. Polsinelli, Interim Chief Administrative Officer; C. Matheson, Commissioner of Corporate Services; S. VanOfwegen, Commissioner of Finance and Chief Financial Officer; S. Baird, Commissioner of Digital and Information Services; P. O'Connor, Regional Solicitor; A. Smith, Acting Chief Planner; A. Farr, Acting Commissioner of Public Works; J. Sheehy, Commissioner of Human Services; C. Granger, Acting Commissioner of Health Services; Dr. J. Hopkins, Medical Officer of Health; K. Lockyer, Regional Clerk and Director of Legal Services; C. Thomson, Legislative Specialist; S. Valteau, Legislative Technical Coordinator; H. Gill, Legislative Specialist; R. Khan, Legislative Technical Coordinator

* See text for arrivals

◆ See text for departures

★ Denotes alternate member

Acting Regional Chair Palleschi opened the October 10, 2019 Regional Council meeting with the following acknowledgement:

We would like to begin by acknowledging that the land on which we gather, and on which the Region of Peel operates, is part of the Treaty Lands and Territory of the Mississaugas of the New Credit. Peel Region – the traditional territory of the Anishinabek (Ojibway), Huron-Wendat, Haudenosaunee (Iroquois), and home to the Métis, was most recently, the territory of the Mississaugas of the New Credit First Nation.

On this day our meeting place is still occupied by many Indigenous peoples (i.e. First Nations, Métis and Inuit) from across Turtle Island (North America). We are grateful to have the opportunity to work on this land, and by doing so, we give our respect to its first inhabitants.

2. DECLARATIONS OF CONFLICTS OF INTEREST - Nil

3. APPROVAL OF MINUTES

3.1. September 26, 2019 Regional Council meeting

Moved by Councillor Thompson,
Seconded by Councillor Starr;

That the minutes of the September 26, 2019 Regional Council meeting be approved.

Carried 2019-883

4. APPROVAL OF AGENDA

Moved by Councillor Kovac,
Seconded by Councillor Groves;

That the agenda for the October 10, 2019 Regional Council meeting include a delegation regarding Regional Council's consideration of a motion denouncing Quebec's Bill 21;

And further, that the agenda for the October 10, 2019 Regional Council meeting include an in camera communication regarding a Litigation or potential litigation, including matters before administrative tribunals; and, advice that is subject to solicitor-client privilege, including communications necessary for the purpose, to be dealt with under In Camera Matters – Item 21.8;

And further, that the agenda for the October 10, 2019 Regional Council meeting be approved, as amended.

Carried 2019-884

5. CONSENT AGENDA

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That the following matters listed on the October 10, 2019 Regional Council Agenda be approved under the Consent Agenda: Items 11.1, 11.2, 12.2, 14.3, 14.4, 21.1, 21.2, 21.3, 21.5, 21.8

In Favour	G. Carlson; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; K. Ras; P. Saito; I. Sinclair; A. Thompson; P. Vicente	Total 17
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; B. Crombie; D. Damerla; P. Fortini; C. Parrish; R. Santos; R. Starr	7

Carried 2019-885

Councillor Crombie arrived at 9:41 a.m.

RESOLUTIONS AS A RESULT OF THE CONSENT AGENDA

11.1. **Todd Smith, Minister, Children, Community and Social Services**, Letter dated September 19, 2019, Regarding Municipal Impacts for Changes to the Ontario Works Service Delivery Model, Social Services and Roundtable Discussions for Human Trafficking

Received 2019-886

11.2. **Rod Phillips, Minister of Finance**, Letter dated September 27, 2019, Regarding the Region of Peel Delegation at the 2019 Association of Municipalities of Ontario Conference

Received 2019-887

12.2. **Comments on the Proposed Regulatory Changes for the *More Homes, More Choices Act***

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That the comments outlined in the joint report of the Acting Commissioner of Public Works; the Commissioner of Human Services; and, the Commissioner of Finance and Chief Financial Officer, titled "Comments on the Proposed Regulatory Changes for the *More Homes, More Choices Act*" and also contained in Appendices I to IV of the subject report, be endorsed.

Carried 2019-888

14.3. **Report of the Region of Peel Accessibility Advisory Committee (AAC-4/2019) meeting held on September 19, 2019**

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That the report of the Report of the Region of Peel Accessibility Advisory Committee (AAC-4/2019) meeting held on September 19, 2019 be adopted.

Carried 2019-889

1. CALL TO ORDER

2. DECLARATIONS OF CONFLICTS OF INTEREST – Nil

3. APPROVAL OF AGENDA

RECOMMENDATION AAC-10-2019:

That the agenda for the September 19, 2019, Region of Peel Accessibility Advisory Committee meeting be approved.

Approved 2019-890

4. DELEGATIONS – Nil

5. **REPORTS**

5.1. **Guideline for Rest Areas Along Exterior Paths of Travel**

Presentation by Richa Dave, Principal Planner and Tracy Tang, Junior Planner, Strategic Policy and Projects, Transportation Division

Received 2019-891

Related to Resolution 2019-892

RECOMMENDATION AAC-11-2019:

That the Guideline for Rest Areas along Exterior Paths of Travel attached as Appendix I to the report of the Acting Commissioner of Public Works titled "Guideline for Rest Areas Along Exterior Paths of Travel", be endorsed;

And further, that staff be directed to use the subject Guideline during the construction or reconstruction of exterior paths of travel projects;

And further, that a copy of the subject report be forwarded to the local municipalities for their information.

Approved 2019-892

Related to Resolution 2019-891

5.2. **Housing and Homelessness Service Transformation: Update**

Presentation by Grace Caron, Program Director, Housing and Homelessness Transformation

Received 2019-893

5.3. **TransHelp Update (Oral)**

Presentation by Mark Castro, Acting Director, TransHelp

Received 2019-894

5.4. **Accessibility Design Features in Affordable Housing (Oral)**

Presentation by Brett Barnes, Portfolio Manager, Housing Development Office

Received 2019-895

- 5.5. **2019 Accessibility Compliance Report - Ministry for Seniors and Accessibility**

Received 2019-896

- 5.6. **Accessibility Planning Program Update - September 19, 2019**

Received 2019-897

6. COMMUNICATIONS

- 6.1. **Mazin Aribi, 2019 Chair, Advisory Committee on Accessible Transit, Email dated August 29, 2019, Regarding GTHA Accessibility Advisory Committee (GTHA AAC) Joint Meeting Minutes**

Received 2019-898

- 14.4. **Report of the Audit and Risk Committee (ARC-4/2019) meeting held on September 19, 2019**

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That the report of the Report of the Audit and Risk Committee (ARC-4/2019) meeting held on September 19, 2019 be adopted.

Carried 2019-899

Related to Resolutions 2019-917 and 2019-919

1. **DECLARATIONS OF CONFLICTS OF INTEREST - Nil**

2. **APPROVAL OF AGENDA**

RECOMMENDATION ARC-10-2019:

That the agenda for the September 19, 2019 Audit and Risk Committee meeting, be approved.

Approved 2019-900

3. **DELEGATIONS - Nil**

4. REPORTS

4.1. Driver Certification Program Audit

Received 2019-901

4.2. Common Risks and Opportunities-Analysis of Internal Audit Reports 2015-2018

Presentation by Michelle Morris, Director, Enterprise Risk and Audit Services and Jennifer Weinman, Manager, Enterprise Audit Services

Received 2019-902

4.3. Corporate Risk Profile

Presentation by Michelle Morris, Director, Enterprise Risk and Audit Services and Anila Lalani, Advisor, Enterprise Risk Management

Received 2019-903

Related to Resolution 2019-904

RECOMMENDATION ARC-11-2019:

That the Region of Peel's Corporate Risk Profile as described in the report of the Director, Enterprise Risk and Audit Services, titled "Corporate Risk Profile", be endorsed;

And further, that the subject report and presentation be referred to the October 10, 2019 Regional Council meeting for approval.

Approved 2019-904

Related to Resolution 2019-903

4.4. Establishing a Treasury Risk Appetite Framework

Presentation by Julie Pittini, Director, Treasury Services and Tony Liu, Manager, Treasury Operations

Received 2019-905

Related to Resolution 2019-906

RECOMMENDATION ARC-12-2019:

That the Region of Peel Treasury Risk Appetite Framework as described in the report of the Commissioner of Finance and Chief Financial Officer, titled “Establishing a Treasury Risk Appetite Framework”, be endorsed;

And further, that the subject report and presentation be referred to the October 10, 2019 Regional Council meeting for approval.

Approved 2019-906

Related to Resolution 2019-905

Council opted not to move into closed session to consider the following matters:

- 21.1. **Terri LeRoux, Senior Manager Property, Assets, Recreation and Conservation Services (PARCS) and Eric Baldin, Manager, Land Planning and Management, Credit Valley Conservation Regarding Funding Request for Credit Valley Conservation Land Acquisition Project Proposal, Town of Caledon, Ward 1 (A proposed or pending acquisition or disposition of land by the municipality or local board)**

This delegation was not heard.

- 21.2. **September 26, 2019 Regional Council Closed Session Report**

Received 2019-907

- 21.3. **Funding Request for Credit Valley Conservation Land Acquisition Project Proposal, Town of Caledon, Ward 1 (A proposed or pending acquisition or disposition of land by the municipality or local board)**

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That The Regional Municipality of Peel (the “Region”) provide an amount of \$665,000 to the Credit Valley Conservation (the “CVC”) to cover 70 percent of eligible land value associated with CVC’s proposed purchase of the Flaherty West (Capstone) property legally described as Part of Lot 16, Concession 3 West of Hurontario Street, Town of Caledon (formerly Township of Caledon), Regional Municipality of Peel (approximately 17.7 hectares) in accordance with the Greenlands Securement Program (the “Program”) Implementation Guidelines (the “Guidelines”) and the Greenlands Securement Agreement (the “Agreement”) between the Region and CVC dated March 9, 2018;

And further, that the Region provide CVC with additional funding in the estimated amount of \$63,500 to fund 70 percent of eligible securement costs, including costs related to market value appraisal, legal fees, survey, Phase 1 Environmental

Site Assessment, and potential Phase 2 Environmental Site Assessment and Record of Site Condition, if required;

And further, that CVC be requested to complete all requirements for funding as outlined in the Guidelines and as described within the in camera report of the Acting Commissioner of Public Works, titled "Funding Request for Credit Valley Conservation Land Acquisition Project Proposal, Town of Caledon, Ward 1";

And further, that the Acting Commissioner of Public Works be directed to confirm and disburse the final amount of funding once all Program requirements have been met in accordance with the Guidelines and Agreement between the Region and CVC to the Region's reasonable satisfaction;

And further, that the funds for the acquisition be provided from the Greenlands Securement Capital Project Number 18-3310;

And further, that should the CVC dispose of any portion of the lands acquired, that the Region of Peel be paid a portion of the sale proceeds proportional to the Region's total contribution towards the total cost of acquiring the property as outlined within the Guidelines and the Agreement;

And further, that the said proceeds from the sale of the acquired lands be returned to the Greenlands Securement Capital Project.

Carried 2019-908

21.5. **Payment of Compensation Pursuant to the Expropriations Act, R.S.O. 1990, c. E.26, Regional Road 6 (Queen Street West) Widening from Regional Road 1 (Mississauga Road) to Chinguacousy Road - City of Brampton, Ward 4 (A proposed or pending acquisition or disposition of land by the municipality or local board)**

Moved by Councillor Ras,
Seconded by Councillor Thompson;

That The Regional Municipality of Peel enter into a Full and Final Settlement and Release with Tina Louise Wilson, for a full and final settlement and release of all claims arising from the expropriation of the following interests in land:

- Fee Simple interest in the lands described as Part of Lot 5, Concession 3 West of Hurontario Street, City of Brampton (formerly Township of Chinguacousy), Regional Municipality of Peel, designated as Part 1 on Expropriation Plan PR2224187;
- Permanent Easement interest in the lands described as Part of Lot 5, Concession 3 West of Hurontario Street, City of Brampton (formerly Township of Chinguacousy), Regional Municipality of Peel, designated as Parts 2 and 3 on Expropriation Plan PR2224187;

- Temporary Easement interest in the lands described as Part of Lot 5, Concession 3 West of Hurontario Street, City of Brampton (formerly Township of Chinguacousy), Regional Municipality of Peel, designated as Parts 3 and 4 on Expropriation Plan PR2224187;

And further, that the funds be financed from Capital Project 05-4045.

Carried 2019-909

- 21.8. **Litigation or potential litigation, including matters before administrative tribunals; and, advice that is subject to solicitor-client privilege, including communications necessary for the purpose**

Received 2019-910

AGENDA ITEMS SUBJECT TO DISCUSSION AND DEBATE

6. DELEGATIONS

- 6.1. **Celestino Uyarak, Mayor; Joanna Quassa, Councillor; Greg Morash, Senior Administrative Officer; John Prno, Former Chief, Emergency Services, Waterloo; Igloolik, Nunavut; and Simon Qingnaqtuq, Mayor, Taloyak, To Express Thanks for the Region of Peel's Donation of Ambulances in August 2019**

Received 2019-911

Councillor Parrish arrived at 9:46 a.m.
Councillor Damerla arrived at 9:55 a.m.

Peter Dundas, Chief, Peel Paramedic Services, described the process undertaken by Region of Peel staff for the donation of ambulances to communities in Nunavut, which involved getting the ambulances ready and preparing them with equipment. Peel Paramedic staff drove the ambulances to a shipping yard in Quebec where the ambulances were loaded onto a ship for a five week journey to Nunavut. Paramedic staff also produced a YouTube video to demonstrate how to operate the various features in the ambulances. Four communities in Nunavut now have retired Peel Region Paramedic Services ambulances and there are plans to send more next year.

Celestino Uyarak, Mayor, Igloolik, Nunavut, expressed appreciation to Regional Council and Peel Region Paramedic Services, on behalf of the Igloolik community for the donation of an ambulance. He described the community's excitement upon the arrival of the ambulance and stated that patients feel safe being transported in a vehicle that protects them from the extremely cold weather conditions compared to pickup trucks that were being used.

Simon Quingnaqtuq, Mayor, Taloyak, stated his pride that Taloyak is one of the first four communities in Nunavut to receive an ambulance and he thanked the Region of Peel for the donation.

Greg Morash, Senior Administrative Officer, Igloolik, relayed that when the donated ambulance arrived in Igloolik, it was to be used in an emergency mock plane crash exercise; however, instead it was being used for a medical emergency involving a premature birth. Both mother and baby are now stable and the outcome may not have been as positive without access to the ambulance.

Joanna Quassa, Councillor, Igloolik, presented the Region of Peel with a framed drawing, painted by her nephew as an expression of appreciation for the donation of ambulances.

Several Members of Regional Council welcomed the delegates to the Region of Peel and commended Peel Region Paramedic staff for utilizing retired equipment in such a positive way.

Councillor Ras stated that she would prepare a motion for consideration at the next meeting of Regional Council to request the Association of Municipalities of Ontario to encourage other municipalities to donate surplus or retired equipment to northern communities.

- 6.2. **Sharanjeet Kaur, Vice President, Ontario, World Sikh Organization of Canada,**
Regarding Regional Council's Consideration of a Motion Denouncing Quebec's Bill
21

Received 2019-912

Related to Resolutions 2019-913, 2019-914 and 2019-915

Sharanjeet Kaur, Vice President, Ontario, World Sikh Organization of Canada, expressed concern that Bill 21 enacted by the Province of Quebec restricts the wearing of religious symbols in public-sector jobs. Bill 21 normalizes a sense of mistrust for those who look different and forces the Sikh and other communities to choose between employment and faith. She urged Regional Council to adopt the motion listed as item 19.1 on the October 10, 2019 Regional Council agenda as an opportunity to take a stand against a law that creates a space for intolerance.

- 6.3. **Gurpartap Singh Toor, Regional Board Member, World Sikh Organization,**
Regarding Regional Council's Consideration of a Motion Denouncing Quebec's Bill
21

Received 2019-913

Related to Resolutions 2019-912, 2019-914 and 2019-915

Gurpartap Singh Toor, Regional Board Member, World Sikh Organization, stated that Bill 21 enacted by the Province of Quebec reinforces systemic racism and discrimination in Canada.

He thanked Reginal Council for its consideration of the motion listed as item 19.1 on the October 10, 2019 Regional Council, to stand in solidarity with all Canadians.

Added Item 6.4.

- 6.4. **Nadia Hasan, Deputy Director, and Fatima Sajan, Manager, Community Engagement, National Council of Canadian Muslims,** Regarding Regional Council's Consideration of a Motion Denouncing Quebec's Bill 21

Received 2019-914

Related to Resolutions 2019-912, 2019-914 and 2019-915

Nadia Hasan, Deputy Director, and Fatima Sajan, Manager, Community Engagement, National Council of Canadian Muslims, stated that Bill 21 enacted by the Province of Quebec legalizes discrimination and second-class citizenship. The National Council of Canadian Muslims is calling upon all elected officials across Canada to take a position that upholds the constitutional rights of Canadians and supports individual and religious freedoms.

Item 19.1 was dealt with.

- 19.1. **Motion Denouncing Quebec's Bill 21**

Moved by Councillor Dhillon,
Seconded by Councillor Downey;

Whereas in 2019 the Province of Quebec enacted Bill 21 (An Act Respecting the Laicity of the State) which prohibits public servants from wearing religious symbols in the exercise of their public service functions, including turbans, hijabs, yarmulke, the cross and many others;

And whereas, the Region of Peel is a multicultural, socially diverse, and inclusive regional municipality that is home to many different faiths, religions, genders, languages, and cultures;

And whereas, the wearing of signs or clothing as a religious symbol is a fundamental right in the exercise of "freedom of thought, conscience and religion," as written in Article 18 of the Universal Declaration of Human Rights;

And whereas, freedom of religion in Canada is protected by the Canadian Charter of Rights and Freedoms and the *Canadian Human Rights Act*;

And whereas, the Region of Peel stands firmly to support religious freedom as this is aligned with the Canadian Charter of Rights and Freedoms;

And whereas, government has an important role in protecting our shared values of tolerance and diversity;

And whereas, a secular and religiously neutral state is achieved by treating all citizens fairly through unbiased governance structures that do not favour one religion over another;

And whereas, forcing citizens to abandon certain cultural and religious practices will create an environment that fosters intolerance and inequity;

And whereas, Bill 21 is a divisive law that perpetuates exclusion, discrimination, and class division by increasing systematic barriers to employment for religious groups;

And whereas, The National Council of Canadian Muslims (NCCM), the Canadian Civil Liberties Association (CCLA), the World Sikh Organization (WSO) and others have initiated a constitutional challenge against Bill 21;

And whereas, the Region of Peel is a member of UNESCO's Coalition of Inclusive Municipalities and is a signatory of the Canadian Coalition of Municipalities Against Racism and Discrimination;

And whereas, the Region of Peel is a welcoming community and provides countless opportunities to people from across Canada and the world;

And whereas, the City of Calgary recently passed a resolution to support a nationwide initiative with the Canadian Coalition of Municipalities Against Racism and Discrimination to addresses the harms of Bill 21, and its impact to the unity, reputation and wellbeing of Canada;

And whereas, Bill 21 has raised concerns with Canadians across the country and is a matter of national importance;

Therefore be it resolved, that Regional Council opposes Quebec's Bill 21 and continues to support building a welcoming Canada and a welcoming Region of Peel where everyone has access to opportunity and prosperity;

And further, that Regional Council endorses the initiative proposed by Calgary City Council in conjunction with the Canadian Coalition of Municipalities Against Racism and Discrimination, that addresses the harms of Bill 21, and its impact to the unity, reputation and wellbeing of Canada;

And further, Regional Council encourages all federal political parties to commit in their election platforms to challenge Bill 21 should they form the next federal government;

And further, that a copy of this resolution be sent to the Federation of Canadian Municipalities and the Association of Municipalities of Ontario.

In Favour	G. Carlson; B. Crombie; D. Damerla; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 21
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; P. Fortini; R. Santos	3

Carried 2019-915

Related to Resolutions 2019-912, 2019-913 and 2019-914

Councillor Dhillon stated that it is critical for the Region of Peel to stand united with those Canadians whose lives are impacted by Bill 21, noting that the motion before Council officially positions the Region of Peel as a leader in speaking against the Bill.

Several Members of Regional Council highlighted the need to send a strong message to the Province of Quebec that Canada is built on diversity and that Bill 21 is un-Canadian and thanked Councillor Dhillon for bringing the motion to the Regional Council Meeting.

Councillor Thompson requested that the motion be forwarded to the Federation of Canadian Municipalities and the Association of Municipalities of Ontario.

7. STAFF PRESENTATIONS

7.1. Corporate Risk Profile

Presentation by Michelle Morris, Director, Enterprise Risk and Audit Services and Anila Lalani, Advisor, Enterprise Risk Management

Received 2019-916

Related to Resolutions 2019-917 and 2019-899

Moved by Councillor Ras,
Seconded by Councillor Starr;

That the Region of Peel's Corporate Risk Profile as described in the report of the Director, Enterprise Risk and Audit Services, titled "Corporate Risk Profile", be endorsed.

In Favour	G. Carlson; D. Damerla; S. Dasko; J. Downey; C. Fonseca; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 18
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; B. Crombie; G. Dhillon; P. Fortini; A. Groves; R. Santos	6

Carried 2019-917

Related to Resolutions 2019-916 and 2019-899

Michelle Morris, Director, Enterprise Risk and Audit Services, and Anila Lalani, Advisor, Enterprise Risk Management, provided an overview of the Region’s Corporate Risk Profile (the Profile) including the definition of Corporate Risk; risks that were realized over the past year such as social cohesion and intolerance, changing government policies, negative publicity and cyber-attacks; and, the Climate Change interconnectivity risk. Michelle Morris noted that the next steps would include continued monitoring of corporate risks, reporting back annually and the continued use of the Risk Profile as a decision-making tool.

7.2. **Establishing a Treasury Risk Framework**

Presentation by Julie Pittini, Director, Treasury Services

Received 2019-918

Related to Resolutions 2019-919 and 2019-899

Moved by Councillor Starr,
Seconded by Councillor Ras;

That the Region of Peel Treasury Risk Appetite Framework as described in the report of the Commissioner of Finance and Chief Financial Officer, titled “Establishing a Treasury Risk Appetite Framework”, be endorsed.

In Favour	G. Carlson; B. Crombie; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 20
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; D. Damerla; P. Fortini; R. Santos	4

Carried 2019-919

Related to Resolutions 2019-918 and 2019-899

Julie Pittini, Director, Treasury Services, and Tony Liu, Manager, Treasury Operations, provided an overview of the proposed Treasury Risk Appetite Framework including the Region's Treasury governance model, strategic objectives, definition of risk appetite, review of treasury risks with respect to investments and borrowing activities, definition of risk tolerance, and review of the cash management strategy achievements.

Item 14.1 was dealt with.

14.1. Investment Goals and Policies

Moved by Councillor Starr,
Seconded by Councillor Ras;

That the proposed amended Investment Goals and Policies attached as Appendix I to the report of the Commissioner of Finance and Chief Financial Officer, titled "2019 Investment Goals and Policies", be approved.

In Favour	G. Carlson; B. Crombie; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 20
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; D. Damerla; P. Fortini; R. Santos	4

Carried 2019-920

7.3. **EarlyON Child and Family Programs: Update on the Implementation of Service Delivery Model**

Presentation by Suzanne Finn, Director, Early Years and Child Care Services and Nakiema Palmer, Manager, Early Years and Child Care Services

Received 2019-921

Suzanne Finn, Director, and Nakiema Palmer, Manager, Early Years and Child Care Services, highlighted 2019 achievements with respect to the implementation of the EarlyOn Child and Family Programs Service Delivery Model and continued Regional investments planned for 2020, which include additional program hours and ten new EarlyOn centres.

In response to a question from Councillor Saito, Janice Sheehy, Commissioner of Human Services, stated that the rent charged by the school boards for the EarlyOn Centres located in schools is minimal and that staff will report back to Regional Council should there be a significant increase to the rental fees.

8. **ITEMS RELATED TO HEALTH**

Chaired by Councillor J. Downey

8.1. **Public Health Transformation Update**

Received 2019-922

Related to Resolutions 2019-923 and 2019-924

Dr. Jessica Hopkins, Medical Officer of Health, advised that the Ministry of Health has announced the appointment of Jim Pine as the Advisor on modernizing Public Health and Emergency Health Services and the Ministry has recommitted to consult with municipalities and partners in public health and emergency health services.

Staff recommend that the #CutsHurtHealth campaign be paused until more information from the Advisor is available.

Items 14.2 and 18.1 were dealt with.

14.2. **Update on the Paramedic and Public Health #CutsHurtHealth Campaign**

Moved by Councillor Thompson,
Seconded by Councillor Ras;

That the #CutsHurtHealth campaign be suspended until more information is received from the Provincial Advisor on the consultation process;

And further, that the #CutsHurtHealth campaign that highlights provincial cuts to Paramedic Services, be suspended.

In Favour	G. Carlson; D. Damerla; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 19
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; B. Crombie; P. Fortini; S. McFadden; R. Santos	5

Carried 2019-923

Related to Resolutions 2019-922 and 2019-924

- 18.1. **Provincial Public Health Modernization – Updates from The Ministry of Health on Funding Assumptions for 2020**

Received 2019-924

Related to Resolutions 2019-922 and 2019-923

9. COMMUNICATIONS - Nil

10. ITEMS RELATED TO HUMAN SERVICES

Chaired by Councillor M. Medeiros

10.1. Update on the Affordable Transit Program

Referred to staff for report to a Regional Council 2020 Budget meeting 2019-925

At the request of Councillor Saito, the Commissioner of Human Services undertook to investigate whether the process of issuing bus tickets for some programs and the use of Presto Cards for other programs could be streamlined.

Councillor Vicente suggested that new applications to the Affordable Transit Program should not be capped effective January 1, 2020.

Councillor Saito requested that staff report to a Regional Council Budget meeting illustrating how funds spent on the Affordable Transit Program saves money from other services, and include details of the impact of capping versus not capping applications on the 2020 budget.

11. COMMUNICATIONS

These items were dealt with under the Consent Agenda.

12. ITEMS RELATED TO PLANNING AND GROWTH MANAGEMENT

Chaired by Vice-Chair Councillor A. Thompson

12.1. Comments on Proposed Changes to the Provincial Policy Statement, 2014

Moved by Councillor Thompson,
Seconded by Councillor Sinclair;

That the comments outlined in the report of the Acting Commissioner of Public Works titled “Comments on Proposed Changes to the Provincial Policy Statement, 2014” and contained in Appendix I to the subject report “Response Letter to the Province with Detailed Comments on the Proposed Provincial Policy Statement, 2019”, be endorsed;

And further, that a copy of the subject report be forwarded to the City of Brampton, the Town of Caledon, the City of Mississauga and the Ministry of Municipal Affairs and Housing;

And further, that staff report to a future meeting of Regional Council in relation to the nature of employment lands and jobs, including the potential for more flexible employment policies to reflect the changing nature of employment.

And further, that staff report to a future meeting of Regional Council on the aggregate policies, particularly policy 2.5.2.3 regarding the recycling of aggregates material in licenced operations and requirements regarding the rehabilitation of aggregate sites.

In Favour	G. Carlson; B. Crombie; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 20
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; D. Damerla; P. Fortini; R. Santos	4

Carried 2019-926

Councillor Thompson highlighted the changing nature of employment and the need for flexibility for municipalities to be able to adapt to new employment trends.

Councillor Sinclair noted concerns with aggregate policy 2.5.2.3 that could pose a threat to groundwater quality and quantity and extend the duration of extraction.

The Councillors requested that the concerns related to employment lands and aggregates be included in a response to the consultation on proposed changes to the Provincial Policy Statement.

13. COMMUNICATIONS - Nil

14. ITEMS RELATED TO ENTERPRISE PROGRAMS AND SERVICES

14.1. Investment Goals and Policies

This item was dealt with under Resolution 2019-920

14.2. Update on the Paramedic and Public Health #Cutshurthealth Campaign

This item was dealt with under Resolution 2019-923

15. COMMUNICATIONS - Nil

16. ITEMS RELATED TO PUBLIC WORKS

Chaired by Councillor A. Groves

17. COMMUNICATIONS

17.1. Caroline Mulrone, Minister of Transportation Ontario, Letter dated September 20, 2019, Regarding the Meeting with the Minister, Regional Chair and Peel Delegation at the 2019 Association of Municipalities of Ontario Conference about Transportation Matters in the Region of Peel

Received 2019-927

Related to Resolution 2019-928

Moved by Councillor Innis,
Seconded by Councillor Thompson;

That staff be directed to report to the October 24, 2019 Regional Council meeting with a summary of issues related to the GTA-West Corridor, including the identification of opportunities to shorten the project timelines and the importance of the Highway 427 extension to the success of the Smart Freight Centre.

Carried 2019-928

Related to Resolution 2019-927

Councillor Innis expressed concerns with the timelines for the GTA-West Corridor and suggested that there may be opportunities for the Ministry of Transportation to shorten them. Andrew Farr, Acting Commissioner of Public Works, advised that representatives from the Ministry of Transportation would be delegating to the October 24, 2019 Regional Council meeting.

Councillor Thompson stated the need for constructive discussions with Ministry staff regarding issues related to the GTA-West Corridor.

Councillor Groves noted that while the Ministry of Transportation has announced funding for the expansion of 400 series highways, there was no mention of the Highway 427 extension which is a vital component for the success of the Smart Freight Centre.

18. OTHER BUSINESS

18.1. Provincial Public Health Modernization – Updates from The Ministry of Health on Funding Assumptions for 2020

This item was dealt with under Resolution 2019-924

19. NOTICE OF MOTION/MOTION

19.1. Motion Denouncing Quebec's Bill 21

This item was dealt with under Resolution 2019-915

19.2. Use of Vapour Products and Related Health Impacts

Moved by Councillor McFadden,
Seconded by Councillor Groves;

Whereas the number of fatalities and the discovery of mysterious lung diseases associated with the use of vapour products are on the rise significantly in the past year;

And whereas, studies are revealing that smoking vapour products has become a gateway to smoking tobacco rather than an alternative;

And whereas, the prevalence of youth vaping is increasing year over year;

And whereas, many online resources currently available on the health risks associated with smoking offered by Peel Public Health do not include specific references to vaping or are difficult to find;

Therefore be it resolved, that the Region of Peel Medical Officer of Health provide a report to the Council of the Region of Peel regarding the use of vapour products, especially by youth, and the related health impacts;

And further, that Peel Public Health develop an education campaign advising of the health risks associated with vaping.

In Favour	G. Carlson; B. Crombie; D. Damerla; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 21
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; P. Fortini; R. Santos	3

Carried 2019-929

20. BY-LAWS - Nil

21. IN CAMERA MATTERS

At 12:08 p.m., in accordance with section 239(2) of the *Municipal Act, 2001*, as amended, the following motion was placed:

Moved by Councillor Mahoney,
Seconded by Councillor McFadden;

That Council proceed "In Camera" to consider reports relating to the following:

- Local Planning Appeal Tribunal – City of Brampton (Litigation or potential litigation, including matters before administrative tribunals; and, Advice that is subject to solicitor-client privilege, including communications necessary for the purpose)
- Employment Services Transformation (A position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the municipality or local board)
- Status Update on the Housing Master Plan (Oral)

Carried 2019-930

Moved by Councillor Parrish,
Seconded by Councillor Kovac;

That Council proceed out of “In Camera”.

Carried 2019-931

Council moved out of closed session at 12:47 p.m.

Moved by Councillor Medeiros,
Seconded by Councillor McFadden;

That the in camera directions related to items 21.4 and 21.7 on the October 10, 2019 Regional Council agenda be approved;

And further, that the in camera report related to item 21.6 on the October 10, 2019 Regional Council agenda be deferred to the next meeting of Regional Council.

In Favour	G. Carlson; D. Damerla; S. Dasko; G. Dhillon; J. Downey; C. Fonseca; A. Groves; J. Innis; J. Kovac; M. Mahoney; S. McFadden; M. Medeiros; M. Palleschi; C. Parrish; K. Ras; P. Saito; I. Sinclair; R. Starr; A. Thompson; P. Vicente	Total 20
Opposed		
Abstain <i>(counted as a no vote)</i>		
Absent <i>(from meeting and/or vote)</i>	P. Brown; B. Crombie; P. Fortini; R. Santos	4

Carried 2019-932

21.4. **Local Planning Appeal Tribunal – City of Brampton (Litigation or potential litigation, including matters before administrative tribunals; and, Advice that is subject to solicitor-client privilege, including communications necessary for the purpose)**

Moved by Councillor Medeiros,
Seconded by Councillor McFadden;

That direction given “in camera” to the Regional Solicitor and the Acting Commissioner of Public Works be approved and voted upon in accordance with section 239(6)(b) of the *Municipal Act, 2001*, as amended.

Carried 2019-933

- 21.6. **Employment Services Transformation (A position, plan, procedure, criteria or instruction to be applied to any negotiations carried on or to be carried on by or on behalf of the municipality or local board)**

This item was deferred under Resolution 2019-932

- 21.7. **Status Update on the Housing Master Plan Presented at the September 26, 2019 Regional Council Meeting (Oral) (A position, plan, procedure, criteria or instruction to be applied to any negotiations carried on her to be carried on by or on behalf of the municipality or local Board)**

Moved by Councillor Medeiros,
Seconded by Councillor McFadden;

That direction given "in camera" to the Commissioner of Human Services related to item 21.7 listed on the October 10, 2019 Regional Council agenda, be approved and voted upon in accordance with section 239(6)(b) of the *Municipal Act, 2001*, as amended.

Carried 2019-935

22. BY-LAW TO CONFIRM THE PROCEEDINGS OF COUNCIL

Moved by Councillor Vicente,
Seconded by Councillor Sinclair;

That By-law 60-2019 to confirm the proceedings of Regional Council at its meeting held on October 10, 2019, and to authorize the execution of documents in accordance with the Region of Peel by-laws relating thereto, be given the required number of readings, taken as read, signed by the Regional Chair and the Regional Clerk, and the corporate seal be affixed thereto.

Carried 2019-936

23. ADJOURNMENT

Regional Clerk

Regional Chair

FOR OFFICE USE ONLY

MEETING DATE YYYY/MM/DD October 24, 2019	MEETING NAME Regional Council
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Attention: Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
2019/09/05

NAME OF INDIVIDUAL(S)
Jim Dowell (WSP) & Lukasz Grobel (MTO)

POSITION(S)/TITLE(S)
Consultant Project Manager (Jim) & MTO Project Manager (Lukasz)

NAME OF ORGANIZATION(S)
WSP & Ontario Ministry of Transportation

E-MAIL cristina.papadatos@aecom.com	TELEPHONE NUMBER	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
The GTA West Project Team would like to make a delegation to Peel Region Council on Thursday, October 24, 2019 (9:30am) to provide an overview of the PIC #2 materials and what we heard from stakeholders at the PIC events which have been scheduled for September 19, September 26, and October 3, 2019. Presenters: Jim Dowell (WSP) and Lukasz Grobel (MTO)

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other

Additional printed information/materials will be distributed with my delegation : Yes No Attached

Note:
Delegates are requested to provide an electronic copy of all background material / presentations to the Clerk's Division at **least seven (7) business days prior** to the meeting date so that it can be included with the agenda package. **In accordance with Procedure By-law 9-2018 delegates appearing before Regional Council or Committee are requested to limit their remarks to 5 minutes and 10 minutes respectively (approximately 5/10 slides).**
Delegates should make every effort to ensure their presentation material is prepared in an [accessible format](#).
Once the above information is received in the Clerk's Division, you will be contacted by Legislative Services staff to confirm your placement on the appropriate agenda.

Notice with Respect to the Collection of Personal Information
(Municipal Freedom of Information and Protection of Privacy Act)

Personal information contained on this form is authorized under Section 5.4 of the Region of Peel Procedure By-law 9-2018, for the purpose of contacting individuals and/or organizations requesting an opportunity to appear as a delegation before Regional Council or a Committee of Council. The Delegation Request Form will be published in its entirety with the public agenda. The Procedure By-law is a requirement of Section 238(2) of the *Municipal Act, 2001*, as amended. Please note that all meetings are open to the public except where permitted to be closed to the public under legislated authority. All Regional Council meetings are audio broadcast via the internet and will be posted and available for viewing subsequent to those meetings. Questions about collection may be directed to the Manager of Legislative Services, 10 Peel Centre Drive, Suite A, 5th floor, Brampton, ON L6T 4B9, (905) 791-7800 ext. 4462.

Please complete and return this form via email to council@peelregion.ca

GTA West Transportation Corridor Route Planning and EA Study – Stage 2

Peel Region Council
October 24, 2019



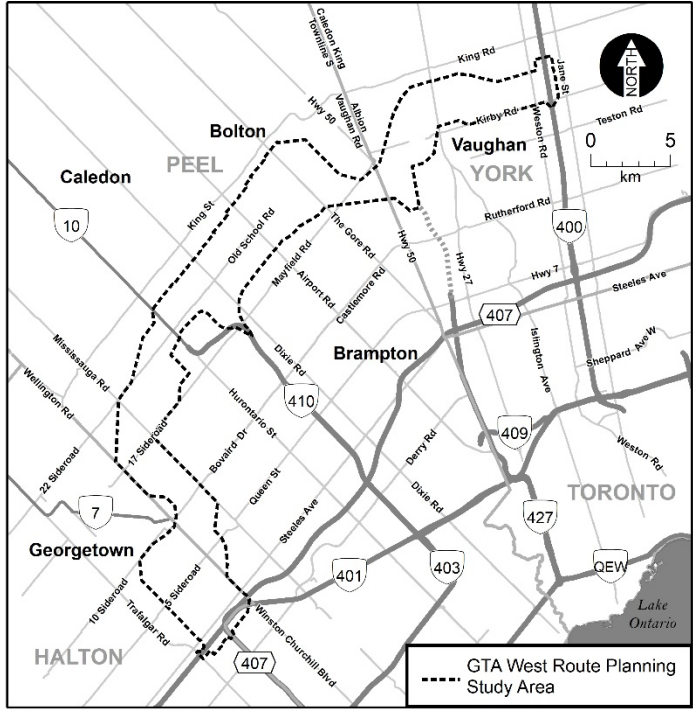
GTA West

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STUDY OVERVIEW

June 2019: GTA West Study resumed

- GTA West Study will protect lands for a future multimodal transportation corridor
- Northwest GTA Corridor Identification Study discontinued
- Ministry of Energy, Northern Development and Mines and Independent Electricity System Operator initiated a separate study to identify an adjacent electricity transmission corridor



Stage 2: GTA West Study focuses on a new multimodal transportation corridor:

- Extending from Highway 400 in the east to the Highway 401/407 ETR interchange area in the west
- Includes a 400-series highway, transitway, and potential goods movement priority features



PLANNING WITH VISION, PLANNING FOR PEOPLE

- The need for the GTA West Study remains and is strengthened by the GGH population and employment growth forecasts, reflecting more people and jobs by 2041. It is good practice to do long-range planning for areas under development pressure
- Committed to an open and transparent process that provides opportunities for all stakeholders to help shape the outcome of the project
- Strive to arrive at a recommended solution that provides the best balance of benefits and impacts for the local communities and the users of the transportation system

To accomplish this, we are committed to engaging our municipal and agency partners in open two-way communication that leads to meaningful discussions, proactive information exchange and a constructive working relationship



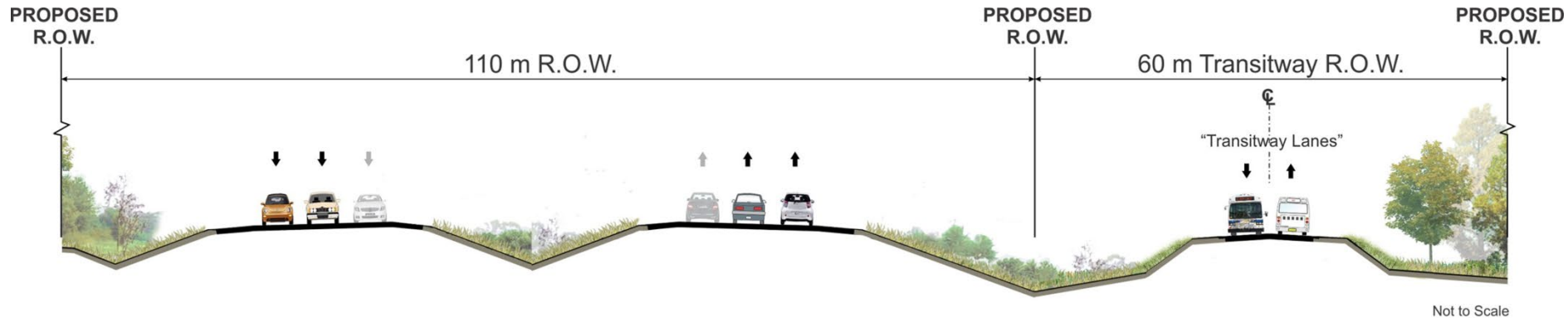
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6.1-5

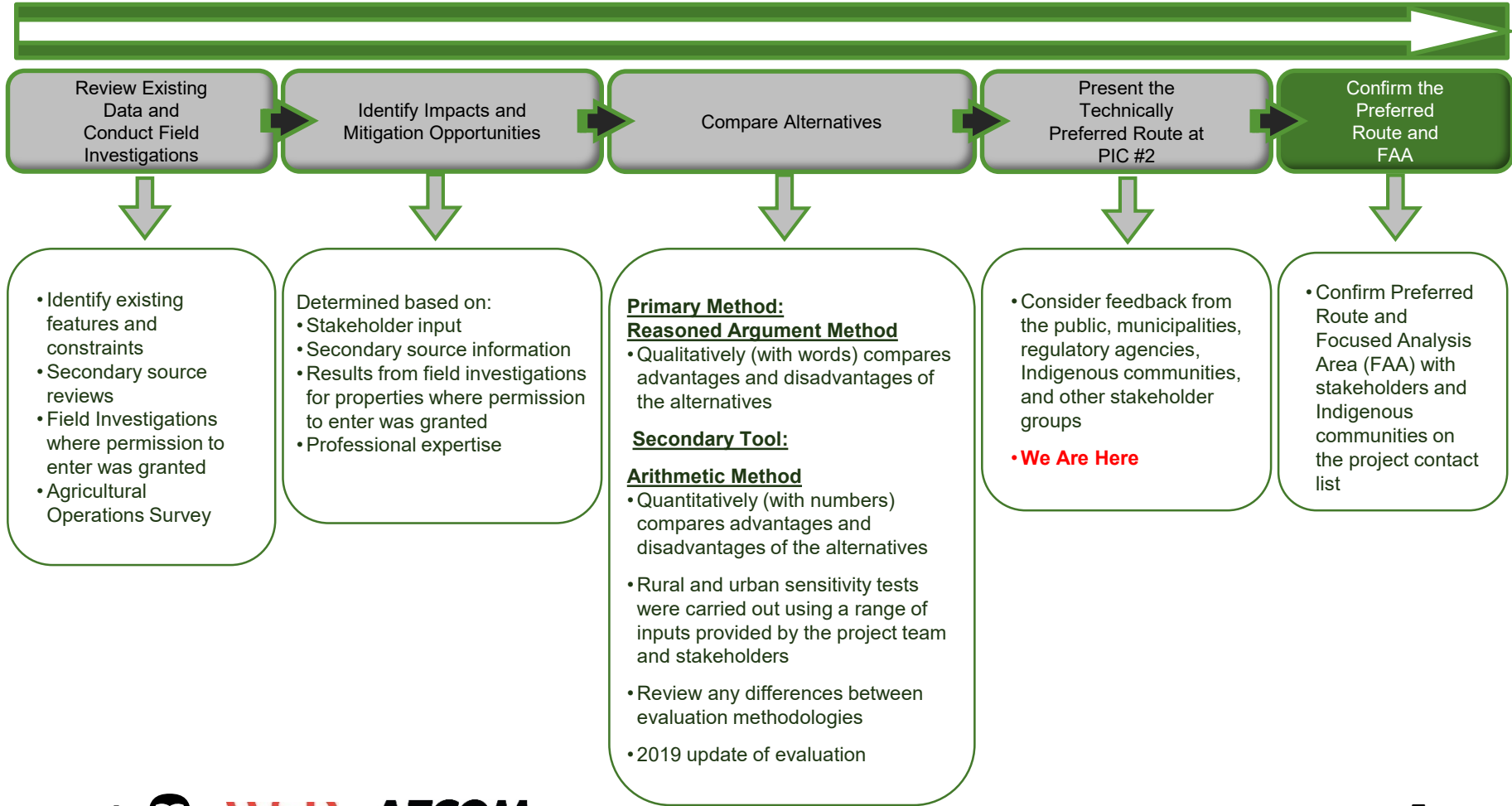
THE NEW MULTIMODAL CORRIDOR

- The multimodal transportation corridor will initially be designed as a 4- to 6-lane highway with a separate adjacent transitway
- The total proposed right-of-way (ROW) will be 170m



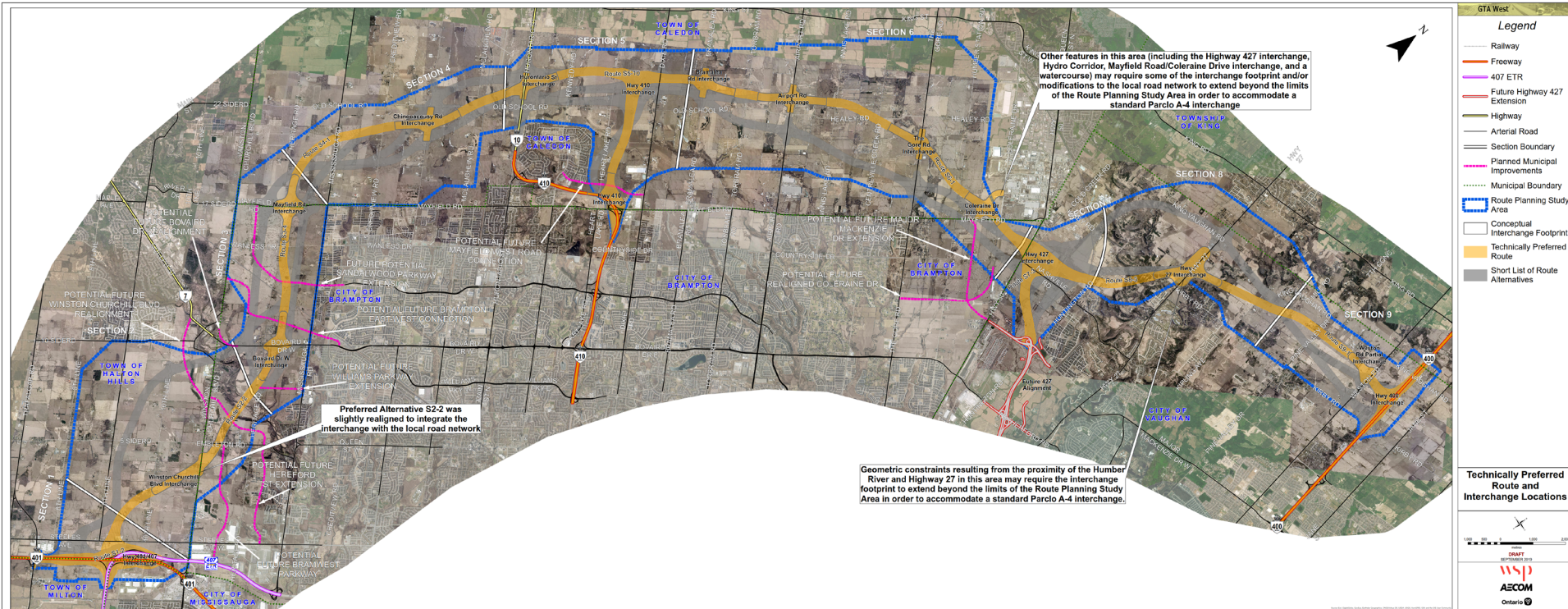


ROUTE EVALUATION PROCESS





TECHNICALLY PREFERRED ROUTE



GTA West

Legend

- Railway
- Freeway
- 407 ETR
- Future Highway 427 Extension
- Highway
- Aerial Road
- Section Boundary
- Planned Municipal Improvements
- Municipal Boundary
- Route Planning Study Area
- Conceptual Interchange Footprint
- Technically Preferred Route
- Short List of Route Alternatives

Technically Preferred Route and Interchange Locations

Scale: 0 100 200 300 400 500

DATE: SEPTEMBER 2013

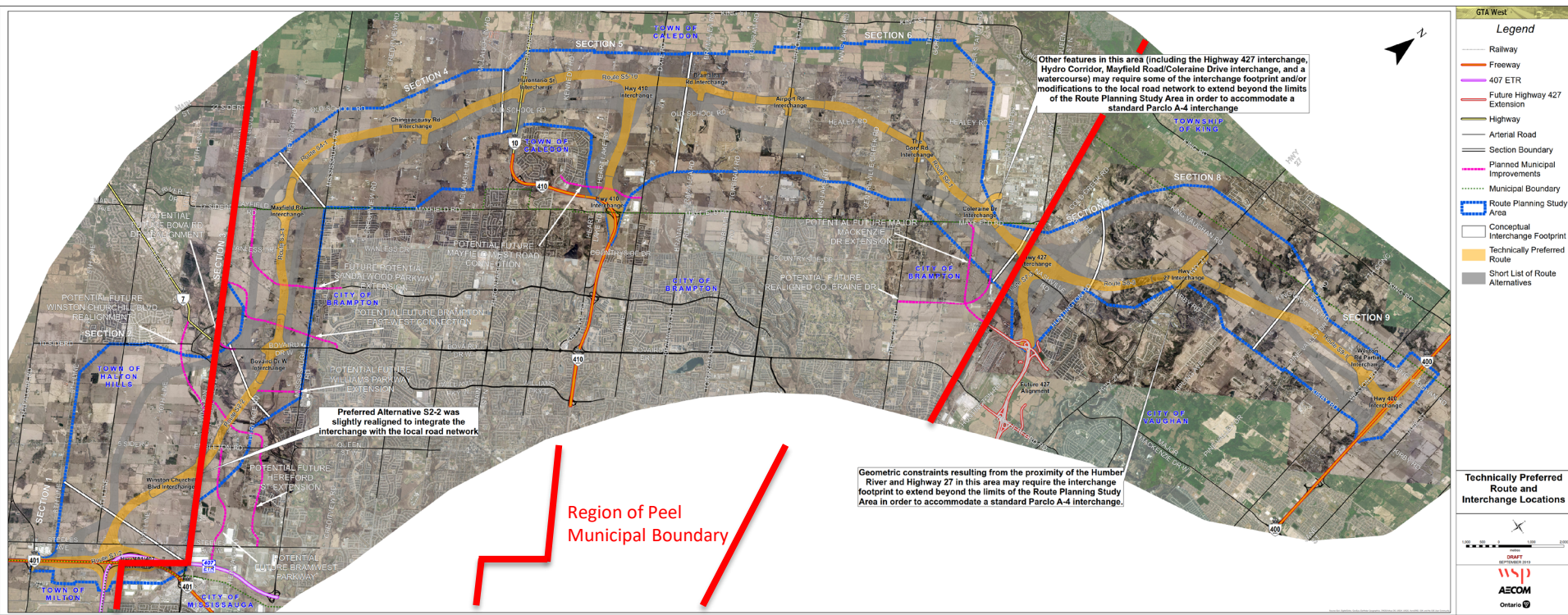
wsp

AECOM

Ontario



TECHNICALLY PREFERRED ROUTE

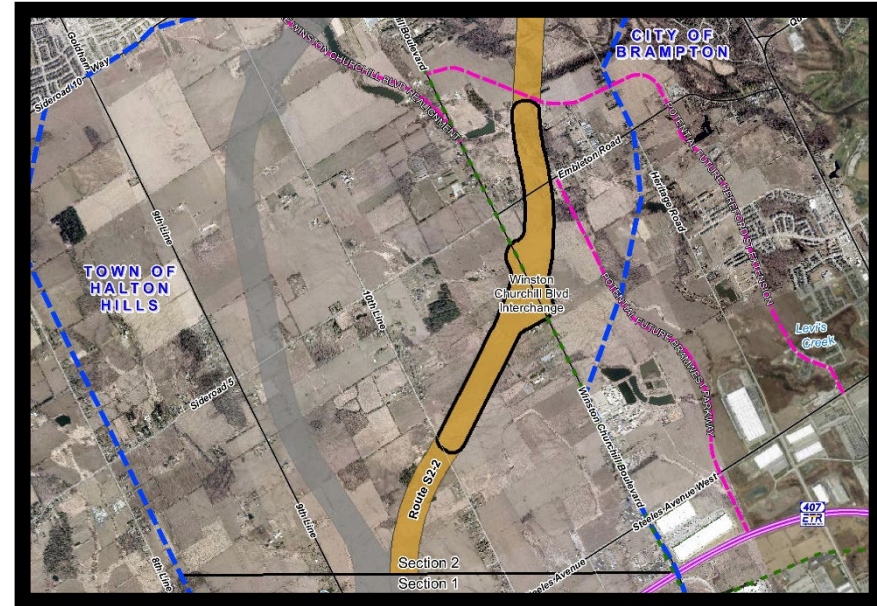




SECTION 2 PREFERRED ALTERNATIVE: S2-2

Preferred from Natural, Land Use / Socio-Economic, Cultural and Transportation perspectives:

- Provides the best crossing of the Credit River
- Lower impacts to fish and fish habitat
- Shorter and more direct transportation link, resulting in smaller secondary effects
- Impacts less agricultural lands and livestock / high investment operations
- Further east from the Village of Norval and avoids segregating that broader community
- Provides convenient and improved access to Brampton and Georgetown, does not preclude a future Norval Bypass or connection to the proposed BramWest Parkway, aligns more closely with municipal transportation strategies for Halton Hills and Brampton, and better supports proposed employment lands
- Most constructible and has the lowest construction cost and best traffic operations





GTA West

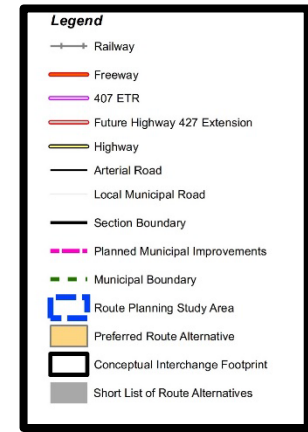
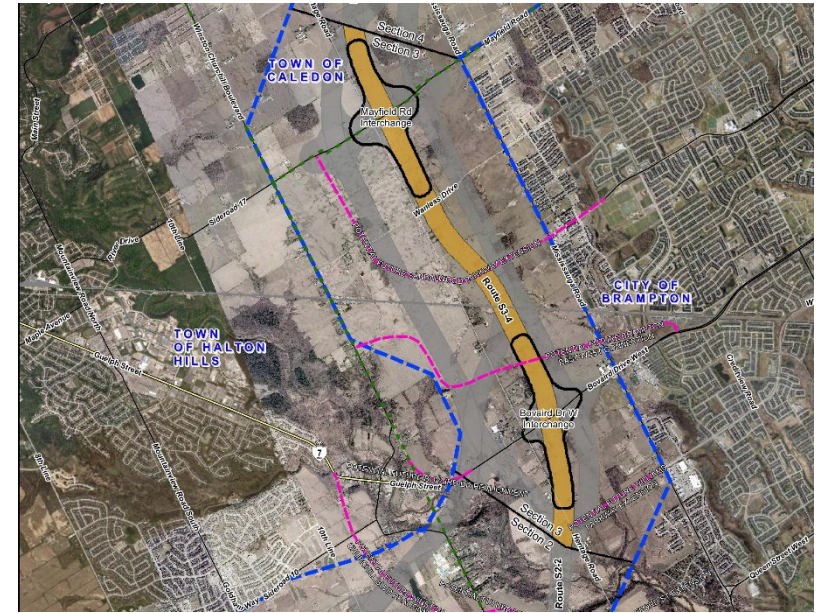
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6.1-10

SECTION 3 PREFERRED ALTERNATIVE: S3-4

Preferred from a Transportation perspective:

- Minimizes wildlife habitat, wetland, and woodland community removal
- Avoids impacts to designated natural areas, including Greenbelt lands
- Connects well to the preferred crossing of the Credit River in Section 2
- Minimizes significant impacts to existing institutional facilities.
- Opportunities to avoid/minimize impacts to proposed Catholic Cemetery may be possible through design refinements
- Generally aligns with future land uses
- Considered the most constructible
- Provides the best opportunity for an interchange at Bovaird Drive
- Supports traffic safety and operations





GTA West

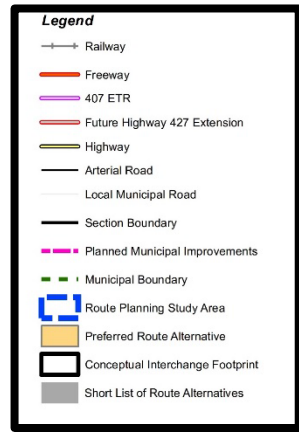
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6.1-11

SECTION 4 PREFERRED ALTERNATIVE: S4-1

Preferred from Natural, Land Use / Socio-Economic, Cultural and Transportation perspectives:

- Minimizes impacts to watersheds and sub-watersheds, wetlands, woodlands and designated areas (e.g. Greenbelt)
- Has the fewest residential impacts (direct impacts and secondary noise impacts)
- Most preferred from an agricultural perspective as it has the lowest overall impacts
- Connects well with the preferred Section 3 alternative
- Has similar cost, traffic operations and level of constructability as the other well ranked alternatives



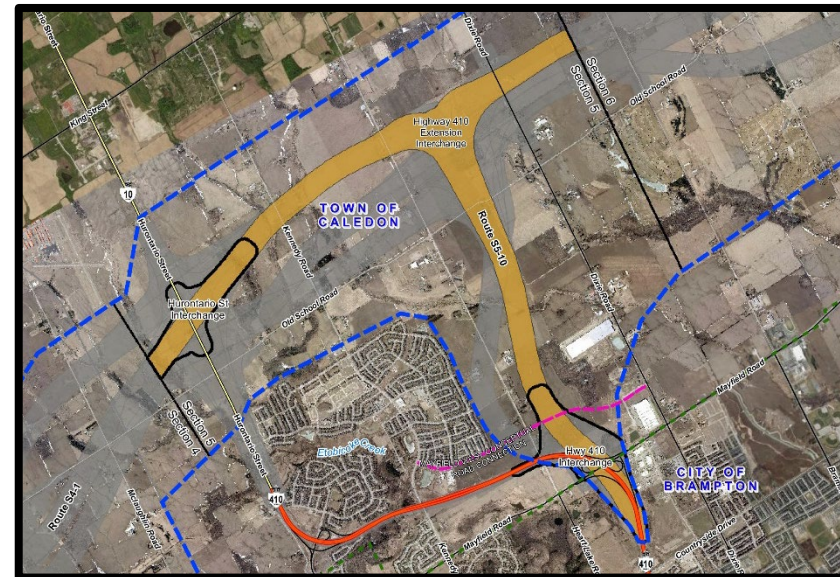
SECTION 5 PREFERRED ALTERNATIVE: S5-10

A new Highway 410 alignment was preferred over the existing Highway 10/410,

A new alignment to the east was preferred over a new alignment to the west of Heart Lake Road,

Alternative S5-10 is preferred from Land Use / Socio-Economic and Transportation perspectives:

- Minimizes impacts to fish and fish habitat, and wetlands
- Avoids impacts to large volume wells
- Avoids existing residential subdivisions in Valleywood and minimizes direct residential impacts elsewhere
- Minimizes impacts to agricultural lands and operations
- Minimizes impacts to built heritage resources
- Avoids impacts to commercial and industrial properties
- Minimizes impacts to future urban development including the Mayfield West planned community and Mayfield West employment lands
- Less complex Highway 410/GTA West freeway-to-freeway interchange design (connections to Hurontario Street are provided by a separate interchange)
- Better ability to implement a transitway in the new Highway 410 corridor
- Supports network compatibility, lower relative cost





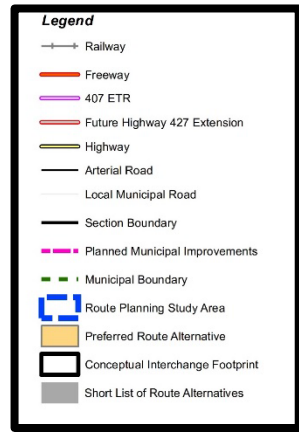
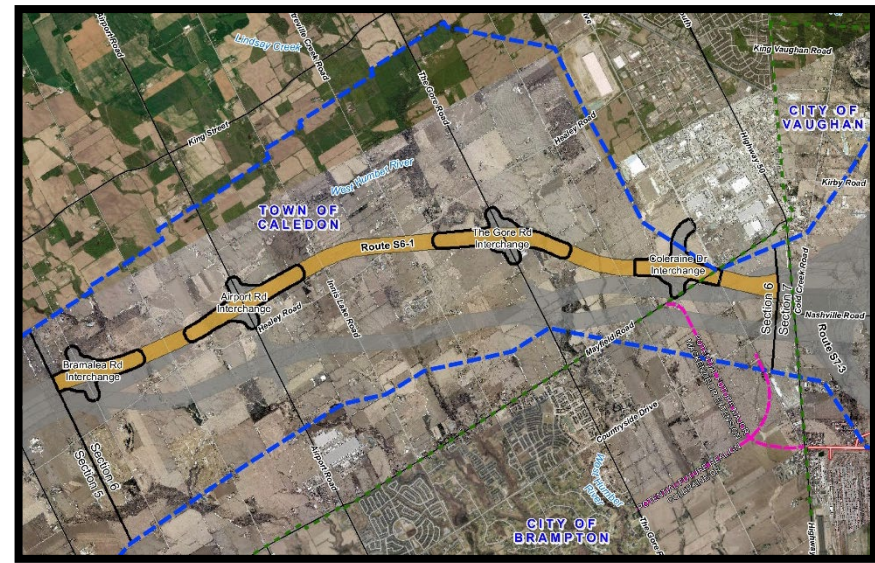
GTA West

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SECTION 6 PREFERRED ALTERNATIVE: S6-1

Preferred from Natural, Land Use / Socio-Economic and Transportation perspectives:

- Least impact to fish and fish habitat, minimizes impacts to wildlife and wildlife habitat, wetlands
- Impacts the fewest residential properties and private wells
- Low impacts to commercial/industrial properties and future development
- Avoids impacts to high-investment farming operations
- Accommodates a full moves interchange in the area of Coleraine Drive (realignment likely required to achieve an acceptable separation distance to the Highway 427 extension)
- Has a moderate relative cost to the other well ranked transportation alternative (S6-4)
- Connects well to the preferred Section 5 alternative





EVALUATION CRITERIA FOR SELECTING PREFERRED INTERCHANGE LOCATIONS

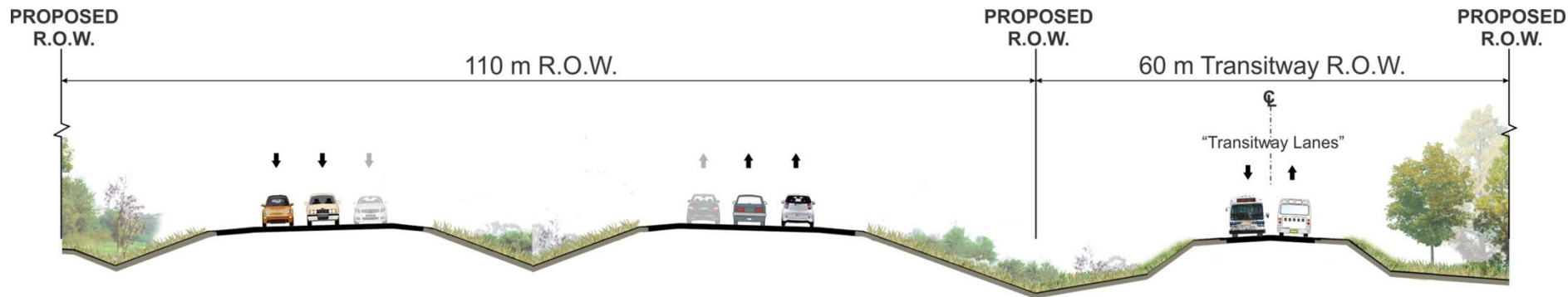
- Potential interchange locations along each route alternative were selected based on:
 - Level of connectivity to the highway network
 - Level of connectivity to the municipal road network and initiatives
 - Level of connectivity to transit
 - Traffic demand
 - Spacing between interchanges
- Potential interchange locations on the short list of route alternatives were discussed with municipal staff prior to the 2015 evaluation of route alternatives
- Key trade-offs between potential interchange location alternatives were considered in the evaluation of route alternatives
- After selection of the Technically Preferred Route, the potential interchange locations along that route were reviewed again using the above criteria and the preferred interchange locations were selected



<p>1 Highway 401/407 ETR freeway-to-freeway interchange – Aligns with Technically Preferred Route for Section 1</p>	<p>8 Airport Road Interchange – Aligns with Technically Preferred Route for Section 6</p>
<p>2 Winston Churchill Boulevard, Tenth Line or Embleton Road Interchange: Winston Churchill Boulevard preferred</p> <ul style="list-style-type: none"> Winston Churchill Boulevard provides better connections to urban growth centres and appropriate interchange spacing to provide desirable connections to the municipal road network Opportunity to integrate with future municipal road improvements such as realigned Winston Churchill Boulevard and/or Bram West Parkway (planned municipal initiative) 	<p>9 The Gore Road Interchange – Aligns with Technically Preferred Route for Section 6</p>
<p>3 Heritage Road, Bovaird Drive or Future Sandalwood Parkway Extension: Bovaird Drive preferred</p> <ul style="list-style-type: none"> Provides appropriate connections with the municipal road network and provides desirable interchange spacing Bovaird Drive is the major east/west arterial connecting urban centres in Halton Hills and Brampton Bovaird Drive provides better interchange spacing to the Winston Churchill Boulevard interchange than at Heritage Road Better road geometry for an interchange at Bovaird Drive than at Heritage Road An interchange at the future Sandalwood Parkway Extension is not precluded from future consideration by municipalities 	<p>10 Coleraine Drive/Mayfield Road Area Interchange</p> <ul style="list-style-type: none"> A full moves interchange is desirable to connect to existing and future urban growth centres Local municipalities support a full interchange with a road that runs north-south (like Coleraine Drive) Proximity to the GTA West/Highway 427 freeway-to-freeway interchange creates a constraint to locating the interchange on Coleraine Drive (not enough spacing between interchanges) Proposed strategy is to realign Coleraine Drive and then provide a full interchange
<p>4 Mayfield Road or Mississauga Road Interchange: Mayfield Road preferred</p> <ul style="list-style-type: none"> Based on continuity and proximity to the GTA West Corridor, Mayfield Road is envisioned to be a key east-west route There is better road geometry at Mayfield Road than at Mississauga Road 	<p>11 Highway 427 freeway-to-freeway interchange and Highway 50 Interchange: Freeway-to-freeway Interchange at Highway 427 Preferred</p> <ul style="list-style-type: none"> Based on the Technically Preferred Route, an interchange at both Highway 427 and Highway 50 is not possible
<p>5 Chinguacousy Road Interchange – Aligns with Technically Preferred Route for Section 4</p>	<p>12 Highway 27 interchange – Aligns with Technically Preferred Route for Section 8</p>
<p>6 Highway 410, Hurontario Street, Dixie Road and Bramalea Road Interchanges: Freeway-to-freeway interchange at New Highway 410 Connection (along the extension of Highway 410 to the north) plus Interchanges at Hurontario Street and Bramalea Road preferred</p> <ul style="list-style-type: none"> Since a new Highway 410 connection is preferred, a freeway-to-freeway interchange is recommended at Highway 410 in the area of Dixie Rd Interchanges at Hurontario Street and Bramalea Road are spaced at a desirable distance from the freeway-to-freeway interchange and will provide good access to the municipal road network An interchange at Dixie Road would result in undesirable grades and interchange spacing which would result in weaving concerns with the freeway-to-freeway interchange 	<p>13 Pine Valley Drive Interchange or Partial Interchange at Weston Road: Partial interchange at Weston Road preferred</p> <ul style="list-style-type: none"> An interchange to the west of Highway 400 provides a desirable connection with the municipal road network Pine Valley Drive is not continuous north or south of the study area and there are no planned urban growth centres along Pine Valley Drive Weston Road provides a connection to a planned urban growth centre
<p>7 Modifications to Existing Highway 410/Mayfield Road and Highway 427/Major Mackenzie Drive Interchanges – Aligns with Technically Preferred Routes for Sections 5 and 11</p>	<p>14 Highway 400 freeway-to-freeway interchange – Aligns with Technically Preferred Route for Section 9</p>

THE GTA WEST TRANSITWAY

- The GTA West transitway will run parallel to the GTA West highway and will:
 - Allow buses (and potentially in the future, light rail vehicles) to operate on express schedules
 - Include stations at strategic locations and provide transit connections with buses onto major arterial roadways, Highway 401, 407ETR, Highway 427, Highway 410, and Highway 400
- The transitway will be further developed to confirm:
 - Alignment, roadway crossing details, terminus configurations
 - Opportunities to integrate with existing and future transit services
 - Station locations and layouts
 - Opportunities to integrate with existing and future development



Not to Scale

GOODS MOVEMENT PRIORITY FEATURES

- Potential goods movement features have been screened:

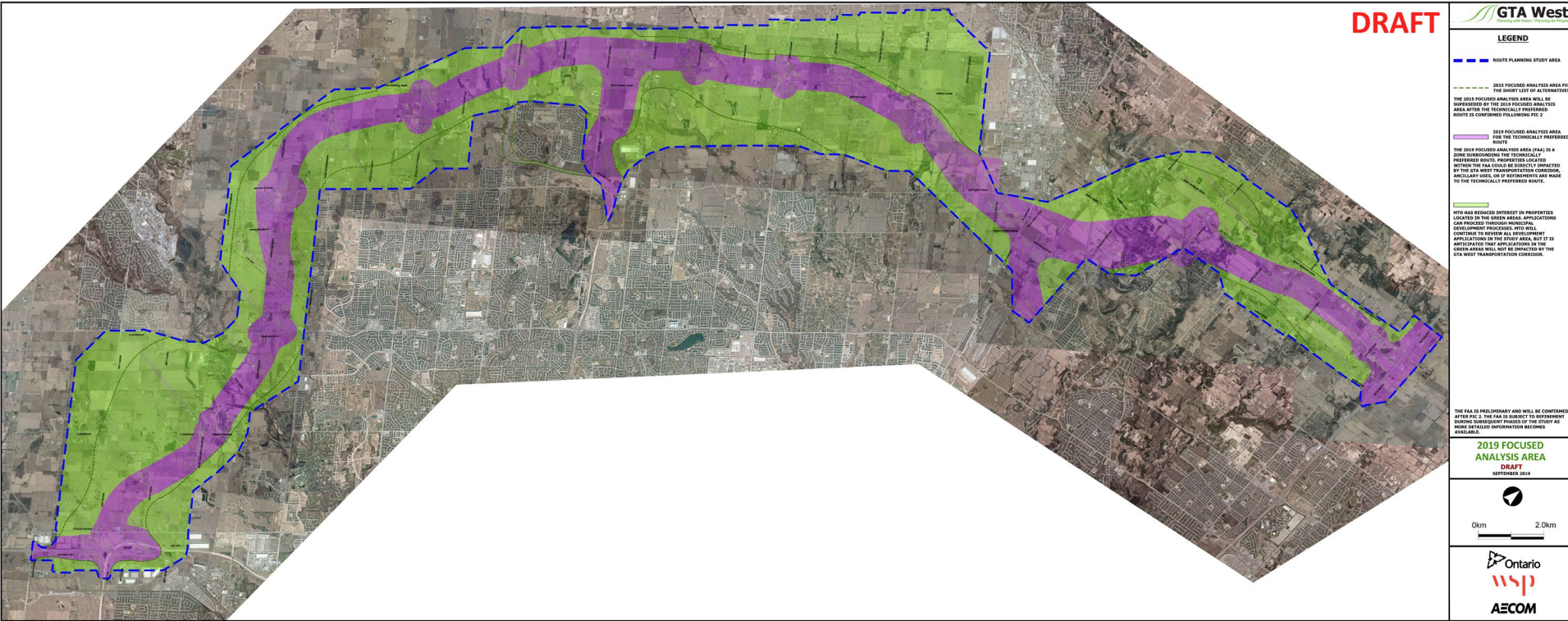
Feature	Screening
Truck only lanes	✓ Carry forward for further consideration
Combined truck/transit lanes	✗ Do not carry forward <ul style="list-style-type: none"> Reduces level of service of the transitway by introducing additional traffic The transitway requires restricted access which prohibits use by other traffic
Truck use of potential HOV lanes during off-peak hours	✗ Do not carry forward <ul style="list-style-type: none"> No operational benefits in off-peak hours Introduces additional lane changes for trucks to access HOV Lanes
Intelligent Transportation Systems (ITS) features, such as variable message signs and real time traveler information	✓ Carry forward for further consideration
Longer speed change lanes	✓ Carry forward for further consideration
Enhanced design to accommodate Long Combination Vehicles	✓ Carry forward for further consideration
Truck only interchange ramps, where warranted by truck volumes	✗ Do not carry forward <ul style="list-style-type: none"> Creates additional enforcement requirements Interchanges are provided for key freight trip generators, and there is insufficient space for additional ramps in these areas without compromising highway design guidelines
Truck parking facilities	✓ Carry forward for further consideration
Enforcement features (weigh and inspection stations), including automated weigh stations	✓ Carry forward for further consideration



6.1-18

GTA West
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2019 FOCUSED ANALYSIS AREA



DRAFT

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LEGEND

- ROUTE PLANNING STUDY AREA
- 2019 FOCUSED ANALYSIS AREA FOR THE SHORT LIST OF ALTERNATIVES
- 2019 FOCUSED ANALYSIS AREA WILL BE SUPERSEDED BY THE 2019 FOCUSED ANALYSIS AREA AFTER THE TECHNICALLY PREFERRED ROUTE IS CONFIRMED FOLLOWING PIC 2
- 2019 FOCUSED ANALYSIS AREA 2019 TECHNICALLY PREFERRED ROUTE
- THE 2019 FOCUSED ANALYSIS AREA (FAA) IS A ZONE SURROUNDING THE TECHNICALLY PREFERRED ROUTE. PROPERTIES LOCATED WITHIN THE FAA COULD BE DIRECTLY IMPACTED BY THE GTA WEST TRANSPORTATION CORRIDOR. ARBITRARY SIZE OF IMPACTMENTS ARE MADE TO THE TECHNICALLY PREFERRED ROUTE.
- MTD HAS REDUCED INTEREST IN PROPERTIES LOCATED IN THE GREEN AREA. APPLICATIONS CAN PROCEED THROUGH MUNICIPAL DEVELOPMENT PROCESSES. MTD WILL CONTINUE TO REVIEW ALL DEVELOPMENT APPLICATIONS IN THE STUDY AREA, BUT IT IS ANTICIPATED THAT APPLICATIONS IN THE GREEN AREAS WILL NOT BE IMPACTED BY THE GTA WEST TRANSPORTATION CORRIDOR.

THE FAA IS PRELIMINARY AND WILL BE CONFIRMED AFTER PIC 2. THE FAA IS SUBJECT TO REPERMITS OBTAINING SUBSEQUENT PHASES TO THE STUDY AS MORE RELEVANT INFORMATION BECOMES AVAILABLE.

2019 FOCUSED ANALYSIS AREA
 DRAFT
 SEPTEMBER 2019

0km 2.0km

wsp
AECOM



WHAT WE HEARD AT PIC #2

- Approx. 979 stakeholders attended, 79 written comments received
- Mixture of support and opposition for the Technically Preferred Route but majority of input was supportive:
 - The transportation corridor is needed, expedite the EA process, start construction as soon as possible
 - Protect for extra land now so that widening of the right-of-way is not required in the future
 - Concern about congestion on connecting roads (e.g. Mayfield Road, Highway 400, Highway 401, Coleraine Drive, Weston Road, etc.)
 - The transportation corridor should go west to Guelph, east past Highway 400 and be closer to Highway 9 in the north
 - Concern about impacts to nearby property owners (noise, air quality, etc.) and inquiries about mitigation measures
 - Mixed feelings about impacts to agricultural and Greenbelt lands. Some felt these features were given priority in the evaluation and appropriately influenced route selection (i.e. crossing of Credit and Humber Rivers) while others expressed concern about ability to support food production and ecosystem services



WHAT WE HEARD AT PIC #2

- Mixture of support and opposition for the Technically Preferred Route but majority of input was supportive:
 - Mixed feelings on whether Preferred Route S2-2 provides convenient and improved access to Brampton and Georgetown. Some say it is further east from Norval and avoids segregating the broader community while others say it doesn't address the congestion issues in Norval (Bovaird Drive interchange with Preferred Route S3-4 may exacerbate the problems)
 - Preferred Routed S4-1 minimizes impacts to the natural environment (including agriculture) and residential properties but impacts the Mayfield West Phase 2 development
 - Support for new extension of Highway 410 rather than using existing Highway 410 (minimizes impacts to Valleywood) in Section 5
 - Mixed feelings about proximity to Brampton-Caledon Airport. Concern regarding potential impacts to operations while others want the route moved closer to condense land uses
 - The interchange at Coleraine Drive in Section 6 conflicts with an approved development to the north
 - Support for Preferred Route S6-1 as it minimizes impacts to natural environment, residential/commercial/industrial/agricultural properties



6.1-21

GTA West

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WHAT WE HEARD AT PIC #2

- Support for the transitway:
 - The transitway only makes sense if it connects to other mass transit systems
 - Incorporate active transportation along the transitway
 - Support for transition from BRT to LRT
 - Consider both buses and trucks using the transitway

- Support for goods movement priority features:
 - Support for truck only lanes

- Support for the 2019 Focused Analysis Area:
 - Appreciate that over 60% of the Route Planning Study Area is in the green area (area of reduced interest)
 - Inquiries about when development restrictions will be lifted

- Other:
 - Inquiries about timing of expropriation, permission to enter process, possibility of tolling, scope of separate electricity transmission study
 - Requests for digital mapping of Technically Preferred Route to understand impacts and coordinate works
 - The Project Team did a good job evaluating the route alternatives and explaining the rationale for their decisions



CONSULTATION & ENGAGEMENT

- Public Information Centres (3 rounds)
- Community workshops (4 rounds)
 - 2 rounds focused on Community Value Plans
- Ongoing consultation with Indigenous Communities
- Stakeholder advisory groups, municipal working groups, meetings with landowners, and Council presentations
- Website, email, toll-free telephone, Twitter, Ontario Government Notices and brochures



WEBSITE		www.gta-west.com
EMAIL		project_team@gta-west.com
TOLL-FREE		1-877-522-6916
TWITTER		@GTAWestStudy



NEXT STEPS

<p>Fall 2019</p>	<ul style="list-style-type: none"> • Project Team to review and respond to comments received at PIC #2: • Meetings with Indigenous communities, Advisory Groups and Regional Municipal Councils
<p>Spring 2020</p>	<ul style="list-style-type: none"> • Confirm the Preferred Route and Focused Analysis Area • Commence preliminary design of the Preferred Route, which includes: • Additional field investigations where permission to enter is granted • Consultation with property owners directly impacted by the Preferred Route
<p>Fall 2020 / Spring 2021</p>	<ul style="list-style-type: none"> • Develop Community Value Plans (the focus of Community Workshops #3 and #4)
<p>Spring / Summer 2021</p>	<ul style="list-style-type: none"> • Meetings with Indigenous communities, Advisory Groups and Regional Municipal Councils
<p>Fall / Winter 2021</p>	<ul style="list-style-type: none"> • Present the preliminary design of the Preferred Route at PIC #3
<p>Late 2022</p>	<ul style="list-style-type: none"> • Anticipated submission of Final Environmental Assessment Report to MECP

* Schedule is subject to change

FOR OFFICE USE ONLY

MEETING DATE YYYY/MM/DD 2019/10/24	MEETING NAME Regional Council
--	---

Attention: Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD 2019/09/10
--

NAME OF INDIVIDUAL(S) Tracy Maclsaac
--

POSITION(S)/TITLE(S) Communications Consultant
--

NAME OF ORGANIZATION(S) Peel Children's Aid

E-MAIL tmacisaac@peelcas.org	TELEPHONE NUMBER (905) 363-6131	EXTENSION 1157
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED) Juliet Jackson, Board President, Peel CAS and Rav Bains, CEO, Peel CAS to present information to council to raise awareness of Dress Purple Day (October 24, 2019) and Child Abuse Prevention Month

A formal presentation will accompany my delegation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Presentation format: <input checked="" type="checkbox"/> PowerPoint File (.ppt) <input type="checkbox"/> Adobe File or Equivalent (.pdf) <input type="checkbox"/> Picture File (.jpg) <input type="checkbox"/> Video File (.avi,.mpg) <input type="checkbox"/> Other <input type="text"/>
Additional printed information/materials will be distributed with my delegation : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached

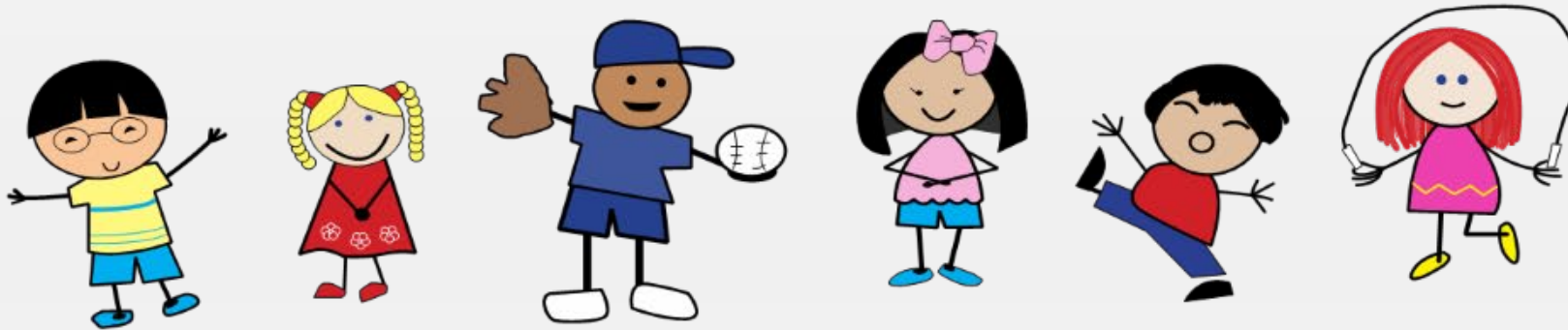
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Please complete and return this form via email to council@peelregion.ca

Dress Purple Day 2019 Region of Peel



Getting to know Peel CAS

Everything we do is driven by our key values



Collaboration and Diversity

Accountability to the children, families and community we serve

Respect and compassion

Excellence, learning and innovation

In a supportive environment, we **CARE**

6.2-4



2018-19 BY THE NUMBERS



95%

OF OUR WORK IS DONE
WITHIN THE COMMUNITY



PEEL CAS HAS THE LOWEST NUMBER OF
CHILDREN IN CARE PER CAPITA
OF ANY CAS IN ONTARIO

 13,200+

CALLS RECEIVED

130+

DIRECT SERVICE VOLUNTEERS PROVIDED
SERVICE TO OVER 10,000 FAMILIES

11K 

FAMILIES SERVED IN OUR
COMMUNITY BY THE AGENCY

\$225K

RECEIVED IN
YOUTH BURSARIES

8,500

REPORTS OF CHILD ABUSE
AND NEGLECT INVESTIGATED



HOMES FOR CHILDREN WERE PROVIDED
BY OVER 200 KINSHIP FAMILIES AND
MORE THAN 120 FOSTER FAMILIES

84%

CLIENT SATISFACTION RATING

Need more information? Contact us at:

 905-363-6131

 www.peelcas.org

 @peelcas



What makes Peel CAS different

- Our work is centered around our commitment to diversity, equity and inclusion – being respectful and fair and providing culturally appropriate services
- We operate the Child Welfare Immigration Centre of Excellence – the first of its kind in Canada – supporting children, youth and families involved in child welfare who are facing immigration and status issues



Why we are here today

Ontario Dress Purple Day is October 24!

Dress Purple Day is a provincial campaign and CASs and partners across Ontario participate

CASs partner with boards of education, schools, child care and other community partners to speak up for every child and youth's right to safety and well-being in all spaces and to celebrate the community that cares for kids



Did you know?

- We've partnered with all four of our school boards on Dress Purple Day!
- We've also partnered with the Region, City of Mississauga, City of Brampton and Town of Caledon as well as many other partners for DPD
- **Region of Peel buildings are lighting up purple tonight!**
- City of Mississauga Clock tower went purple on October 23 to kick off DPD in Peel!
- We presented to the City of Brampton on October 16, clock tower was lit purple and messages were shared on digital signs

6.2-7



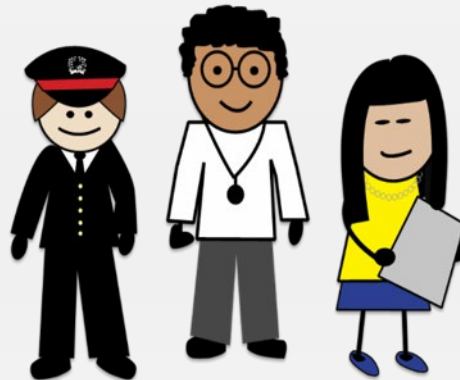
- Our graphics and info for DPD were shared on digital signs in Caledon and a Dress Purple Day was hosted
- Mayors and councillors were given social media messaging to promote the campaign
- You can still share pics on social using hashtags:

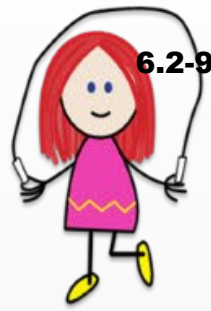
#IBREAKthesilence
#Peelgoespurple
#DPD2019



Outreach in Peel



- Education
 - Schools
 - Students
 - Families
- Daycares
- Health care partners
- Youth, family centred & faith based organizations
- Ethno-cultural community partners
- Police
- Not-for-profit organizations
- Legal Aid Ontario
- Refugee shelters
- Municipalities
- Local government
- Region of Peel





Connect with us on social...

 @PeelCAS

 and  @Peel Children's Aid

Participate as #Peelgoespurple on October 24!

6.2-10

much
thanks

Thank you for spreading the word
that it takes a community to
support families and keep kids safe

#iBREAKthesilence
#Peelgoespurple

FOR OFFICE USE ONLY

MEETING DATE YYYY/MM/DD 2019/10/24	MEETING NAME Regional Council
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Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
2019/09/05

NAME OF INDIVIDUAL(S)
Veronica Gallacher

POSITION(S)/TITLE(S)
Resident

NAME OF ORGANIZATION(S)
Town of Caledon

E-MAIL [REDACTED]	TELEPHONE NUMBER	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
Hello,
I plan to present my concerns with the location of cell towers, the lack of safety guidelines and concerns with the fast-track system that approves smaller structures (which would become a greater concern with the roll-out of 5g). I am unavailable in the month of September but much look forward to presenting met concerns in October of November.

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other **uncertain just yet**

Additional printed information/materials will be distributed with my delegation : Yes No Attached

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Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD 2019/10/15
--

NAME OF INDIVIDUAL(S) Shari Lichterman
--

POSITION(S)/TITLE(S) Director of Recreation

NAME OF ORGANIZATION(S) City of Mississauga

E-MAIL shari.lichterman@mississauga.ca	TELEPHONE NUMBER (905) 615-3200	EXTENSION 3700
--	---	--------------------------

REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED) To provide a status update on the Malton Community Hub project.

A formal presentation will accompany my delegation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Presentation format: <input checked="" type="checkbox"/> PowerPoint File (.ppt) <input type="checkbox"/> Adobe File or Equivalent (.pdf) <input type="checkbox"/> Picture File (.jpg) <input type="checkbox"/> Video File (.avi,.mpg) <input type="checkbox"/> Other <input type="text"/>
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Malton Community Hub Project Update

October 24, 2019 Peel Regional Council Meeting
Presented By: Shari Lichterman, Director of Recreation



Background

- City has been approached by community agencies in recent years to find a use for the former pool building attached to Lincoln Alexander school, across from the Malton Community Centre & Library.
- In 2017, City and Region collaborated on a study to inform community hub work in Malton (Malton Neighbourhood Community Data Summary Report). The report identified themes and potential service gaps to be referenced by groups developing hubs.
- Key Themes: Youth Drop-In space needs; Income and Employment supports needed; Increased need for seniors services including health/dental; Affordable Housing needs.
- Following these proposals and study work completed, in 2018 Regional Council passed a resolution directing staff to evaluate the cost to convert the building to a community hub with a commitment in principle to fund 2/3 of capital cost (City 1/3).

Malton Community Hub Project

- Regional staff conducted a preliminary costing study – reported to Council July 2018.
- \$6M included in Regional Budget; \$3M in City of Mississauga Capital Budget.
- Project Plan and Team developed following 2019 budget deliberations.
- Plan: following the models of other successful hubs, identify a lead agency to manage and operate the hub, and then select sub-agencies to complete service offerings.
- Project Team: City of Mississauga, Region of Peel, Peel District School Board, United Way.
- Request for Expression of Interest for Lead Agency released June 2019, 5 qualified submissions.
- 2 leading submissions invited to respond to Request for Proposal October 2019.

Next Steps

- Complete evaluation of RFP submissions and select Lead Agency. (2019)
- Enter into License & Operation Agreement with Lead Agency. (2019/2020)
- Finalize financial and operating plan and present to Councils. (2020)
- Launch process for sub-agency selection and formalize agreements. (2020)
- Based on services/agency needs, develop final program for building design. (2020)
- Design & Construction Phase. (2020-2022)

**Thank You
Questions?**

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10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD 2019/10/15
--

NAME OF INDIVIDUAL(S) Divya Arora Miranda Baksh

POSITION(S)/TITLE(S) Co-founders
--

NAME OF ORGANIZATION(S) Climate ChangeHERS
--

E-MAIL	TELEPHONE NUMBER	EXTENSION

REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED) To bring the Council's attention to a recent and on-going initiative based in Peel Region, to support climate action, environmental advocacy, and political literacy amongst youth. To highlight prominent concerns / issues, in Peel Region, regarding climate change and to suggest areas of improvement State the youth perspective and supporting initiatives in conjunction with the Climate Change Master Plan
--

A formal presentation will accompany my delegation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Presentation format: <input checked="" type="checkbox"/> PowerPoint File (.ppt) <input type="checkbox"/> Adobe File or Equivalent (.pdf) <input type="checkbox"/> Picture File (.jpg) <input type="checkbox"/> Video File (.avi,.mpg) <input type="checkbox"/> Other <input type="text"/>
Additional printed information/materials will be distributed with my delegation : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Attached

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Please complete and return this form via email to council@peelregion.ca



Divya Arora
Miranda Baksh
Aneta Brynkus
Samantha Casey
Mithila Jeganathan





FOR OFFICE USE ONLY

MEETING DATE YYYY/MM/DD 2019/10/24	MEETING NAME Regional Council
--	---

Attention: Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
2019/10/18

NAME OF INDIVIDUAL(S)
Smile Shi, Raymond Feng

POSITION(S)/TITLE(S)
Vice-President (Smile), Administrative Assistant (Raymond)

NAME OF ORGANIZATION(S)
1489168 Ontario Inc. / Al Premium Food Mart

E-MAIL info@alpremium.ca	TELEPHONE NUMBER [REDACTED]	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
Regarding the report to Regional Council on the Retail Business Closing By-law.

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other

Additional printed information/materials will be distributed with my delegation : Yes No Attached

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Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
2019/10/20

NAME OF INDIVIDUAL(S)
Andy Wong

POSITION(S)/TITLE(S)
Executive Assistant for 1910878 Ontario Inc.

NAME OF ORGANIZATION(S)
1910878 Ontario Inc., owner of Mississauga Chinese Centre.

E-MAIL [REDACTED]	TELEPHONE NUMBER [REDACTED]	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
If necessary, I would like an opportunity to speak and respond to the follow up report regarding the exemptions included in the Retail Business Closings By-Law (Agenda Item 14.1)

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other

Additional printed information/materials will be distributed with my delegation : Yes No Attached

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Please **complete** and return this form via email to council@peelregion.ca

FOR OFFICE USE ONLY

MEETING DATE YYYY/MM/DD October 24, 2019	MEETING NAME Regional Council
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Attention: Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD 2019/10/21
--

NAME OF INDIVIDUAL(S) Natalia Mezhonova

POSITION(S)/TITLE(S) Owner / Head designer
--

NAME OF ORGANIZATION(S) Blossom Moments Ltd.
--

E-MAIL info@blossom-moments.com	TELEPHONE NUMBER [REDACTED]	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED) Square One Stat holiday opening hours: benefits to small businesses as well as the region residents

A formal presentation will accompany my delegation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Presentation format: <input type="checkbox"/> PowerPoint File (.ppt) <input type="checkbox"/> Adobe File or Equivalent (.pdf) <input type="checkbox"/> Picture File (.jpg) <input type="checkbox"/> Video File (.avi,.mpg) <input type="checkbox"/> Other <input type="text"/>
Additional printed information/materials will be distributed with my delegation : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Attached

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E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
2019/10/21

NAME OF INDIVIDUAL(S)
David Wojcik

POSITION(S)/TITLE(S)
President & CEO

NAME OF ORGANIZATION(S)
Mississauga Board of Trade

E-MAIL ceo@mbot.com	TELEPHONE NUMBER [REDACTED]	EXTENSION
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
Item 14.1 - Tourism Exemptions

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other

Additional printed information/materials will be distributed with my delegation : Yes No Attached

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MEETING DATE YYYY/MM/DD 2019/10/24	MEETING NAME Regional Council
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Regional Municipality of Peel
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Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD 201910-21

NAME OF INDIVIDUAL(S) Peter Thoma

POSITION(S)/TITLE(S) Partner
--

NAME OF ORGANIZATION(S) urbanMetrics
--

E-MAIL pthoma@urbanmetrics.ca	TELEPHONE NUMBER (416) 351-8585	EXTENSION 226
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REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED) Request to delegate RE ITEM 14.1 - FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE PEEL RETAIL BUSINESS CLOSINGS BY-LAW

A formal presentation will accompany my delegation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Presentation format: <input type="checkbox"/> PowerPoint File (.ppt) <input checked="" type="checkbox"/> Adobe File or Equivalent (.pdf) <input type="checkbox"/> Picture File (.jpg) <input type="checkbox"/> Video File (.avi,.mpg) <input type="checkbox"/> Other <input type="text"/>
Additional printed information/materials will be distributed with my delegation : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attached

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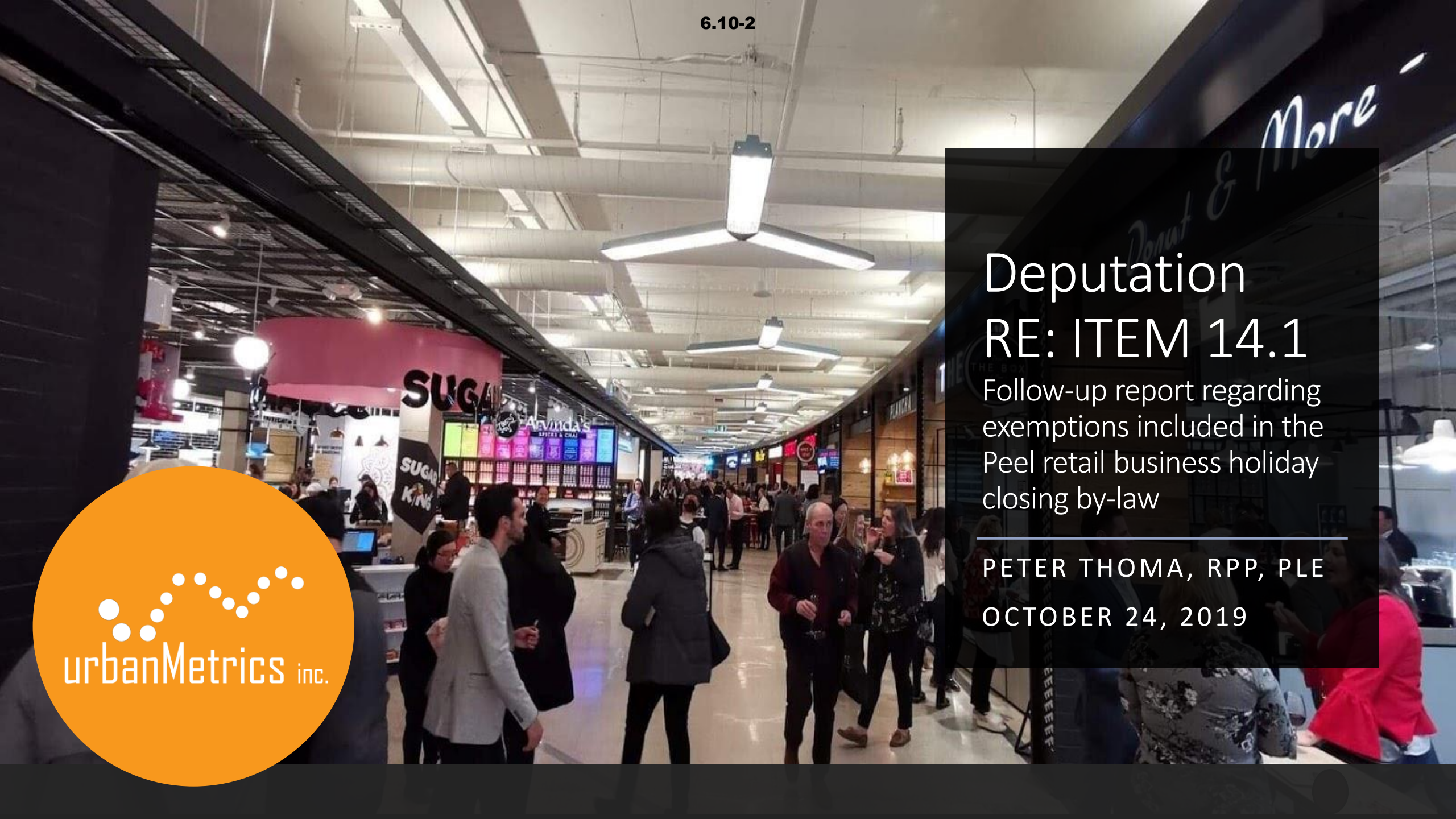
Please complete and return this form via email to council@peelregion.ca

Deputation RE: ITEM 14.1

Follow-up report regarding
exemptions included in the
Peel retail business holiday
closing by-law

PETER THOMA, RPP, PLE

OCTOBER 24, 2019



Working with you

About Us

We carried out the research on behalf of Peel Region in 2018

... and stakeholders

The Public



Retail Workers



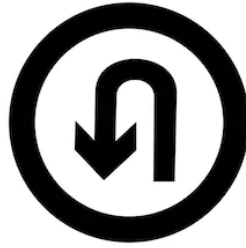
Retail Businesses



Removal of Grandfathering provisions

Not in the public interest.

6.10-4



Not the right way forward

- *reverses previous decisions by local and regional council, including decisions which receive unanimously support*
- *discounts the legal process which SQ1, BCC and others have followed as per the previous approved by-law*
- *ignores the decision of the OMB/LPAT, which determined Square One and BCC do indeed meet the definition of a tourism attraction*

Does not adequately reflect the input of public consultation process

4,000 residents, workers and business were consulted in 2018

6.10-5



Off Message

- **51%** of all residents favoured more permissive approach to regulating store hours
- **58%** of residents aged 18-34 indicated that they would like more flexibility in holiday shopping hours in Peel
- **60%** of store workers aged 18-34 indicated they would like to see more flexibility in holiday shopping hours
- **63%** of merchants indicated that they would like to merchants provided more flexibility in holiday shopping hours of regulation

Recommendation

*Ensure that there is a **progressive** policy approach which allows businesses, employees and customers to engage in an activity that supports strong and diverse communities.*



6.10-6

Consultant's Take

We agree with the Oct. 11/19 staff report which recommends that previous exemptions that were gained through an established legal process (as developed by the Region) should remain in-tact (i.e. grandfathered).

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MEETING DATE YYYY/MM/DD 2019/10/24	MEETING NAME Regional Council
--	---

Attention: Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive, Suite A
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 4582
E-mail: council@peelregion.ca

DATE SUBMITTED YYYY/MM/DD
201910-21

NAME OF INDIVIDUAL(S)
Greg Taylor

POSITION(S)/TITLE(S)
Director & General Manager

NAME OF ORGANIZATION(S)
Square One Shopping Centre

E-MAIL gtaylor@oxfordproperties.com	TELEPHONE NUMBER [REDACTED]	EXTENSION
---	---------------------------------------	-----------

REASON(S) FOR DELEGATION REQUEST (SUBJECT MATTER TO BE DISCUSSED)
ITEM 14.1: Follow-up report regarding exemptions included in the Retail Business Closing By-law

A formal presentation will accompany my delegation Yes No

Presentation format: PowerPoint File (.ppt) Adobe File or Equivalent (.pdf)
 Picture File (.jpg) Video File (.avi,.mpg) Other

Additional printed information/materials will be distributed with my delegation : Yes No Attached

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Please complete and return this form via email to council@peelregion.ca



Item 14.1 Retail Business Holiday Closings,
Deputation to Peel Regional Council, October 24, 2019

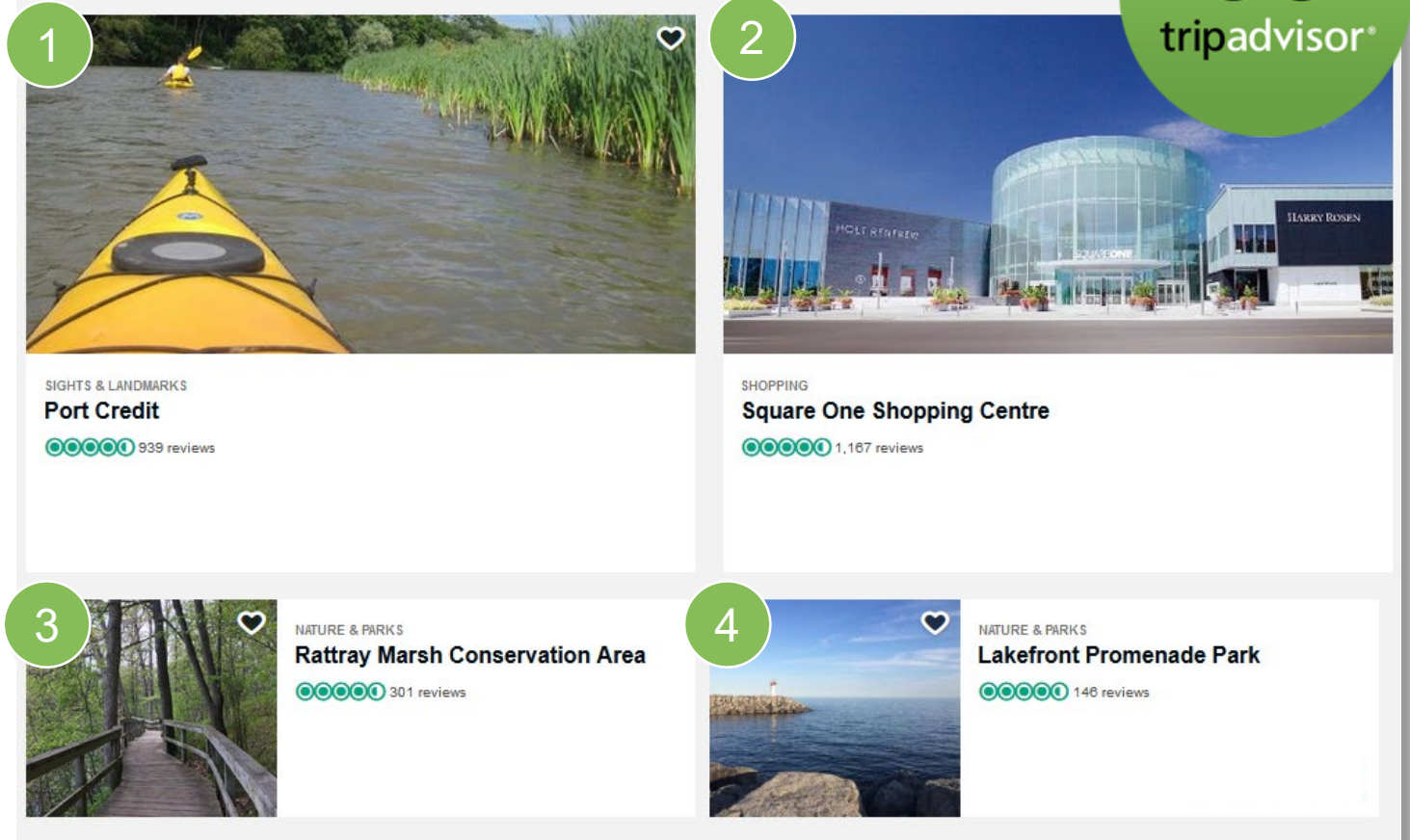
Greg Taylor
Director and General Manager



SQUARE ONE

Square One is a Unique Destination



- We are a leading global destination for best-in-class shopping, dining and entertainment
- Residents of Peel bring their guest to SQ1
- SQ1 is routinely featured as Mississauga's top-destination or attraction
- Since 1999, SQ1 has opened on 60+ statutory holidays – *without incident*

Top Attractions in Mississauga





1  

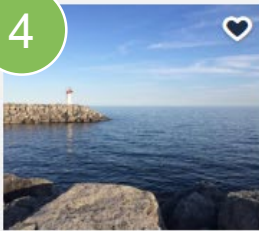

SIGHTS & LANDMARKS
Port Credit
★★★★☆ 939 reviews

2  


SHOPPING
Square One Shopping Centre
★★★★☆ 1,187 reviews

3  

NATURE & PARKS
Rattray Marsh Conservation Area
★★★★☆ 301 reviews

4  

NATURE & PARKS
Lakefront Promenade Park
★★★★☆ 146 reviews



Exemptions for holiday openings are very important to our guests and employees

- SQ1 is identified as a 'Tourism Asset' in the Mississauga Tourism Master Plan
- Our holiday shopping program adds significant profile to the City and the Region
- Our data show that visitation to SQ1 on statutory holidays is growing
- Removal of grandfathering provisions would simply redirect expenditures *outside* the Region

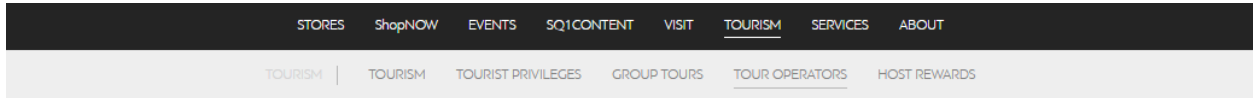
What's open and closed Family Day 2019 in Toronto

Open

- **CF Markville** (5000 Hwy 7) - 11 a.m. to 6 p.m.
- **CF Toronto Eaton Centre** (220 Yonge St.) - 11 a.m. to 7 p.m.
- **Hillcrest Mall** (9350 Yonge St.) - 11 a.m. to 6 p.m.
- **Pacific Mall** (4300 Steeles Ave. E.) - 11 a.m. to 8 p.m.
- **Promenade** (1 Promenade Cir.) - 11 a.m. to 6 p.m.
- **Square One Shopping Centre** (100 City Centre Dr.) - 11 a.m. to 6 p.m.
- **Toronto Premium Outlets** (50 Steeles Ave. W.) - 9:30 a.m. to 7 p.m.
- **Vaughan Mills** (1 Bass Pro Mills Dr.) - 10 a.m. to 7 p.m.
- **Yorkville Village** (55 Avenue Rd.) - 10 a.m. to 6 p.m.



SQ1 is a tourism development partner



HOME / TOURISM

TOUR OPERATORS

WELCOME TRAVEL PROFESSIONALS

Square One is pleased to partner with travel professionals to create the ultimate shopping experience for your guests. From developing customized programs to creating added value to a tour package, we offer many special services and programs designed specifically for the FIT and tour group market.

TOURIST PRIVILEGES

Enhance your guests' Square One experience with our [Tourist Privileges](#) program, designed to provide out-of-town visitors with access to an exclusive assortment of retail and dining offers.

FIT

To welcome visitors from the FIT market, we can create customized vouchers for your clients to redeem at our Guest Experience Kiosks to receive their Travel Privileges. These vouchers can be tailored to include language translations and your company logo. Please [contact us](#) for more information.

TOUR GROUP SERVICES

Groups of any size are invited to experience Square One.

With 320+ shops, services, dining, and entertainment options, Square One is Canada's foremost fashion, lifestyle, and entertainment destination – perfect for shopping excursions and international groups.



SQUARE ONE

Our Request:

Peel Regional Council support, protect and retain Square One's previous RBHA exemptions as per By-law 105-2009 and By-law 33-2010, including:

- New Years Day
- Family Day
- Victoria Day
- Canada Day
- Labour Day and
- Thanksgiving Day



For Information

DATE: October 15, 2019

REPORT TITLE: **REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G WIRELESS TECHNOLOGY**

FROM: Cathy Granger, Acting Commissioner of Health Services
Jessica Hopkins, MD MHScc CCFP FRCPC, Medical Officer of Health

OBJECTIVE

To inform Regional Council on the findings of Public Health's research review on radiofrequency electromagnetic field (RF-EMF) exposure from 5G wireless technology and the potential impacts on human health.

REPORT HIGHLIGHTS

- 5G refers to the next iteration (fifth generation) of wireless cellular technologies.
- Safety Code 6, administered by Health Canada, encompasses the evidence-based safety limits for human exposure to RF-EMFs in the range of 3 kHz to 300 GHz, which includes the operating frequency range of 5G and other wireless communication technologies.
- Current evidence does not identify any health impacts associated with exposures to 5G wireless technology that fall within Health Canada's Safety Code 6 requirements.
- As 5G is a new technology, specific research on its human health impacts is ongoing. However, extensive research on similar exposures around RF-EMF has not demonstrated any human health impacts associated with technology operating within Health Canada's Safety Code 6 requirements.
- Reputable health agencies worldwide have concluded that, based on available evidence, there is no scientific evidence to indicate that RF-EMFs cause negative health outcomes.
- Public Health will continue to monitor and review new evidence on potential health impacts associated with exposure to 5G wireless technology and RF-EMF.

1. Background
a) Radiofrequency electromagnetic fields

Radiofrequency electromagnetic fields (RF-EMFs), also known as radiofrequency (RF) energy, are part of the electromagnetic field (EMF) spectrum. RF-EMFs range in frequency from 3 kilohertz (kHz) to 300 gigahertz (GHz) and are emitted by various devices including navigational radar, radios, baby monitors, microwaves and wireless communication technologies such as cell phones, cordless phones, and Wi-Fi (see Appendix I for a graph of the EMF spectrum). RF-EMFs are lower in energy than ionizing EMFs, such as x-rays and gamma rays, and cannot break bonds between atoms and

7.1-2

REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G WIRE

molecules. In contrast, ionizing EMFs are high in energy and can break the bonds between atoms and molecules, which can damage DNA and cells.

b) 5G wireless technology

5G refers to the next iteration (fifth generation) of wireless cellular technologies that will use RF energy to transmit data. 5G is being deployed to provide people with access to greater bandwidth, higher data speeds, improved network responsiveness, and to allow for many more electronic devices to be connected to the network. 5G will initially operate in conjunction with existing 4G networks before evolving to fully stand-alone networks in subsequent releases and coverage expansions. 5G technologies will operate within the RF-EMF range, both within the low-mid band (below 6 GHz) part of the spectrum that existing cellular technologies rely on, and at a higher frequency range called the millimetre wave spectrum (30 to 300 GHz).

Millimetre waves are easily blocked by obstacles such as walls and buildings and do not travel as far as the frequencies currently used for mobile communication. To overcome this, 5G networks will need a much greater density of small cells to help improve signal coverage and to add capacity. These are physically smaller radio installations and antennas placed on structures such as streetlights, the sides of buildings, and poles that complement larger radio installations (also known as cell towers or macro cells) in improving capacity and signal coverage, particularly in highly populated urban areas with high network demand.

5G technology is not yet available to the general public in Canada but is commercially available to consumers in certain areas within Switzerland, the United States of America, South Korea and China. It is expected to launch in Canada as early as 2020.

c) Concerns with RF-EMF Exposure and Human Health

A delegation to Regional Council on June 27, 2019, raised questions about the safety of 5G wireless technology and possible health impacts. The delegate expressed concern with how 5G will operate in the higher frequency millimetre wave part of the RF-EMF spectrum, and the possible close location of small cell antennae to homes, and facilities such as daycares. These concerns mirror similar questions raised in other settings internationally.

d) The federal government's role in regulating RF-EMF

Health Canada's guideline document, titled Limits of Human Exposure to Radiofrequency Electromagnetic Energy in the Frequency Range from 3 kHz to 300 GHz, commonly referred to as Safety Code 6 ('Safety Code') sets the exposure limits to RF-EMF to protect human health. The Safety Code outlines the evidence-based safety limits for human exposure to RF-EMFs including the portions of the RF spectrum in which 5G technologies will operate. The limits incorporate at least a 50-fold safety margin to provide a significant level of protection for the public as well as those working near RF-EMF sources. Innovation, Science and Economic Development Canada has adopted the Safety Code to protect the public against overexposure to RF-EMFs from wireless devices and antenna installations. The Safety Code is reviewed on a regular basis, most recently in 2015, to ensure that it provides protection against all known

REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G WIRE

potentially harmful health effects. The Safety Code is consistent with science-based limits used in other parts of the world including the United States, European Union, Japan and Australia.

e) Findings of past research on RF-EMF exposure from Wi-Fi in schools

In 2013, at the request of the two English school boards, Peel Public Health reviewed the research evidence on the health effects of exposure to Wi-Fi. The review found that the scientific evidence indicated that exposure to Wi-Fi was not harmful to humans. At that time, Public Health committed to monitoring and reviewing the evidence associated with exposure to Wi-Fi. In 2015, Public Health staff reviewed the Royal Society of Canada Expert Panel report, titled “A Review of Safety Code 6 (2013): Health Canada’s Safety Limits for Exposure to Radiofrequency Fields”. The Expert Panel found that the balance of evidence, at that time, did not indicate negative health effects from exposure to RF energy below the recommendations in the Safety Code. The Panel did note that research on many of the health effects was ongoing and that it was possible that the finding of future studies may alter this balance of evidence.

2. Findings

Public Health staff conducted a review of the research evidence on potential health effects associated with exposure to 5G wireless technology; completed an environmental scan to determine the publicly stated, evidence-based positions held by authoritative health related organizations on 5G exposure and health effects; and contacted Public Health Ontario and Health Canada to determine if either of those agencies were conducting a research review on 5G.

a) Evidence Review

A review of the literature was conducted using peer-reviewed articles on the health effects of exposure to 5G wireless technologies published from 2014 to July 2019. The literature search was built on the previous research review conducted in 2013 by Public Health staff on the health effects from Wi-Fi. Studies included in the literature review were guidelines, expert panel reports, literature reviews and human epidemiological studies.

Current evidence does not identify any health impacts associated with exposures to 5G wireless technology that fall within Health Canada Safety Code 6 requirements. 5G is a relatively new technology and no human epidemiological studies have been conducted. As a result, the research review was then focused on the health effects of exposure to millimetre waves (as 5G will operate partly in the millimetre wave range, a part of the RF-EMF spectrum currently unused for wireless communication). The best available research did not find negative impacts on human health at levels below exposure limits (i.e., Safety Code 6 or the International Commission of Non-ionizing Radiation Protection guidelines). The research came from two expert panel reviews on RF-EMFs. The first by the Scientific Committee on Emerging and Newly Identified Health Risks (2015) from Europe, and the second from the Royal Society of Canada expert panel (2013).

REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G WIRE

b) Health Agency Reviews on RF-EMF and Potential Health Effects

Several authoritative health agencies worldwide have reviewed the evidence on the potential effects of RF-EMF on human health. Health agencies such as the International Commission on Non-Ionizing Radiation Protection and the Australian Radiation Protection and Nuclear Safety Agency have indicated that there is no established scientific evidence for an association between adverse health effects and exposure to RF-EMFs below allowable exposure limits. The World Health Organization (WHO), Public Health England and the U.S. Food and Drug Administration (FDA) have indicated that, to date, no adverse health effects have been established as being caused by RF-EMF exposure from mobile phone use or mobile phone base stations.

In 2011, the International Agency for Research on Cancer (IARC), a World Health Organization agency, categorized RF-EMF as possibly carcinogenic (Group 2B). IARC classifies carcinogenicity into categories: Group 1 for definite human carcinogens; Group 2A for probable human carcinogens; Group 2B for possible human carcinogens; and Group 3 for agents not classifiable as to its human carcinogenicity. The Group 2B category is used when a cause and effect relationship is considered credible, but where the possibility that chance, bias, or confounding factors that could explain the association cannot be eliminated with reasonable certainty. Other substances classified in Group 2B include: extremely low frequency electromagnetic fields (power line frequency), ginkgo biloba extract and talc-based body powder.

IARC classified RF-EMF in Group 2B based on limited evidence for an association between wireless phones and glioma and acoustic neuroma (two types of brain tumour). However, the evidence was mixed, and the results may not represent a true relationship because of methodological limitations such as the inability to accurately assess level of exposure to RF-EMF. Of note, RF-EMF exposure is dependent on the generation of mobile technology, and studies considered in IARC's assessment would have been based on exposures to older mobile phone technology. Newer generations of mobile phone technology emit lower RF power than those of previous generations, and therefore would result in lower RF-EMF exposure levels from mobile phones.

c) Consultations with Federal and Provincial Agencies

Public Health consulted with Health Canada in June 2019 on the current state of research and to determine their plans to review the Safety Code. Health Canada indicated that they are not planning to review the Safety Code at this time. The Safety Code was last revised in 2015 and currently includes the frequencies used for 5G technology. They also stated that they are reviewing new research evidence in this area.

In 2010, Public Health Ontario conducted a review of the research evidence on wireless (Wi-Fi) technology and health outcomes. The review found that there was no plausible evidence that would indicate that public exposures to Wi-Fi were causing adverse effects on health. Staff contacted Public Health Ontario in May 2019, and again in August 2019, to inquire about their plans to update this research review. Public Health Ontario advised staff that they were in the process of completing a research review on RF-EMFs and 5G and expect it to be finalized in the fall of 2019.

REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G WIRE

3. Next Steps

As wireless communication technologies evolve, the body of research evidence on the impact of new technologies on human health will grow. Updated research reviews and guidelines on RF-EMF exposure from Public Health Ontario, World Health Organization and the International Commission on Non-Ionizing Radiation Protection are in progress. Staff will monitor and review new research evidence on health effects and issue new guidance if appropriate.

CONCLUSION

Current evidence does not identify any health impacts associated with 5G wireless emissions that fall within Health Canada Safety Code 6 requirements. There is good quality research available on exposure to RF-EMFs, including the higher frequency millimetre waves that 5G will use. The best available research found no negative impact on human health at levels below exposure limits (i.e. Safety Code 6 or the International Commission of Non-Ionizing Radiation Protection guidelines). The review findings are consistent with various other health-related organizations such as Health Canada. Staff will continue to monitor and review new evidence related to 5G wireless technology.



Cathy Granger, Acting Commissioner of Health Services



Jessica Hopkins, MD MSc CCFP FRCPC, Medical Officer of Health

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

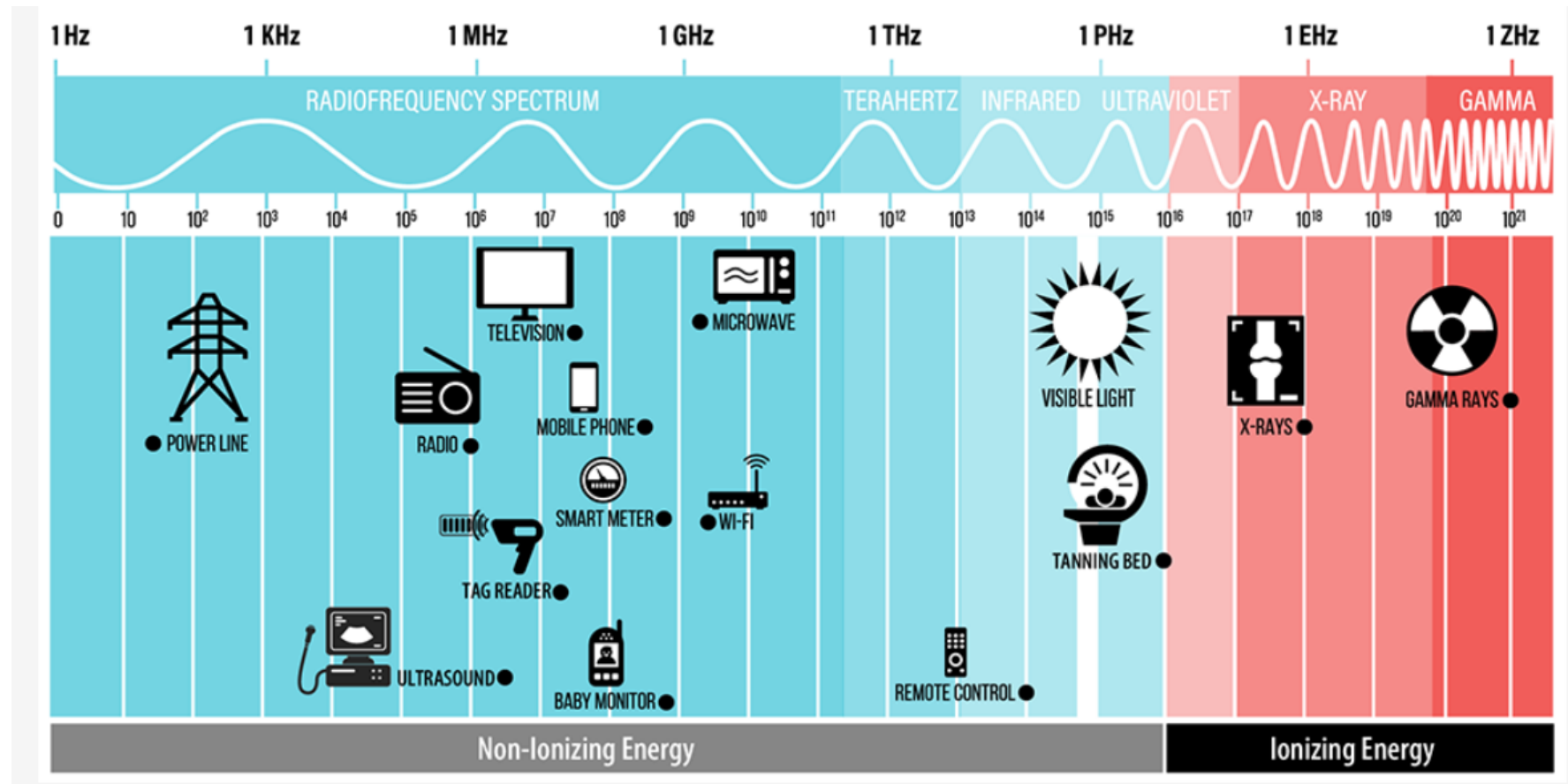
Appendix I – Examples of Energy Sources on the Electromagnetic Spectrum

For further information regarding this report, please contact Louise Aubin, Acting Director, Health Protection, extension 2479, louise.aubin@peelregion.ca.

Authored By: Michelle Ng, Analyst Research and Policy extension 2472

**APPENDIX I
REVIEW OF POTENTIAL HEALTH EFFECTS OF EXPOSURE TO RADIOFREQUENCY ELECTROMAGNETIC FIELDS FROM 5G
WIRELESS TECHNOLOGY**

EXAMPLES OF ENERGY SOURCES ON THE ELECTROMAGNETIC SPECTRUM



Source: Industry Canada. Radiofrequency energy and safety. [updated 2019 Feb. 14]. Available from: <https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf11467.html#s8>

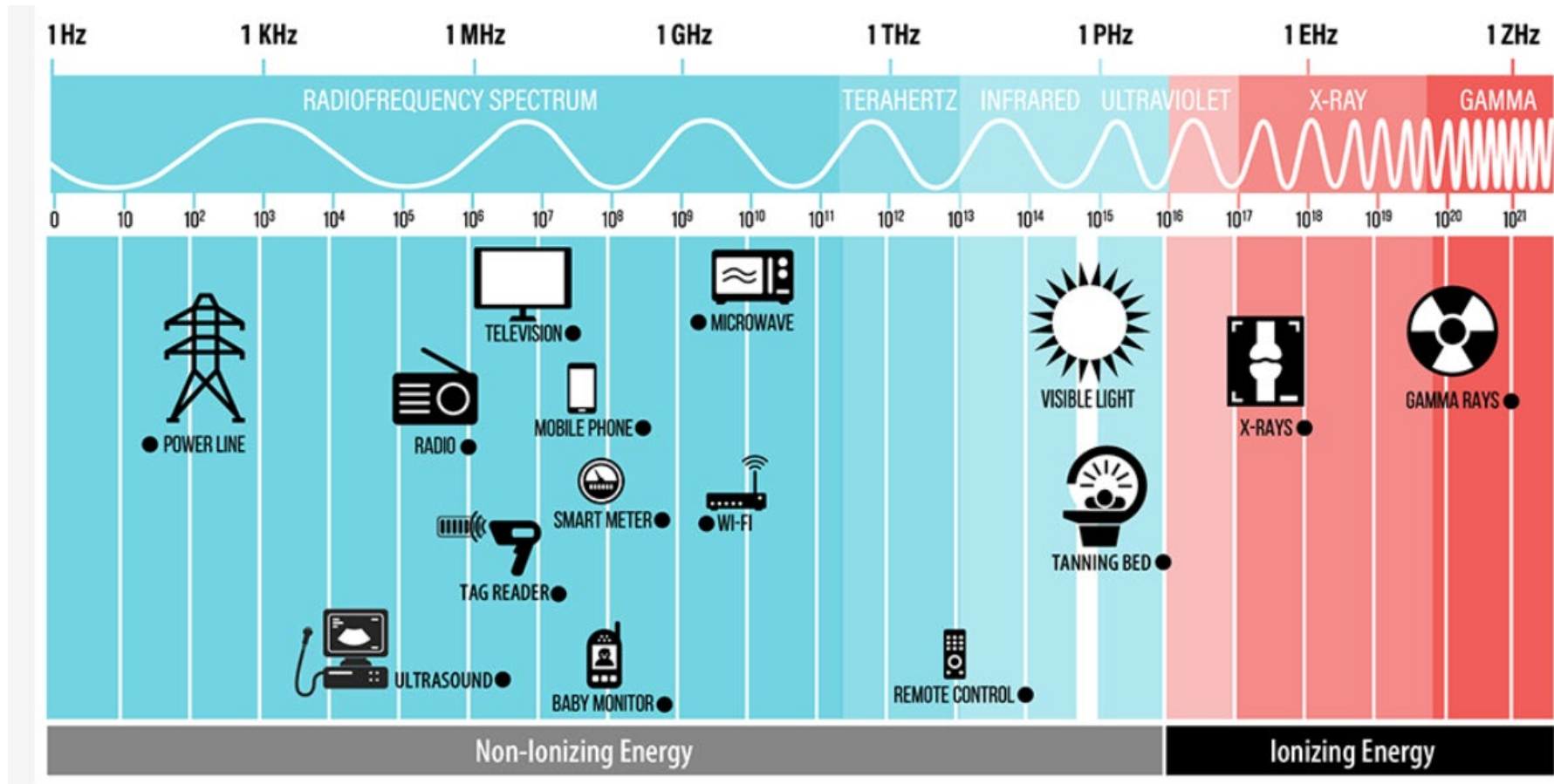


Review of potential health effects of exposure to radiofrequency electromagnetic fields from 5G wireless technology

**October 24, 2019
Regional Council**

Jessica Hopkins, MD MHScc CCFP FRCPC
Medical Officer of Health, Region of Peel

Radiofrequency Electromagnetic Fields (RF-EMF)



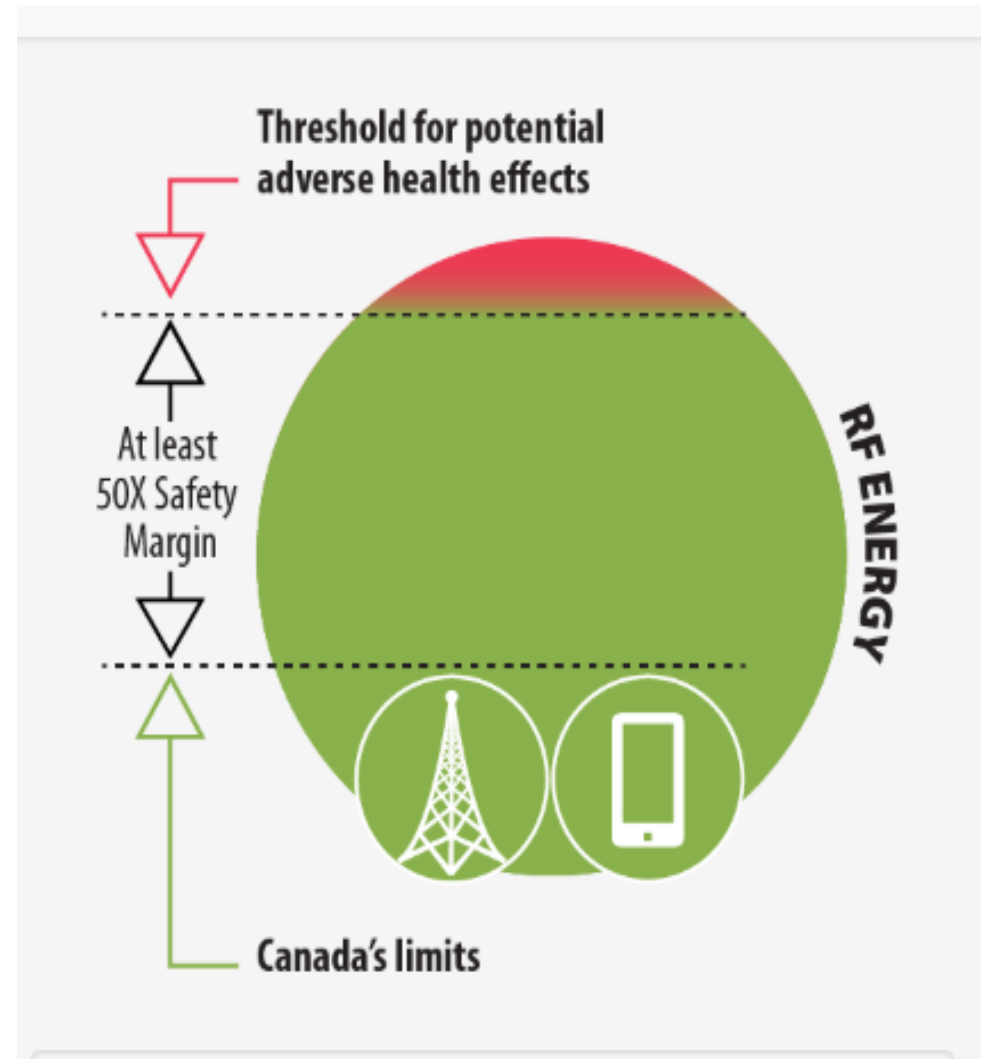
Source: Industry Canada. Radiofrequency energy and safety. [updated 2019 Feb. 14]. Available from: <https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf11467.html#s8>

5G Wireless Technology

- The fifth generation of wireless cellular technologies that will operate:
 - within the current RF-EMF range for wireless technology (below 6 GHz), and
 - at a higher frequency range called the millimetre wave spectrum (30 to 300 GHz)
- Requires a dense network of small cells
- Expected to launch in Canada as early as 2020

Health Canada's Safety Code 6

- Science-based
- Consistent with other countries



Research Review: Potential Health Impacts of 5G

- Reviewed peer-reviewed literature and health and scientific agency reports published since 2014
- No 5G specific research was identified

Review of Potential Health Impacts of Millimetre Waves

- Expanded the review to identify relevant studies on the health effects of exposure to millimetre waves
- Two higher-quality reports found:
 - 2015 SCENIHR Opinion
 - 2014 Royal Society of Canada Expert Panel report

Key Findings

- Current evidence does not identify health impacts associated with exposure to 5G wireless technology that complies with Safety Code 6.
- Although 5G is new, extensive research has been conducted on similar exposures around RF-EMF, which found no human health impacts of technology that meet Safety Code 6.

Health-Related Organizations: Evidence-Based Positions

- Several health agencies (e.g., World Health Organization) have reviewed the evidence on the effects of RF-EMF on human health.
- **General consensus:**
Currently no convincing scientific evidence that RF-EMF below the allowable exposure limits causes negative health outcomes.

Next Steps

- Updated research reviews and guidelines are in progress from:
 - Public Health Ontario,
 - the World Health Organization, and
 - the International Commission on Non-Ionizing Radiation Protection
- Peel Public Health will continue to monitor and review new evidence on health impacts associated with exposure to 5G and RF-EMF.



Questions?



DATE: October 15, 2019

REPORT TITLE: **PEEL PUBLIC HEALTH STRATEGIC PRIORITIES FOR THE FUTURE**

FROM: Cathy Granger, Acting Commissioner of Health Services
Jessica Hopkins, MD MHSc CCFP FRCPC, Medical Officer of Health

RECOMMENDATION

That the finalized Public Health Strategic Priorities as outlined in Section 2 and Appendix I and II of the report from the Acting Commissioner of Health Services and Medical Officer of Health, titled “Peel Public Health Strategic Priorities for the Future”, be endorsed;

And further, that the Chair of the Peel Board of Health (Regional Chair) submit a copy of the report to the new Board of Health of the regional public health entity covering Peel, once created.

REPORT HIGHLIGHTS

- This report presents the following Public Health Strategic Priorities for the Future: Enabling Active Living and Healthy Eating, Promoting Mental Wellbeing, Reducing Health-Related Impacts of Climate Change, Advancing Health Equity, and Practicing Effective Public Health.
- The priority areas reflect health needs based on local data and input from partner organizations, Public Health clients, and staff.
- The identified priorities will be recommended to the new Board of Health of the regional public health entity and used to advocate for Peel-relevant issues.

DISCUSSION

1. Background

On May 23, 2019, Regional Council, as the Board of Health, endorsed strategic topic areas as part of the report “Peel Public Health Strategic Priorities for the Future”. This report presents the finalized priorities and recommends its submission to the new Board of Health of the regional public health entity covering Peel, once created.

Peel Public Health is mandated by the Ontario Public Health Standards to have a strategic plan. The status of the 2014-2019 plan has been presented to Council on a number of occasions, as described in the February 14, 2019, “Public Health Introduction and 2014-2019 Strategic Priority Status” report.

PEEL PUBLIC HEALTH STRATEGIC PRIORITIES FOR THE FUTURE

Peel Public Health strategic priorities for the future are based on a comprehensive process started in 2018 to inform a new strategic plan. Various sources of information were used to identify and validate emerging topic areas relevant to the needs of Peel residents, including consultations with stakeholders, members of the public and staff, a review of key internal and external documents, and consideration of provincial and regional mandates. A review of population health data was also presented to Council in the May 23, 2019, council report entitled “The Changing Landscape of Health in Peel: A Comprehensive Health Status Report”.

With the pending Modernization of the Ontario Public Sector announced in the 2019 Ontario Budget, the province intends to create new public health entities with the proposed amalgamation of Peel Public Health with other public health units. Peel Public Health strategic priorities for the future will ensure that planning for current and new initiatives is focused on addressing the needs of Peel communities regardless of the future structure. Additionally, public health priorities will support the Region of Peel Strategic Plan vision of Community for Life and specific Term of Council Priorities, by working with partners to advance community safety and well-being and build environmental resilience, among others.

2. Strategic Priorities

The following priorities for Peel Public Health have been identified as areas of focus for the years 2020 to 2029. The program priorities were endorsed as strategic topic areas by Regional Council on May 23, 2019, as part of the report “Peel Public Health Strategic Priorities for the Future”. In addition, an enabling priority, “Practicing Effective Public Health”, was included given its importance in fostering efficient, quality and evidence-based practices across all public health programs.

Enabling Active Living and Healthy Eating	Peel residents live in a community that supports healthy eating and active living. Chronic disease risks are reduced because people eat well, are active throughout the day, and reduce their sedentary behaviour and screen time.
Promoting Mental Wellbeing	Peel residents live in socially supportive and connected communities where they experience high mental wellbeing and low mental illness for positive health outcomes. There is an increase in Peel resident’s exposure to protective factors for mental wellbeing (e.g., physical activity) and a reduction in their exposure to risk factors for mental illness (e.g., problematic substance use).
Reducing Health-Related Impacts of Climate Change	Peel residents and communities are more resilient to the adverse health outcomes and public exposure to health hazards related to climate change, with a focus on public health emergency management and mitigating the effects of rising temperatures, vector-borne diseases, food and waterborne illness, food insecurity, poor air quality, extreme weather events, and UV exposure.
Advancing Health Equity	Health inequities among Peel residents are identified, with a deeper understanding of root causes and the social disadvantages that limit opportunities for health. Planning and intervening with relevant

PEEL PUBLIC HEALTH STRATEGIC PRIORITIES FOR THE FUTURE

	stakeholders and priority populations would inform and support actions to reduce inequities.
Practicing Effective Public Health	The work of public health is to effectively address local health issues and improve the overall health of the population. To do so, every public health program should have access to the best available data and other evidence, and have the skills necessary for knowledge exchange, program planning and evaluation, and continuous quality improvement.

Further details on the Peel Public Health Strategic Priorities for the Future are provided in Appendices I and II.

RISK CONSIDERATIONS

Improving the health of Peel residents requires advancing strategic work that addresses the unique and changing needs of Peel's population. If the identified priorities are not fully considered by the new regional public health entity, there may be gaps in achieving strategic objectives and priority needs of Peel's population. There is also the potential that public health transformation will result in not providing sufficient funding to implement these priorities. In turn, this will limit Peel Public Health's ability to contribute to advancing the Regional vision of Community for Life and the 2018-2022 Term of Council Priorities.

As reported in the May 9, 2019, "Modernization of Ontario Public Health Units in the 2019 Ontario Budget" report, with the formation of a new Board of Health and regional public health entity, Regional Council as a whole will have less influence to inform program planning, although the Province has indicated that municipal representation will be important in the new structure.

NEXT STEPS

Upon Regional Council approval, the "Peel Public Health Strategic Priorities for the Future" will be presented to the new Board of Health of the regional public health entity. A plan to share this information with local municipalities and other relevant stakeholders is in place. Peel Public Health will continue to use the strategic priorities to inform program planning until the transition to the new Board of Health and regional public health entity occurs.



Jessica Hopkins, MD MHS Sc CCFP FRCPC, Medical Officer of Health



Cathy Granger, Acting Commissioner of Health Services

PEEL PUBLIC HEALTH STRATEGIC PRIORITIES FOR THE FUTURE

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I – Summary of Peel Public Health Strategic Priorities for the Future

Appendix II – Peel Public Health Strategic Priorities for the Future (Report)

For further information regarding this report, please contact Jessica Hopkins, Medical Officer of Health, Ext. 2856, jessica.hopkins@peelregion.ca.

Authored By: Jaspreet Kaur Singh, Ext 2077 and Amy Mason, Ext 2097

Region of Peel

Strategic priorities for the future**Practicing Effective Public Health**

Vision: Evidence informed decision-making, quality improvement and effective service delivery continue to support programs to improve the overall health of the population.

**Enabling Active Living and Healthy Eating**

Vision: Peel residents live in a community that supports healthy eating and active living.

**Promoting Mental Wellbeing**

Vision: Peel residents live in socially supportive and connected communities where they experience high mental wellbeing and low mental illness.

**Reducing Health-Related Impacts of Climate Change**

Vision: Peel residents and communities are more resilient to the adverse health outcomes and hazards of climate change.

**Advancing Health Equity**

Vision: Health inequities among Peel residents are identified and programs are designed with a deeper understanding of the social disadvantages that affect health.



2020 - 2029 Strategic Priorities for the Future



Peel Public Health

Message from the **Chair of Regional Council and the Board of Health**



Nando Iannicca

As Chair of Regional Council and the Board of Health, I am pleased to share the Peel Public Health Strategic Priorities for the Future with our community. Over the next decade, Peel will continue to grow from 1.4 million to 1.8 million residents by 2031. While growth is a common theme in many municipalities in Ontario, Peel has many unique features, including its diversity with more than half of us being immigrants. The priorities presented in this document are central to provide programs and services that address the needs of Peel's unique population.

The Province has proposed a number of changes to the funding, governance and structure of local public health units like Peel Public Health. Regional Council as the Board of Health has advocated for ensuring Peel Public Health has sufficient resources to continue delivering vital programs and services to the community. By identifying the Peel Public Health Strategic Priorities for the Future, the Board of Health is ensuring that our community's investment in public health will have the most positive impact on the health of Peel residents.

The Board of Health looks forward to working with staff and community partners to continue to address the evolving public health needs of Peel residents and realize the Region of Peel's vision of **Community for Life**.

Message from the **Medical Officer of Health**



Dr. Jessica Hopkins

On behalf of Peel Public Health and the many community members and organizations that contributed to this work, I am pleased to present the Peel Public Health Strategic Priorities for the Future.

Strategic priorities for public health are important to address the most significant and emerging health challenges in Peel and allow us to focus our efforts to have the most positive impact for the community. As the Province undertakes significant transformation in the public health system, these priorities will clearly articulate and advocate for the needs of Peel residents.

The Peel Public Health Strategic Priorities for the Future are:

- Practicing Effective Public Health
- Enabling Active Living and Healthy Eating
- Promoting Mental Wellbeing
- Reducing Health-Related Impacts of Climate Change
- Advancing Health Equity

These strategic priorities are the result of a comprehensive process that started in early 2018. The process included a review of mandates and key professional practice documents, consideration of new population health data, and consultation with community partners, residents and staff.

Collaboration with local Peel community partners is a cornerstone to advancing public health priorities. Over the years, Peel Public Health has worked in close collaboration with municipalities, school boards, police, the health care system, and numerous community agencies and organizations in order to achieve the desired population health outcomes. A significant consultation effort was made to ensure that our partners continue to be central in improving and maintaining the health of the Peel community.

Our hope is that this paper will inform decision-making to ensure that collectively we continue to meet the public health needs of Peel residents. Peel Public Health looks forward to working within the transformed public health system to further advance a healthy, safe and connected community.

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Executive Summary

This document presents strategic priorities based on the public health needs of Peel residents, now and in the future.



Practicing Effective Public Health

Vision: Evidence informed decision-making, quality improvement and effective service delivery continue to support programs to improve the overall health of the population.



Enabling Active Living and Healthy Eating

Vision: Peel residents live in a community that supports healthy eating and active living.



Promoting Mental Wellbeing

Vision: Peel residents live in socially supportive and connected communities where they experience high mental wellbeing and low mental illness.



Reducing Health-Related Impacts of Climate Change

Vision: Peel residents and communities are more resilient to the adverse health outcomes and hazards of climate change.



Advancing Health Equity

Vision: Health inequities among Peel residents are identified and programs are designed with a deeper understanding of the social disadvantages that affect health.

Our local strategic priorities are the result of a comprehensive process of analysis and consultation that Peel Public Health started in 2018. However, in April 2019 the Provincial Government announced a transformation of the Ontario public health sector that could see the creation of new regional public health entities with new boundaries. Even so, the identification of local public health priorities ensures that, regardless of the governance structure, public health initiatives are focused on the right things, receive the resources needed for success, and adapt to the changing realities of Peel communities.

This document describes the Public Health Way followed by the five strategic priorities that address the public health needs of Peel residents. Additionally, it outlines important considerations to move these priorities forward.

Introduction

Public health works towards improving health and quality of life, decreasing death and disease, and reducing health inequities among population groups.¹ Improving the health of Peel's residents requires a strategy that is uniquely tailored to the needs of our population: one that considers our diverse community – over half of which are immigrants – and a rapidly growing and aging population. In effect, Peel's population is currently about 1.4 million, and is projected to be close to 1.8 million by 2031.^A This is expected to generate a greater demand for services to meet community needs.

The Ontario Public Health Standards require Boards of Health to identify their priorities through a multi-year strategic plan. In 2018, Peel Public Health started a comprehensive process to develop strategic priorities that address our community's current and emerging public health issues. Our strategic priorities were developed following a status assessment of our 2014-2019 priorities (Appendix A); a review of the latest population health data and key reference documents; and public, stakeholder and staff consultations (for further details see Appendix B). It should be noted that although all public health work is important, some of our work requires a level of attention, planning and additional resourcing to achieve significant gains in the health of the general public. We refer to this work as our strategic priorities.

Based on our comprehensive process of analysis and consultation, the five priorities for Peel are:

- Practicing Effective Public Health
- Enabling Active Living and Healthy Eating
- Promoting Mental Wellbeing
- Reducing Health-Related Impacts of Climate Change
- Advancing Health Equity

Earlier this year the Provincial government communicated its intention to significantly change the way public health is run in Ontario. The current proposal is to create new and larger regional public health entities by merging existing public health units; standardizing the governance of those entities under new, autonomous Boards of Health; and reducing public health funding.

In light of the proposed provincial changes, Peel Public Health is sharing identified priorities from a completed strategic planning exercise. These should be considered and addressed to positively impact the health of Peel residents, regardless of any future changes to public health structure and governance.

Advancing these public health priorities requires local partnerships. Remaining connected to our local communities ensures public health remains responsive to local needs. Peel Public Health looks forward to working together with partners and the new regional public health entity to address the public health needs of our unique population.

Objective

This document presents strategic priorities based on the public health needs of Peel residents to inform planning for public health programs and services in Peel regardless of structure and governance. The strategic priorities represent areas of work that require focus and attention in planning and resourcing in order to achieve significant gains. This does not negate the importance, or the continuation of all mandated public health work.

This document introduces the public health approach, followed by a description of the priorities to address the public health needs of Peel residents, and considerations for moving forward.

The Public Health Way in a Modernized Ontario Public Health Sector

The goal of public health is to keep people healthy and reduce their risk of ever becoming sick in the first place. Public health services reduce health care costs by preventing illness and injury. Research shows that for every dollar invested in public health, communities receive an eight dollar return on investment through avoided costs to health and social services.² Public health does not work alone. Our interventions are most effective when done in partnership with agencies, community groups, and government. Public health also complements primary health care. To achieve this complimentary effect (see Figure 1), public health focuses on interventions with the greatest potential impact across a population where an increased number of people benefit.

The *Ontario Health Protection and Promotion Act* and the 2018 Ontario Public Health Standards outline the requirements for public health programs, services, and accountability. According to the Ontario Public Health Standards, the core public health functions are assessment and surveillance, health promotion and policy development, health protection, disease prevention, and emergency management.

The public health way includes:

- Employing a population health approach focused on “upstream” efforts to promote health and prevent diseases, to improve population health, and address differences in health between groups.
- Expanding public health work beyond a traditional focus on disease and disability and also addressing people’s mental and social wellbeing.
- Using a life-course approach to health, which means acknowledging differences in risks and opportunities across the lifespan including critical periods, from pregnancy to childhood to early and late adulthood, as well as the cumulative effect of exposures and experiences across all life stages.
- Applying a health equity lens to address social disadvantages that limit opportunities for optimal health, thus helping more people reach their full health potential.
- Utilizing public health evidence, best practices and effective program planning, delivery, evaluation and management.
- Being ethical, transparent and publicly accountable.

These foundational approaches to doing public health work enable us to capitalize on the experiences, tools and insights we all bring to the table to continue to provide strong public health practice to tackle complex health problems. Being able to appropriately act on problems requires the application of public health approaches combined with collaboration with partners in order to achieve positive health outcomes for our population.

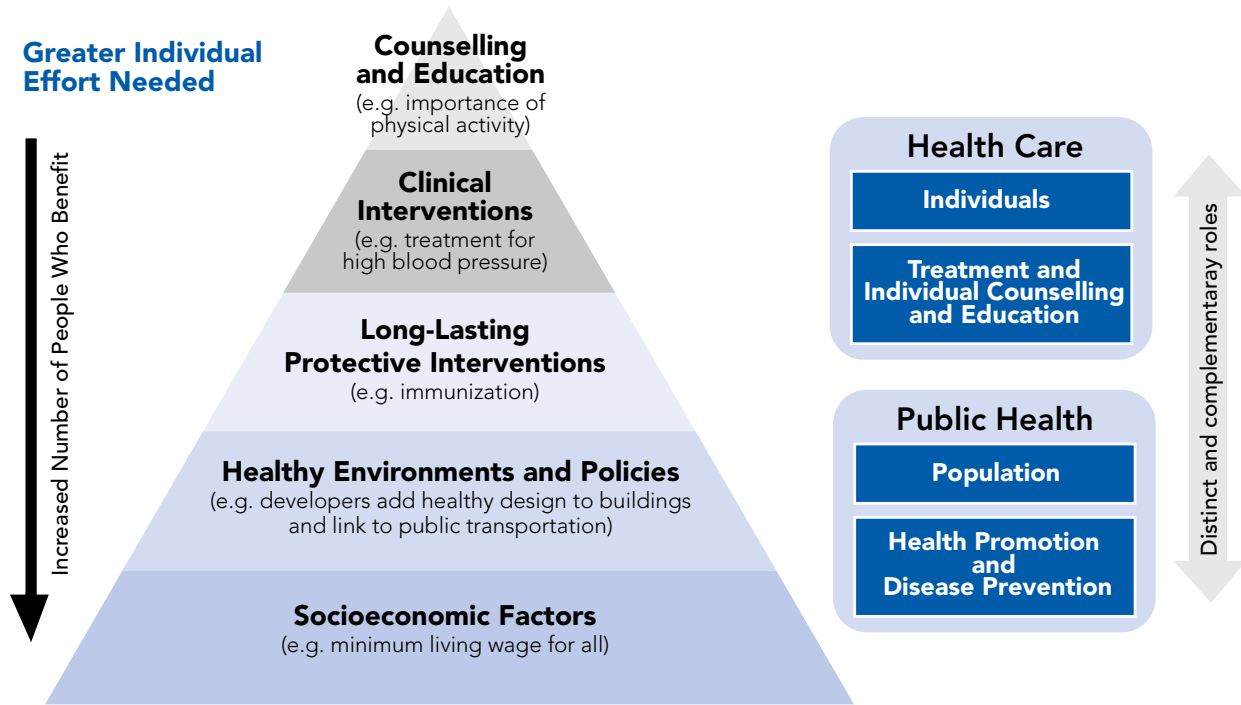


Figure 1: How Public Health Complements Primary/Acute Care (Adapted from Health Impact Pyramid³)

Strategic Priorities

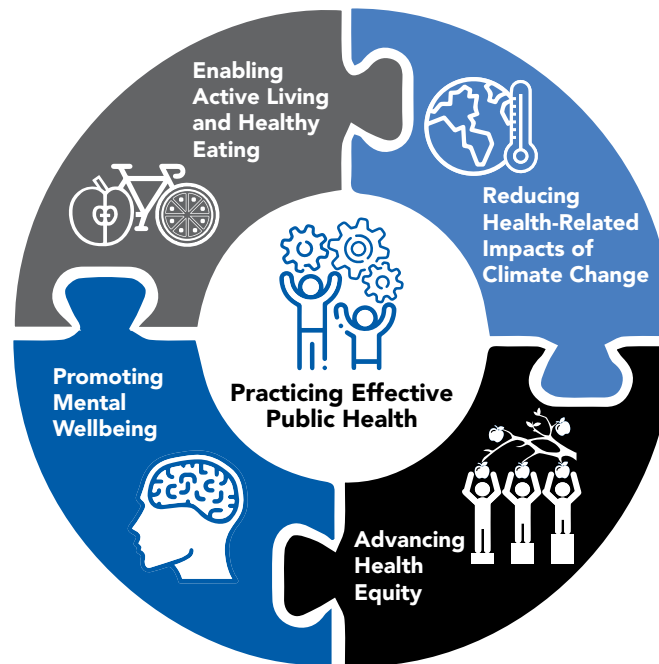


Figure 2: Synergies among Priorities

The public health priorities that have been identified for Peel are shown in Figure 2. As illustrated, these priorities complement each other by building on synergies that will maximize impact.



Practicing Effective Public Health

Priority Vision

The work of public health is to effectively address local health issues and improve the overall health of the population. To do so, every public health program should have access to the best available data and other evidence, and have the skills necessary for knowledge exchange, program planning and evaluation, and continuous quality improvement.

The Problem

To meet the ever-increasing health needs of a rapidly growing and aging population during a time of stretched resources, public health must ensure that (1) program decisions are informed by the best information available, and (2) the most effective interventions are identified in order to maximize the health impact in Peel's specific context. Practicing effective public health means:

- Focusing on meaningful health outcomes.
- Using research and other evidence to identify the best interventions for the local context.
- Identifying gaps in services and policy that contribute to illness and injury.
- Clear accountability, evaluation and monitoring.

Achieving this and maintaining our reputation as a credible source of the most reliable public health information are challenging because the complex nature of public health problems requires constant attention to our workforce's ability to (1) assess multiple types of information from research, programs and the community, and (2) respond with public health interventions appropriate to our local context.

Specific Considerations for Peel

- Over the last ten years, Peel Public Health has developed a set of methods and tools to support evidence-informed public health practice and has built a supportive infrastructure (e.g. team structures, new roles, staff skill development) to apply these methods.
- Effective public health practice is well established, with trained staff, central specialized teams, and a culture of inquiry among staff.
- There are further development opportunities in program planning, implementation and evaluation, integration of multiple types of evidence, as well as continuous quality improvement.
- Community engagement and health equity initiatives need to be better integrated within our public health practice.

Related Provincial Mandate

Effective public health practice is part of the Ontario Public Health Standards, adopting a comprehensive approach including quality improvement, the continuum of evaluation and new research, knowledge exchange and multi-modal communication requirements.

What Public Health Can Do

Short-term

- Further define roles and responsibilities at the leadership and team level.
- Continue training our workforce in the use of existing tools, while prioritizing the development of new tools.
- Ensure coordination and integration with other public health priorities.
- Improve work on implementation, monitoring, quality improvement and evaluation, with clear measures linked to outcomes.

Long-term

- Greater commitment and action on effective public health practice is fostered among leadership and staff.
- New tools and resources for effective public health practice are available.
- Evidence-based processes are embedded within the organization for planning, implementation, and evaluation to inform locally-relevant programming.



Enabling Active Living and Healthy Eating

Priority Vision

Peel residents live in a community that supports healthy eating and active living. Chronic disease risks are reduced because people eat well, are active throughout the day, and reduce their sedentary behaviour and screen time.

The Problem

Major chronic diseases, such as cardiovascular disease, cancer, respiratory disease and diabetes, place a significant burden on the daily living, productivity and health of individuals, also contributing to an increasing demand on the health-care system.⁴ Behaviours such as physical inactivity and unhealthy eating together with tobacco use are shown to have the greatest impact on reduced life expectancy in Ontario.⁵ Strong evidence indicates that providing information alone is insufficient to achieve behaviour

change on a wide scale. Healthy behaviours are more likely to be adopted by creating healthy environments that support healthy decision-making.⁶ Starting in early life can also maximize the opportunities for primary prevention and the development of lifelong healthy behaviours.

Specific Considerations for Peel

- Chronic diseases account for 80 per cent of the leading causes of death.^B
- While in Peel there has been a decrease in tobacco use,^C other chronic disease risk factors such as high levels of physical inactivity and unhealthy eating remain concerning:
 - o There has been no change in fruit and vegetable consumption over the past decade,^C with only 38 per cent of residents (similar to Ontario) consuming five or more times a day.^D
 - o There has been no change in physical activity over the past decade,^C with only a quarter of residents (similar to Ontario) engaging in physical activity during leisure time.^D
 - o In 2017, two-thirds of grade 7 to 12 Peel students (higher than Ontario) spent an average of two or more hours of recreational screen time per day.^E This trend remained stable between 2013 and 2017.^F
- Peel is still predominantly automobile-oriented. Despite efforts to support healthy land use decision-making and to build complete communities for chronic disease prevention, the majority of Peel's residents (81 per cent, similar to Ontario) commute to work in a car, truck or van.^G

Public and Stakeholder Perspectives

- Community partners such as local municipalities, school boards, early years and child care sectors are also concerned about chronic disease prevention, access to healthy, affordable food in the community, and healthy eating and beverage consumption.
- This priority was rated as being "very important" by public members who participated in consultations, highlighting the need for affordable access to healthy food and physical activity across the lifespan.
- This priority was rated as "important" or "very important" by physicians who participated in an online consultation.

Related Provincial Mandate

The Ontario Public Health Standards mandate the development and implementation of a program of public health interventions that address risk and protective factors to reduce the burden of illness from chronic diseases in the population.

What Public Health Can Do

Short-term:

- Determine data gaps and complete relevant community mapping (e.g. assessing neighbourhood walkability and food environments).

- Continue to identify opportunities to make healthy choices easier in settings where residents spend significant amounts of time, such as early years and child care settings, schools, workplaces, and public spaces.
- Identify priority populations as well as health equity approaches for those in greatest need.
- Identify opportunities for social marketing and other health communication.
- Work with partners to further promote land use and transportation policies that support active living.

Long-term:

- Key settings promote active living and healthy eating, while advancing health equity.
- Community partners have the support needed to improve the health impact of relevant municipal and institutional policies (e.g. land use, transportation, child care).
- Effective health communication is established.



Promoting Mental Wellbeing

Priority Vision

Peel residents live in socially supportive and connected communities where they experience high mental wellbeing and low mental illness for positive health outcomes. There is an increase in Peel resident's exposure to protective factors for mental wellbeing (e.g. physical activity) and a reduction in their exposure to risk factors for mental illness (e.g. problematic substance use).

The Problem

The high burden of mental illness and addictions on the Ontario health system has been identified as a priority by the provincial government and leading health organizations.^{7,8,9} Mental illness is also one of the risk factors common to several chronic diseases (e.g. cancers, cardiovascular diseases, chronic lower respiratory diseases and diabetes).^{10,11} The mental health of parents also affects the health and well-being of children and families. For example, mental illness during pregnancy or after giving birth can disrupt the development of secure attachment at a time when infants are most vulnerable.¹²

Given this significant burden, public health has a central role in complementing acute health services and decreasing the demand for treatment by strengthening population-based strategies aimed at promoting mental wellbeingⁱ and reducing the risk of mental

ⁱ Mental health refers to "a state of wellbeing in which every individual realizes his or her own potential, and can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to her or his community." (WHO, 2004).

Mental health is more than the absence of mental illness; it is an overarching term capturing two dimensions that operate on separate continua: mental well-being and mental health disorders.

- Mental well-being refers to one's life satisfaction, happiness, and pro-social behaviour.

- Mental health disorders include a wide range of illnesses that affect mood, thinking and behaviour, or symptoms that interfere with emotional, cognitive and social function.

illness and addictions. While related, mental health is a positive concept and more than the absence of mental illness. Mental health promotion is the process of enhancing the capacity of individuals and communities to increase control over their lives and improve their mental health.

Specific Considerations for Peel

- A majority of Peel residents (72 per cent, similar to Ontario) self-rated their mental health as excellent or very good.^D
- Since 2013, there have been increases in emergency department visits for substance-related mental health disorders,ⁱⁱ anxiety and mood disorders. Emergency department visits for all mental health disorders have more than doubled among individuals younger than 24 years.^{H,I}
- In 2017, 39 per cent of Peel students in grades 7 to 12 reported moderate-to-high levels of psychological distress.^E
- In Peel, 26 per cent of individuals aged 15 and older have a family member who has problems with their emotions, mental health or use of alcohol or drugs.^J
- Six per cent of Peel residents (similar to Ontario) aged 15 years and older had suicidal thoughts in their lifetime.^K
- In Peel, the proportion of residents who are current drinkersⁱⁱⁱ (64 per cent) represent the majority of the population aged 12 years and older.^C This proportion is significantly lower than Ontario (73 per cent) and has declined over the past 15 years.^C
- The number of opioid-related deaths in Peel increased from 21 to 81 between 2013 and 2017.¹³

Public and Stakeholder Perspectives

- There is an overall alignment with the priorities of the Peel school boards and police services.
- This priority was rated as “very important” by members of the public who participated in consultations, expressing the need for additional and improved access to mental health services.
- This priority was rated as “important” or “very important” by physicians who participated in an online consultation.

Related Provincial Mandate

Mental health and substance use prevention requirements are explicitly included across several Ontario Public Health Standards and supported by the Mental Health Promotion Guideline and the Substance Use Prevention and Harm Reduction Guideline.

ii Substance-related mental health disorders involve different intellectual, behavioural and biological symptoms resulting from continuous use of a substance despite experiencing substance-related issues. Substance-related mental health disorders include: alcohol misuse/dependence, cannabis misuse/dependence, and other drug misuse/dependence.

iii A current drinker is defined as a person who has consumed a drink of beer, wine, liquor or any other alcoholic beverage in the past 12 months. Current drinkers can be further described as regular drinkers and occasional drinkers.

What Public Health Can Do

Short-term:

- Develop a comprehensive and coordinated mental health promotion strategy by:
 - Reviewing the public health mandate, common practices and role.
 - Identifying a conceptual framework for mental health.
 - Reviewing relevant health status data, programs and services.
 - Analyzing the political, economic and/or social factors influencing work related to mental health promotion.
- Work with partners to maximize opportunities for impact.

Long-term:

- A mental health promotion strategy with ongoing monitoring is implemented.
- The public health workforce is better equipped with the knowledge and skills needed to advance work in mental health promotion.



Reducing Health-Related Impacts of Climate Change

Priority Vision

Peel residents and communities are more resilient to the adverse health outcomes and public exposure to health hazards related to climate change, with a focus on public health emergency management and mitigating the effects of rising temperatures, vector-borne diseases, food and waterborne illness, food insecurity, poor air quality, extreme weather events, and UV exposure.

The Problem

The earth is warming due to an increase in greenhouse gas emissions. A changing climate will impact human health through increasing temperature-related morbidity and mortality; intensifying the harmful effects of poor air quality; increasing the risk of injury and loss of life from extreme weather; increasing illness through food and water contamination, as well as vector-borne disease (e.g. disease carried by mosquitoes and ticks); increasing stress and harming mental health; and displacing communities (e.g. due to flooding).^{14,15}

Certain populations may be more vulnerable to the effects of climate change, including seniors, children, socially isolated individuals, people with chronic health conditions or disabilities, and socially or economically marginalized families. One of the largest

concerns associated with climate change is its potential to worsen existing health inequalities by increasing the health burden on already vulnerable groups, particularly among those with minimal social support, education or economic resources.

Specific Considerations for Peel

- Peel is already experiencing:
 - Increased annual and seasonal mean temperatures.
 - Increased total precipitation annually and in all seasons, except the summer.
 - A shift in the growing season, starting earlier and ending later in the year.
 - Milder winters.⁴
- Peel's changing temperature and precipitation patterns¹⁶ are resulting in Peel being a more suitable area for disease vectors (e.g. mosquitoes and ticks), similar to many regions in Ontario.⁴
- Peel's largest sources of greenhouse gas emissions are from energy use and transportation.¹⁷
- In Peel, the number of emergency department visits due to extreme weather is presently low (similar to Ontario), though there is variability year to year.^{H,I}

Public and Stakeholder Perspectives

- This priority is aligned with our community partners' priorities, including local municipalities.
- Our partners are interested in data-sharing and collaboration related to this priority.
- This priority was rated as "very important" by members of the public who participated in consultations, with some participants highlighting the importance of intergovernmental work.
- This priority was rated as "important" or "very important" by physicians who participated in an online consultation.

Related Provincial Mandate

The Ontario Public Health Standards require public health units to assess the health vulnerability of their community, monitor health impacts, and engage partners to develop and promote strategies that reduce the health impacts of climate change.

What Public Health Can Do

Short-term:

- Assess the current state, identify data needs, gaps and most effective interventions.
- Define public health's role and vision for this priority.
- Develop systems, tools and procedures, such as:
 - A surveillance system, including extreme weather events.
 - Identification of vulnerable populations affected by climate change.
 - Develop measures to assess local community resilience to climate change and prioritize threats, as part of public health-related adaptation planning.

- Develop a knowledge exchange and communication strategy.
- Determine impactful partnerships that should be continued or developed.

Long-term:

- A robust emergency response system is established with relevant tools, procedures, and coordination of systems.
- There is agreement with partners on policies and strategies to reduce the public health impacts from climate change and increase individual resiliency to climate change.



Advancing Health Equity

Priority Vision

Health inequities among Peel residents are identified, with a deeper understanding of root causes and the social disadvantages that limit opportunities for health. Planning and intervening with relevant stakeholders and priority populations would inform and support actions to reduce inequities.

The Problem

Health is not spread equitably. The people with the lowest income levels in Ontario are nearly twice as likely to report having multiple chronic conditions as people with the highest income levels, which impacts individuals and communities through health service utilization, lower productivity and other social costs.¹⁸ Factors like income, housing, education, employment, sense of belonging, and our early years are often linked with differences in health outcomes and in lifespan. Opportunities for health increase when these social factors are addressed, as identified by the Chief Medical Officer of Health's reports *Improving the Odds: Championing Health Equity*, and *Connected Communities: Healthier Together*.^{19,20}

Specific Considerations for Peel

- Peel residents in the lowest income levels are less likely to have access to a regular physician, have dental insurance, visit a dentist and visit an eye specialist compared to those with higher income.^L In addition, they are more likely to become a high user of health care resources.^L
- Youth and young adults are at higher risk for poor mental conditions and utilization of health care for mental health issues. Youth and young adults also experience higher rates of sexually transmitted infections.²¹
- Students who identified as Latin/Central South American, Black and West Asian/Arab were less likely to report a sense of belonging at school compared to other students.^E

- Gender differences require further analysis and action. For instance, males are more likely to smoke cigarettes, drink alcohol, use cannabis, and are less likely to consume vegetables and fruit.²¹ Rates of several chronic conditions are higher among males compared to females (e.g. ischemic heart disease, lung cancer, colorectal cancer, chronic obstructive pulmonary disease, and diabetes).²¹

Public and Stakeholder Perspectives

- Aspects of health equity align strongly with current work being done by our partners, including:
 - o Long Term Care.
 - o Local police, who have a number of initiatives that align with health equity (e.g. human trafficking).
- This priority was rated as “very important” by members of the public who participated in consultations.
- This priority was rated as “important” by physicians who participated in an online consultation.

Related Provincial Mandate

Health equity is an Ontario Public Health Foundational Standard and supported by the Health Equity Guideline and the Relationship with Indigenous Communities Guideline.

What Public Health Can Do

Short-term:

- Develop an orientation to health equity to contribute to more effective public health practice.
- Identify practices to embed health equity in all public health programs.
- Address data gaps (e.g. gather better data on service delivery, develop data sharing agreements, and use Electronic Medical Records appropriately).
- Conduct workforce development and training (e.g. anti-oppression,^{iv} anti-racism, understanding inequities) to support staff in integrating key concepts into their work.
- Develop a workplan for advancing health equity through stronger community engagement.^v This includes understanding the assets and challenges of our various communities in order to better support them in developing opportunities to be healthy.

Long-term:

- Health equity goal-setting and strategies are reflected in programs, policies and services as part of a population health approach.
- There is organizational capacity for anti-oppressive practice.

^{iv} Anti-oppressive practice refers to the strategies, theories, actions, and practices that seek to recognize the systems of privilege and oppression that exist in society, to actively mitigate their effects, and to equalize power imbalances over time. This requires individuals and institutions to acknowledge and accept responsibility for their role in perpetuating oppression, whether intentionally or unconsciously (Ministry of Health, Health Equity Guideline, 2018).

^v Community engagement is a process, not a program. It is the participation of members of a community in assessing, planning, implementing, and evaluating solutions to problems that affect them. As such, community engagement involves interpersonal trust, communication, and collaboration. Such engagement, or participation, should focus on, and result from, the needs, expectations, and desires of a community's members (Ministry of Health, Health Equity Guideline, 2018).

- To support health equity work, community members and partner organizations are engaged in a wide range of work, including data gathering and analysis, planning, implementation, and assessment.
- Measurable reduction of health inequities are monitored to identify those that continue to require attention.

Moving the Strategic Priorities Forward

Where Public Health Should Be: Desired Outcomes

The identification of health priorities for Peel region is an opportunity to focus efforts on advancing health in Peel communities. The strategic priorities outlined in this document are related to the following long-term outcomes:

- A workforce highly skilled at using the best available evidence in its public health practice.
- Residents are more active and eat healthier across the lifespan.
- Higher mental wellbeing and lower mental illness among residents.
- Reduced negative health outcomes of climate change.
- Residents are less subject to social disadvantages affecting their health.

Facilitators Needed to Get There

Peel Public Health's experience shows that successfully achieving the priorities will require sustained focus, extra resources, and coordinated organizational efforts, with opportunities to build on existing assets and previous work. Examples of existing Peel Public Health interventions that align with these strategic priorities for the Region are identified in Appendix C.

The following facilitators will need to be embedded into public health culture and practice to support achievement of the priorities. These are:

- Keeping the "local" in local public health and engaging with the community.
- Building a capable workforce for the future.
- A life-course approach.

Each of the facilitators are described in detail below.

Keeping the “local” in local public health and engaging with the community

Local public health has a unique mandate not fulfilled by any other organization at the local level because only public health focuses on upstream population-level approaches to prevent injuries and illnesses. As emphasized in the Ontario Public Health Standards, an advantage of a strong public health sector is that it is responsive to local health priorities through collaborative engagement with local partners such as municipalities, schools, health care professionals, community organizations and residents.

Public Health can ensure the provision of strong and tailored services to residents by maintaining and strengthening existing connections and intentionally engaging with communities in the new regional public health entity. Since community engagement is complementary to health equity work, organizational capacity is needed to apply principles of anti-oppressive practice as outlined in the 2018 Health Equity Guideline issued under the Ontario Public Health Standards. Community engagement employs a strategy whereby Public Health can effectively engage with the population to better understand the problem and build effective interventions as a result.

Building a capable workforce for the future

A human resources strategy is a requirement under the 2018 Ontario Public Health Standards. Effective public health practice requires a workforce with the right mix of roles, knowledge, skills, and attitudes, and the right systems and processes to recruit and retain top talent. An effective strategy will ensure Public Health’s workforce has the ability to deliver on public health outcomes using public health processes. To achieve our public health goals, our workforce must be adaptable to changing societal norms and emerging technologies.

Peel Public Health has focused on workforce development as a strategic priority for the past 10 years, achieving success in many areas by operationalizing workforce improvements into day-to-day work. Example of some successes include:

- Developing the OnTrack onboarding program for new staff.
- Conducting a bench-strength analysis for manager positions.
- Revising job descriptions and developing a strategy for public health nursing development.

While Peel has been working on these areas to incorporate them into operational work, there is still a need to focus on leadership development and succession planning, academic/research partnerships, and workforce development for new initiatives.

A life-course approach

The World Health Organization defines a life-course approach as deploying effective interventions throughout a person’s life. The approach starts with the early years, but it also continues to prevent disease and promote health during critical periods throughout the lifetime.²² The life-course approach recognizes differences in risks and opportunities for health throughout the life-course including critical periods, as well as the cumulative effect of exposures across all life stages.²²

Experiences in early life set a foundation for health throughout the entire life-course.²³

Health in early life ultimately impacts the future health of communities and this health trajectory begins during the preconception period, starting with the health of the parents.⁴ At the other end of the lifespan, Peel has an aging population, a shift that is expected to continue over the next 20 years as the proportion of those in the older age groups increases.⁵ Appropriate public health strategies are needed to ensure that good health is promoted throughout the life-course.

Implementation and Monitoring

Implementation and monitoring frameworks are important when planning for different priorities. Building on best practices, lessons learned and in consultation with other public health units, the following elements are recommended for the new Board of Health of the regional public health entity:

- **An identified leadership committee that includes staff and management.** This committee will make strategic decisions on the direction of priorities, coordinate and be accountable to the priorities, and ensure adequate monitoring to assess progress.
- **Priority specific co-leads.** To maximize staff engagement and ownership, staff and senior management co-leads are recommended for each priority. Priority co-leads from the leadership committee would be responsible for priority-specific planning, reporting and ensuring the priorities are being operationalized.
- **A secretariat function to support project management.** This includes dedicated staff to support project management, coordination across all priorities, and monitoring and implementation of the priorities.
- **A centralized planning approach.** This will involve the adoption of standard planning models, tools and strategies to track progress. It is important that the planning approach provides flexibility for adapting to a diversity of programs and contexts.

To ensure the priorities are on track, it is also recommended that within the first year of implementation:

- A governance structure for the priorities and a project charter is determined.
- Initial background work has started.
- Population health outcomes are identified.

For the second year of implementation:

- A work plan with activities, as well as metrics for performance measures and health outcomes is determined.

Reporting should occur at standard intervals using a consistent reporting format. It is recommended that priority specific co-leads report to the leadership committee every six months and report to the new Board of Health of the regional public health entity every year or as needed.

Conclusion

This document presented strategic priorities based on the public health needs of Peel residents, now and in the future. Our local strategic priorities were the result of a comprehensive process of analysis and consultation Peel Public Health started in 2018. The following five priorities were identified as central to answering to the public health needs of Peel's residents:

- Practicing Effective Public Health
- Enabling Active Living and Healthy Eating
- Promoting Mental Wellbeing
- Reducing Health-Related Impacts of Climate Change
- Advancing Health Equity

Advancing these priorities will require developing, maintaining and strengthening collaborations with local municipalities, schools and school boards, health system partners, and community organizations.

With the pending creation of new regional public health entities that cover significantly larger territories and populations, it is very important to remain responsive to local community needs and partnerships. In other words, keeping the "local" in local public health. Doing so will help ensure our new regional public health entity is nimble, resilient and efficient, thus supporting the province's goal of building a connected and sustainable health care system, while answering to local needs and maximizing opportunities for new partnerships.

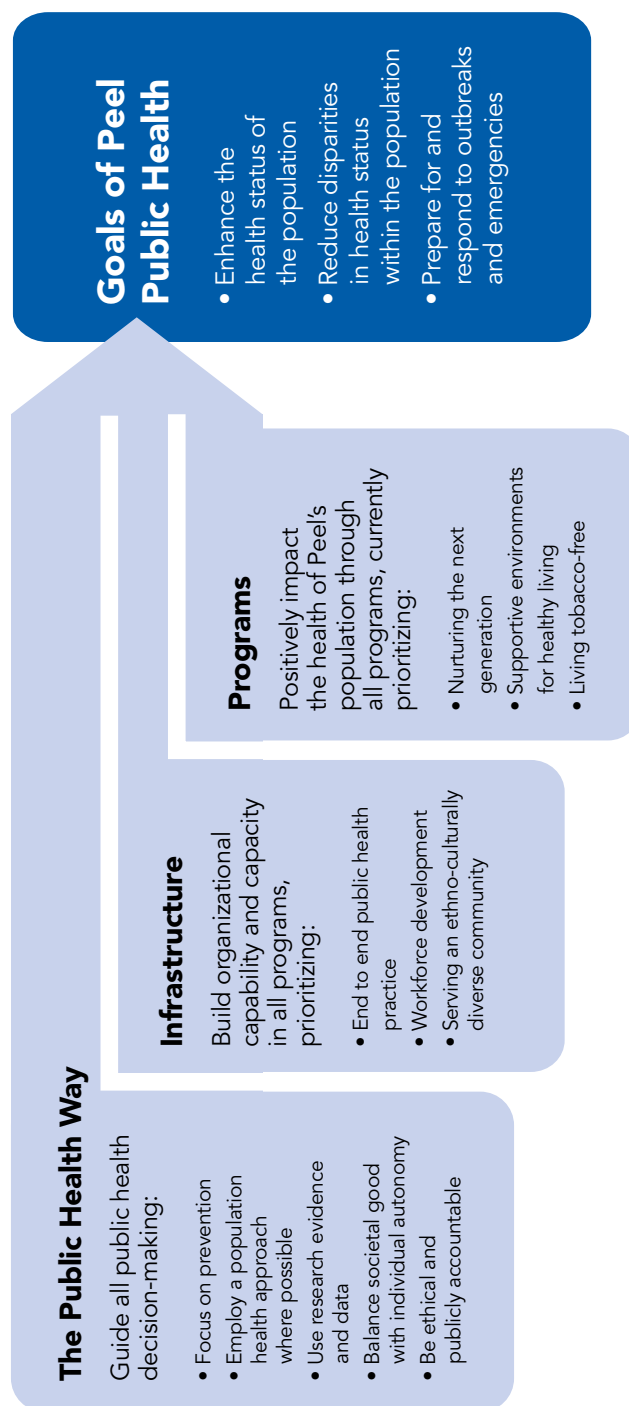
While Peel Public Health has seen great success over the years, there is still much to be done. Peel Public Health's capacity as a high-performing public health unit that is a leader in the use of evidence and effective practices to address local needs will be an asset in the creation of the new regional public health entity that is responsible for Peel residents. Supporting the spectrum of action of the public health mandate, the priorities identified in this document will help public health remain responsive to local public health priorities through targeted and tailored programs and services. It is hoped that this document will inform the new Board of Health of the regional public health entity about the public health priorities of our local population.



Appendix A

Peel Public Health 2014-2019 Strategic Priorities

Setting the Pace: Peel Public Health Strategic Plan 2014-2019



Appendix B

How did Peel Public Health get here?

The process of identifying new public health priorities for Peel took about two years from 2018 to the Fall of 2019 and was under the direction of the Medical Officer of Health. A Steering Committee comprised of Directors, Associate Medical Officers of Health and Manager representatives from all divisions was established to provide strategic direction to the process and identification of priorities. A Reference Group with staff representing all public health divisions served as an advisory body to the Steering Committee.

The process of identification of strategic priorities is illustrated in Figure 3.

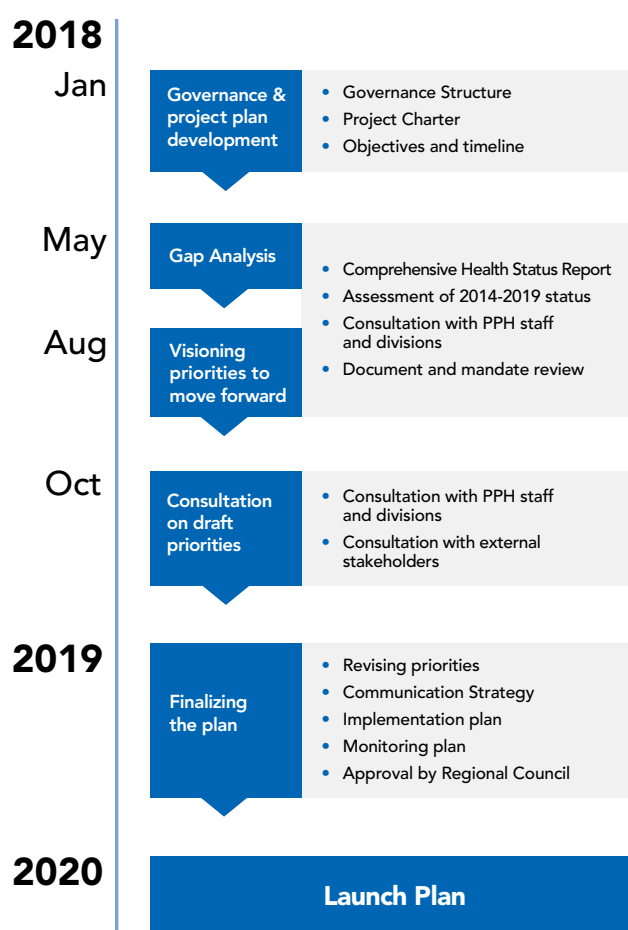


Figure 3: Process for Identification of Peel Public Health Priorities

Peel Public Health examined the multiple sources of information to identify priority areas for Peel, as illustrated in Figure 4.

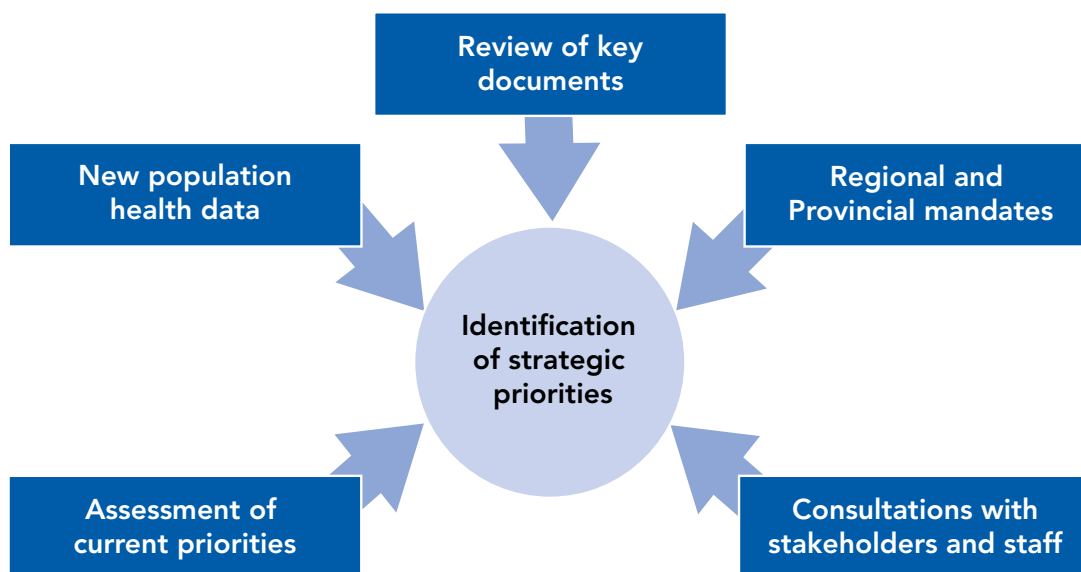


Figure 4: Sources of Information Supporting the Selection of Peel Public Health Priorities

The recently completed Comprehensive Health Status Report,⁴ which represents the state of health and the health promoting and risk factors in the Peel community, played a key role in the identification of emerging health issues and potential priorities to consider.

The Peel Public Health strategic priorities for 2014-2019 were examined in order to identify successes and challenges and where the priority currently stands in its life cycle. Factors that contributed to and hindered success were identified to inform the new strategic plan. This was reported to Peel Regional Council (Board of Health) on February 14, 2019.²⁴

In addition to looking at provincial and regional mandates, including the 2018 Ontario Public Health Standards, a comprehensive review of relevant documents (internal and external to Peel Public Health) was conducted to identify areas of focus for our work. Staff representatives from all Peel Public Health divisions were involved in identifying these documents and verifying that all potential sources of information were covered. Some of these documents included guidelines, provincial reports and publications from partners.

A thorough Peel Public Health staff engagement process was conducted to ensure their input in the identification of Peel Public Health priorities. Drop-in sessions were held in early 2018 to share information about the development process with staff. There were also team-based and individual surveys that staff participated in to identify emerging areas and share perceived facilitators and barriers to potential priorities moving forward. Staff also participated in divisional meetings and engagement boards.

Similarly, partners were also consulted throughout the priority development process. A stakeholder mapping exercise was conducted to understand Peel Public Health's collaboration with over 150 partner organizations. In-person consultation meetings were held with the municipal CAO offices of Mississauga, Brampton and Caledon, William-Osler Health System and Trillium Health Partners (our local hospitals), Peel District and Dufferin-Peel Catholic District School Boards, local community health centres, Central-West and Mississauga-Halton Local Health Integration Networks, and representatives from other departments at the Region of Peel as well emergency services such as fire and paramedics. Peel physicians, who work with Peel Public Health, were consulted through surveys to gain their feedback on the priorities. Consultations with members of the public entailed surveys to more than 160 participants, among clients to clinics and volunteers of various programs.

Appendix C

Examples of Work Underway for Peel Public Health Strategic Priorities

Practicing Effective Public Health

- Developing an Effective Public Health Practice framework, approach and tools.
- Establishing specialized research and policy analysis teams in all divisions with centralized support staff (e.g. analysts, advisors, librarians, knowledge brokers).
- Supporting skill diversification of the workforce in key roles (e.g. research and policy analysts).
- Implementing a comprehensive on-boarding and training strategy for new staff.
- Completing more than 75 research reviews, 13 environmental scans and 15 health status/surveillance technical reports, along with work on evaluation, policy, and community assessment.

Enabling Active Living and Healthy Eating

- Impacting community settings such as schools, child care centres, affordable housing, and workplaces. For example:
 - o Nutrition Information and Support Services and Collaboration with Schools and Child Care Centres.
 - o Peel Regional Official Plan Amendment (ROPA 27), which mandates the application of health-based criteria into land-use planning processes and documents.
 - o Active Building Design Guidelines and Tools for settings such as affordable housing and recreation centres.
- Conducting population health assessment, monitoring and surveillance for:
 - o Healthy Development Monitoring Map
 - o Community Nutrition Environment Mapping
 - o Consumer Nutrition Environment
 - o Infant Feeding Surveillance

Promoting Mental Wellbeing

- Completing an evidence review identifying a conceptual framework of factors influencing the mental health of school-aged children and youth.²⁵
- Engaging with vulnerable families to improve the physical, emotional, social and cognitive development of children by building and enhancing networks of nurturing, responsive relationships.²⁶

Reducing Health-Related Impacts of Climate Change

- Providing a 24/7 response system to ensure that on-call staff can receive and respond to urgent and emergent public health issues.
- Identifying and responding to health hazards related to climate change (e.g. communication and development of health protective policies).
- Working with partners to support relevant policies and initiatives (e.g. infrastructure and transportation related, air emissions, climate change).
- Conducting population health assessment of health-related harms and surveillance of vectors and reportable vector-borne, foodborne, and waterborne diseases.
- Conducting research and specialized assessments of public health risks, for example:
 - o Air quality modelling for current and future estimates.
 - o Consultations on air quality monitoring programs and work with partners regarding air quality studies.
 - o Research review on traffic-related air pollution.
 - o Vulnerability assessments to map populations vulnerable to the risks posed by climate change.

Advancing Health Equity

- Monitoring and measuring of health disparities in the population to identify priority populations and improve reach and impact.
- Participating in the Community Safety and Wellbeing Plan^{vi,vii} led by the Region of Peel to address injuries from violence and promote health equity.
- Advancing foundational work to promote Indigenous Cultural Safety, building capacity for community engagement with Indigenous populations.
- Implementing an initial workforce development plan to introduce the concepts of health equity and explore how these might be incorporated into the strategy and operations of all divisions of Peel Public Health.

^{vi} Community safety and well-being is the ideal state of a sustainable community where everyone is safe, has a sense of belonging, opportunities to participate, and where individuals and families can meet their needs for education, health care, food, housing, income, and social and cultural expression. (Ministry of Community Safety and Correctional Services, 2017).

^{vii} The Police Services Act, 2018 includes new requirements for municipal councils to prepare and adopt a community safety and well-being plan by January 1, 2021.

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Peel Public Health Strategic Priorities for the Future

Dr. Jessica Hopkins, Medical Officer of Health
Region of Peel – Public Health
October 24, 2019



Identifying Peel Public Health Strategic Priorities

- Why Peel specific public health strategic priorities are needed
 - Ensures Peel’s needs are considered in the new regional public health entity
 - Supports contribution to vision of Community for Life and Term of Council Priorities 2018-2022
 - Informs public health decisions before and during the transition
 - Complements other mandated programs
- May 23, 2019 Report to Council
 - Described a comprehensive process for identification of priorities
 - Priority themes endorsed in principle



Enabling Active Living and Healthy Eating

In Peel

- Chronic Disease as a leading cause of death (**80%** of causes)
- Only a **quarter** of residents engage in physical activity during leisure time
- Just over **one-third** of residents consume fruits and vegetables five or more times per day
- Communities are automobile-oriented

Community support to move forward

- Municipalities, school boards, early years and child care sectors, physicians and members of the public



Promoting Mental Wellbeing

In Peel

- A majority of residents (**72%**) self-rated their mental health as excellent or very good
- Emergency departments visits for all mental health disorders have more than **doubled** among individuals younger than 24 years
- **26%** of individuals aged 15 years and older have a family member who has mental health issues or use alcohol or drugs
- **6%** of residents aged 15 years and older had suicidal thoughts in their lifetime

Community support to move forward

- Municipalities, school boards, police services, physicians and members of the public



Reducing Health-Related Impacts of Climate Change

In Peel

- Annual and seasonal mean temperature increases
- The number of emergency department visits due to extreme weather is low
- Changing temperature and precipitation patterns are resulting in Peel being a more suitable area for disease vectors
- Largest sources of greenhouse gas emissions are from energy use and transportation

Community support to move forward

- Municipalities, conservation authorities, physicians and members of the public



Advancing Health Equity

In Peel

- Residents in the lower income levels are less likely to have access to a regular physician, have dental insurance, visit a dentist and visit an eye specialist
- Residents categorized in the lower income levels are more likely to become a high user of health care resources
- Rates of several chronic conditions are higher among males compared to females

Community support to move forward

- Municipalities, long term care, police services, physicians and members of the public



Practicing Effective Public Health

In Peel

- Peel Public Health has developed a recognized culture of excellence and evidence-based practice
- Established as a reputable source of the best available information for decision-makers

The Importance

- Evidence used to maximize resources and fiscal responsibility
- High population health impact
- Ability to identify community needs
- Opportunities to for continued improvement



Recommendation

- That the report be endorsed
- That Peel Public Health Strategic Priorities be submitted to the Board of Health of the new public health entity covering Peel, once created.

Next Steps

- The new strategic priorities for public health will inform program planning until the transition to an autonomous Board of Health and new Regional Public Health Entity.
- To continue communication and engagement with stakeholders during the transition.

DATE: September 23, 2019

REPORT TITLE: **SUSTAINABLE PROCUREMENT PROGRAM**

FROM: Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

RECOMMENDATION

That the proposed Sustainable Procurement Program and its implementation, as described in the report of the Commissioner of Finance and Chief Financial Officer, titled “Sustainable Procurement Program” be adopted.

REPORT HIGHLIGHTS

- On June 22, 2017, Regional Council endorsed the Region’s Corporate Social Responsibility Strategy (Strategy).
- The long-term outcome of the Strategy is to ensure that the Region’s operating practices achieve social, economic and environmental benefits for the Peel community.
- Historically, procurement of goods and services is based on the best possible terms on the basis of price and quality with a view to maximizing benefits for the Region.
- Sustainable procurement broadens this framework to take into account elements that advance outcomes of the Strategy.
- Sustainable Procurement Guidelines will be implemented in a manner that balances environmental, social and economic considerations with fiscal responsibility.
- Authority is sought to implement a Sustainable Procurement Program as outlined in the report.

DISCUSSION

1. Background

In 2017, the Region of Peel established a Corporate Social Responsibility Strategy (“Strategy”). Key to the advancement of CSR outcomes through the Strategy is the implementation of a Sustainable Procurement Program.

The Strategy objectives ensure the Region achieves the following three outcomes:

SUSTAINABLE PROCUREMENT PROGRAM

- **Environment:** The environmental footprint will be minimized through business operating practices.
- **People:** The Region will improve as a model employer through business and operating practices.
- **Social and Economic:** Procurement practices will result in increased social and economic benefits for the Peel community.

A Sustainable Procurement Program will support the objectives of the Strategy. The Region of Peel is committed to improving the environmental, social and economic impacts of its procurement of Goods and Services through transparent and accountable procurement practices. The purpose of the Sustainable Procurement Guidelines is two-fold: to assist staff in understanding sustainability and their role in Sustainable Procurement; and to provide a tool to assist staff in incorporating sustainability considerations into procurement processes. The proposed Sustainable Procurement Program will further advance the outcomes of the Strategy as stated in the companion report titled “Corporate Social Responsibility Strategy Update”. Similarly, the proposed Program further advances the “Region of Peel Climate Change Master Plan” also stated in the companion report. Sustainable Procurement leverages the Region’s considerable buying power to achieve benefits to the Peel community by procuring goods and services in a manner that considers their environmental, social and economic impacts. Typically, the Region procures goods and services through an evaluation process that determines best value based on technical merit and cost.

A Sustainable Procurement Program will be implemented in a manner that balances environment, social and economic benefits with fiscal responsibility and will be based on the following guiding principles:

- **Be transparent and accountable** to vendors and other stakeholders by informing them of the Region’s Sustainable Procurement practices, criteria and decision-making;
- **Encourage** where feasible, the incorporation of Sustainability factors in procurement processes and decisions, including consideration of the total cost of ownership and Circular Economy (refers to the elimination of waste both through recycling processes & throughout the lifecycles of products, packaging, services & works, by improving the design of materials, products, & business models);
- **Consider procurement alternatives** such as reducing demand through efficient use, re-use and refurbishment, and dividing large contracts to provide greater access to bidding opportunities to vendors of all sizes, where feasible, while operating within the parameters of the Procurement By-law;
- **Engage with vendors** to encourage and support them to continually improve their Sustainable practices and the environmental, social and economic impacts of their goods and services, where possible; and,
- **Continuously improve** the Region’s Sustainable Procurement practices to meet Strategy outcomes.

SUSTAINABLE PROCUREMENT PROGRAM

2. Sustainable Procurement Program Practices

Public spending normally represents 15-30% of national GDP and every purchase is an opportunity to drive markets towards innovation and sustainability. Recent studies have shown that cost reduction and risk mitigation have resulted from applying Sustainable Procurement practices.

Through the Sustainable Procurement Program, the Region can set an example through the delivery of the Strategy objectives. The Program will enable the Region to meet environmental goals such as reducing greenhouse gas emissions, improving energy and water efficiency and support waste reduction. The social benefits of the Program will include poverty reduction, improve health outcomes, and improve equity. It can also improve core labour standards by delivering more skills to the marketplace, such as apprenticeships, training and potential opportunities to improve small businesses.

The Guidelines developed are intended to allow Regional staff to consider and incorporate all relevant factors to the maximum to the extent possible, balancing such factors with fiscal responsibility and trade requirements. Sustainability aspects that may be considered for any procurement include, but are not limited to:

Environmental Sustainability - Procure Goods and Services from vendors that:

- Avoid consumption of goods where practical and reduce material use, waste and packaging;
- Encourage the promotion of re-use, recycled content, recyclability, reparability, upgradability, durability, biodegradability and renewal of products and materials
- Maximize energy efficiency and conservation;
- Reduce greenhouse gas (GHG) emissions and air pollution, promote low carbon practices and support climate change adaptation;
- Conserve water and/or improve water quality;
- Reduce or eliminate the use of toxins and hazardous chemicals; and,
- Contribute to biodiversity preservation and habitat restoration.

Social and Ethical Sustainability – Procure Goods and Services from vendors that:

- Provide employment and training for youth and people with employment barriers (e.g. people with disabilities, new immigrants, chronically unemployed, etc.);
- Demonstrate best practices in workplace diversity, inclusion and accessibility (e.g. women, indigenous, minority-owned businesses or businesses owned by persons with disabilities);
- Make and or sell Goods that are certified Fairtrade (e.g. products that have been certified to offer a better deal to farmers and workers distinguished by the independent consumer product label that meets the International Fairtrade Standards); and,
- Exhibit fair labour practices, respect human rights, and have good health and safety work place practices.

Economic Sustainability – Procure Goods and Services that emphasize:

- Total Cost of Ownership;and,
- Ability to qualify for rebates and incentives.

SUSTAINABLE PROCUREMENT PROGRAM

- Support of local economic development

The Sustainable Procurement Program will allow Peel to assess products based on a total cost of ownership approach by evaluating not only the initial acquisition costs, but also the costs associated with the use, operation, maintenance and disposal of the product over its lifetime.

Procuring sustainably means Peel will consider how sustainability elements can be achieved in the procurement processes, measure its progress and strive for improvement over time.

RISK CONSIDERATIONS

Sustainable procurement practices helps to mitigate the Region's reputational risk of not being viewed as sustainably responsible. For example, the Region can be viewed negatively for not taking environmental factors into consideration of the "climate crisis", where environmental awareness for climate change is at the forefront.

The inclusion of Sustainability Procurement practices will also mitigate the risk of impact on the Region's brand value from "bad" supplier practices (e.g., child labour - defined as work that deprives children of their childhood, their potential and their dignity, and local pollution) and the economic cost of disruptions (e.g., noncompliance with environmental regulations).

Limiting the ability to implement a Sustainable Procurement Program to simply an awareness of the Guidelines to Regional staff, poses an additional risk of the inability to deliver on the outcomes that support the Corporate Social Responsibility Strategy adopted by Council as reference in Resolution 2017-533T - Corporate Social Responsibility Strategy.

RESOURCE REQUIREMENT

An environmental scan of other municipalities with Sustainable Procurement Programs demonstrates the need for a dedicated, centralized resource to optimize achievement of outcomes. Those municipalities with dedicated resources (Mississauga, Toronto, and Vancouver) report much higher success than those without a dedicated resource. Not having this role poses challenges for evidence informed decisions and program planning to achieve outcomes.

The addition of one position is proposed to:

- action and provide centralized expert guidance, advice and advocacy to develop effective processes for procurement and program areas
- work collaboratively with Regional staff to raise awareness, provide training and build knowledge of sustainability
- act as a resource to staff in incorporating sustainability considerations into planning and procurement processes
- develop and report on sustainable procurement outcomes.
- collaborate with external organizations to optimize information sharing, opportunities, best practices and continuous improvement
- provide ongoing outreach with external stakeholders, including the vendor community.

SUSTAINABLE PROCUREMENT PROGRAM

FINANCIAL IMPLICATIONS

In some instances, procuring sustainably may have a greater upfront cost; however as an example, savings of energy, water and waste over the lifetime of the product or service can provide significant financial savings and other community benefits.

Subject to Council's approval of the Sustainable Procurement Program, the associated costs of the dedicated resource will be included in the 2020 operating budget, to be presented to Regional Council in November 2019. Future operating and capital budgets will also reflect the costs associated with advancing Peel's sustainability outcomes.

CONCLUSION

Sustainable Procurement is an enabling priority to the Corporate Social Responsibility Strategy. The adoption of a Sustainable Procurement Program will enable the achievement of environmental, social and economic benefits to the Peel Community through the procurement of goods and services.



Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

For further information regarding this report, please contact Natasha Rajani - Director of Procurement, extension 4302

Financial Support Unit – Corporate Finance



Sustainable Procurement Program

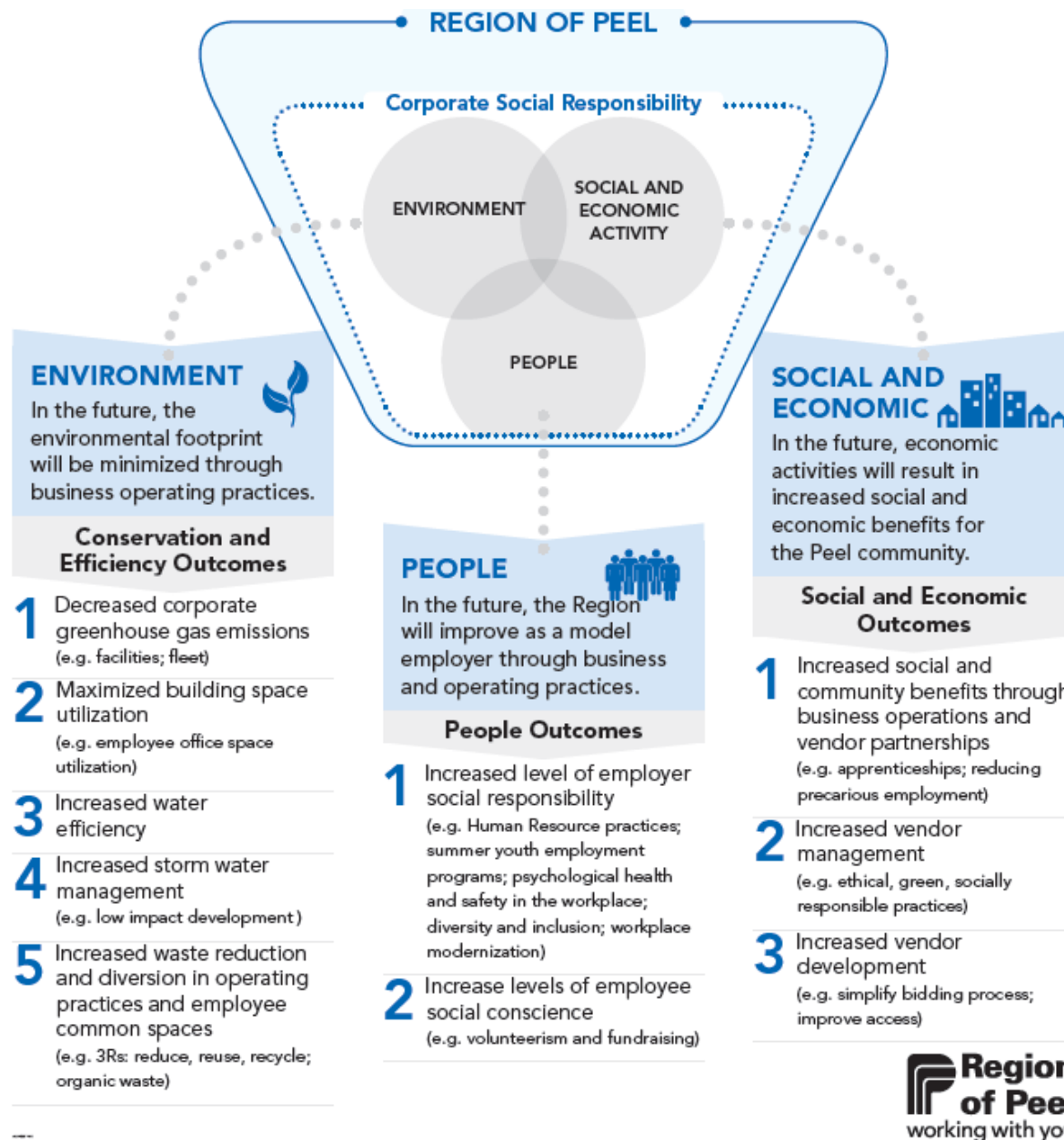
Regional Council
Thursday, October 24th, 2019

Natasha Rajani
Director, Procurement

Sherry-Ann Besla
Manager, Procurement Transformation Region of Peel



Corporate Social Responsibility Framework



Procure to Improve Environmental Sustainability

Environmental Outcomes



*Promote environmentally-friendly
policies and practices*

Incorporate environmental criteria when procuring goods and services from vendors that:

- Reduce material use and waste
- Encourage the promotion of re-use, recycled content, recyclability, reparability, upgradability, durability, biodegradability and renewal of products and materials
- Maximize energy efficiency and conservation
- Reduce greenhouse gas (GHG) emissions and air pollution promote low carbon practices and support climate change adaptation
- Conserve water and/or improve water quality
- Reduce or eliminate the use of toxins and hazardous chemicals
- Contribute to biodiversity preservation and habitat restoration

Procure to Improve Social and Ethical Sustainability

Social and Ethical Outcomes



*Leverage spending power for
socially responsible gains*

Incorporate social and ethical criteria when procuring goods and services from vendors that:

- Provide employment and training for youth and people with employment barriers
- Demonstrated best practices in workplace diversity, inclusion and accessibility
- Vendors that make and or sell Goods that are certified Fairtrade
- Exhibit fair labour practices, respect human rights, and have good health and safety work place practices

Procure to improve Economic Sustainability

Economic Outcomes



*Support business and economic
development while contributing
to the prosperity of the Peel
Community*

Incorporate economic criteria when procuring goods and services from vendors that emphasize:

- Total Cost of Ownership
- Ability to qualify for rebates and incentives
- Support of local economic development

Implementing Peel's Sustainable Procurement Program

- Develop Procurement Guidelines
 - Environmental
 - Social & Ethical
 - Economic Sustainability
- Update procurement documents & evaluation criteria
- Identify contracts and contract types to apply sustainable practices

Implementing Peel's Sustainable Procurement Program

- Establish sustainable procurement targets
 - By Regional Service
 - By contract type
- Staff training
 - Procurement & Program staff
 - People leaders
- Educate vendor community
 - Peel's sustainable outcomes
 - Evaluation criteria

Questions?



DATE: October 17, 2019

REPORT TITLE: **CLIMATE CHANGE MASTER PLAN**

FROM: Catherine Matheson, Commissioner of Corporate Services

RECOMMENDATION

That the Region of Peel Climate Change Master Plan, included as Appendices I and II to the report of the Commissioner of Corporate Services, titled “Climate Change Master Plan”, be approved, to achieve Council’s commitment to address climate change and to align with the common call for urgent action by municipalities locally, nationally and internationally;

And further, that the Region of Peel Climate Change Master Plan be shared with Environment and Climate Change Canada and the Ontario Ministry of the Environment, Conservation and Parks, and Peel Climate Change Partnership (City of Brampton, City of Mississauga, Town of Caledon, Credit Valley Conservation, and Toronto Region Conservation Authority);

And further, that staff be directed to advocate to all levels of government for opportunities that support strategic alignment and cost sharing of the Climate Change Master Plan’s actions.

REPORT HIGHLIGHTS

- The Region of Peel’s Climate Change Master Plan will build on the established leadership and set a bold path forward for climate change action at the Region of Peel; aligning with the work being done by local municipalities.
- The Climate Change Master Plan has a pathway to reduce greenhouse gas emissions 45 per cent below 2010 levels by 2030 and increase the Region’s preparedness in response to expected temperature increases and more frequent extreme weather.
- The Climate Change Master Plan will allow the Region to lead by example, and to influence the broader change necessary in the community.
- The Climate Change Master Plan is comprised of 20 actions and 66 accompanying activities to achieve climate change outcomes.
- The estimated incremental cost to implement the actions of the Climate Change Master Plan is \$300-\$400 million.
- The Climate Change Master Plan will be implemented using a phased approach. Phase I (2020 – 2023) will establish the needed financing, knowledge, skills and climate literacy prior to broader implementation in Phase II (2024 – 2030).
- The Climate Change Financing Strategy for the Climate Change Master Plan will be brought to Regional Council for consideration in 2020.

CLIMATE CHANGE MASTER PLAN

DISCUSSION

1. Leadership has Set the Stage for Climate Action

Climate change is accelerating and global greenhouse gas (GHG) emissions, temperatures, and frequency of extreme weather events continue to rise. The urgency to address what is now being declared a local and global emergency is stronger than ever. In the absence of needed action, climate change will amplify existing risks (e.g. flooding) and system-wide stresses (e.g. poverty). The heightened impact will be felt greatest by the Region's vulnerable populations who will have difficulty coping with the health and economic hardships that climate change presents (e.g. heat-related illness and affordability). As the Region's vulnerable population grows due to both local trends (e.g. aging population) and global phenomenon (e.g. climate refugees), climate and social equity become a critical area of focus. The leading municipalities of tomorrow will be those who can successfully make an equitable and sustainable transformation towards a low-carbon and resilient future.

Climate change has been a Region of Peel Council priority for over a decade, and continued leadership and investment are essential for building a low carbon and resilient Community for Life. Thus, Regional Council unanimously endorsed the *Climate Change Statement of Commitment* in 2017, directing the Region to:

- Develop a climate change master plan;
- Report progress on reducing greenhouse gas emissions and managing climate related risks;
- Develop green standards; and,
- Support collaborative climate planning with community partners.

On April 25, 2019, Council unanimously endorsed, in principle, the five outcomes of the proposed Climate Change Master Plan (the Plan) and provided direction for staff to come back in the fall with the full Plan for Council approval. These outcomes have a strong alignment with the Region's overarching commitment to Corporate Social Responsibility (see agenda item 8.4). The Region is well positioned to make progress on these outcomes, such as Reduce Emissions, due to its intention to procure sustainably as stated in the report titled Sustainable Procurement Program on the October 24, 2019 meeting agenda.

Municipalities across Peel have also addressed climate change with a similar level of leadership and urgency. Brampton and Mississauga City councils have declared climate emergencies, and each municipality has completed or in process of completing climate change related plans.

Through the Peel Climate Change Partnership (City of Brampton, City of Mississauga, Town of Caledon, Region of Peel, Credit Valley Conservation, and Toronto Region Conservation Authority) the Plan was assessed to help avoid duplication of work and ensure strategic alignment with the local municipal climate change plans. Exercises such as this exemplify the value of the Peel Climate Change Partnership as it enables climate change knowledge sharing and accelerates best practices on a local scale. Similar partnerships are forming at an international level. The Region is exploring participation in networks like the Cities Climate Leadership Group (C40) and 100 Resilient Cities to further enhance its climate change knowledge sharing and accelerate best practices.

CLIMATE CHANGE MASTER PLAN

2. The Climate Change Master Plan: Lead, Influence, Transform

The Climate Change Master Plan (the Plan) charts a bold path from 2020 to 2030 to realize the organization's GHG emissions reduction target and understand how to make Regional assets and services more resilient to increasing climate risks. Through the Plan, the Region will lead by example, bringing 'its own house in order' over the next decade; and substantiate influencing climate best practice to support the community as it transforms in response to a warming future. The sphere of that influence can be impactful, embedding climate change considerations into third party contracts and service agreements (e.g. curb-side collections and community housing providers) or sourcing of low carbon options through sustainable procurement. Ongoing collaboration with the Peel Police and Peel Housing Corporation is also critical to confirm shared priorities, plan and align decision making around Regionally-owned assets and services. This will further allow the Region to help transform the community by embedding climate change considerations into services like Long Term Care, Housing Support, and Land Use Planning. A transformation that will be supported through the collaborative efforts of the Peel Climate Change Partnership.

The five overarching outcomes of the Plan are:

1. **Reduce GHG Emissions:** A sustainable community is provided through progressive leadership committed to reducing the organization's GHG emissions to 45 per cent below 2010 levels by 2030; to enable a sustainable community for future generations.
2. **Be Prepared:** A safe, secure, and connected community is provided by ensuring Regional services and assets are more resilient to extreme weather events and future climate conditions.
3. **Build Capacity:** Climate change is considered in all decision-making through organization-wide climate literacy, planning, and accountability.
4. **Invest:** Innovative and sustainable approaches are used to invest in climate change.
5. **Monitor and Report:** Progress on addressing Regionally funded climate change work is consistently reported, available and widely understood.

The primary outcomes are Reduce GHG Emissions and Be Prepared, with the remaining three outcomes considered supporting. All five outcomes drive the Plan's 20 actions and 64 accompanying activities (see Appendix 1).

Reduce GHG Emissions

To understand how the Region can best achieve the science-based *Reduce GHG Emissions* outcome, GHG emissions were quantified by source (see Figure 1) and modelling software was used to evaluate a Business-as-Planned scenario versus a Low Carbon Pathway Scenario. The comparison yielded the following results:

- GHG emissions in the Business-as-Planned Scenario would remain static for the next decade as actions would primarily just offset growth (see Figure 2).
- GHG emissions in the Low Carbon Pathway Scenario would be reduced by 22,000 tonnes of carbon dioxide equivalent (tCO₂e) and thus achieve the target of 45 per cent below 2010 levels by 2030 (see Figure 2).
- The Low Carbon Pathway aligns GHG emission reduction actions, like high-performance new construction and deep energy building retrofits, with planned state-of-good-repair and new construction work, thus leveraging existing resources and

CLIMATE CHANGE MASTER PLAN

minimizing construction-related disruptions (see Appendix 1 for details on the Low Carbon Pathway actions).

Figure 1: Region of Peel Corporate Greenhouse Gas Emissions by Source

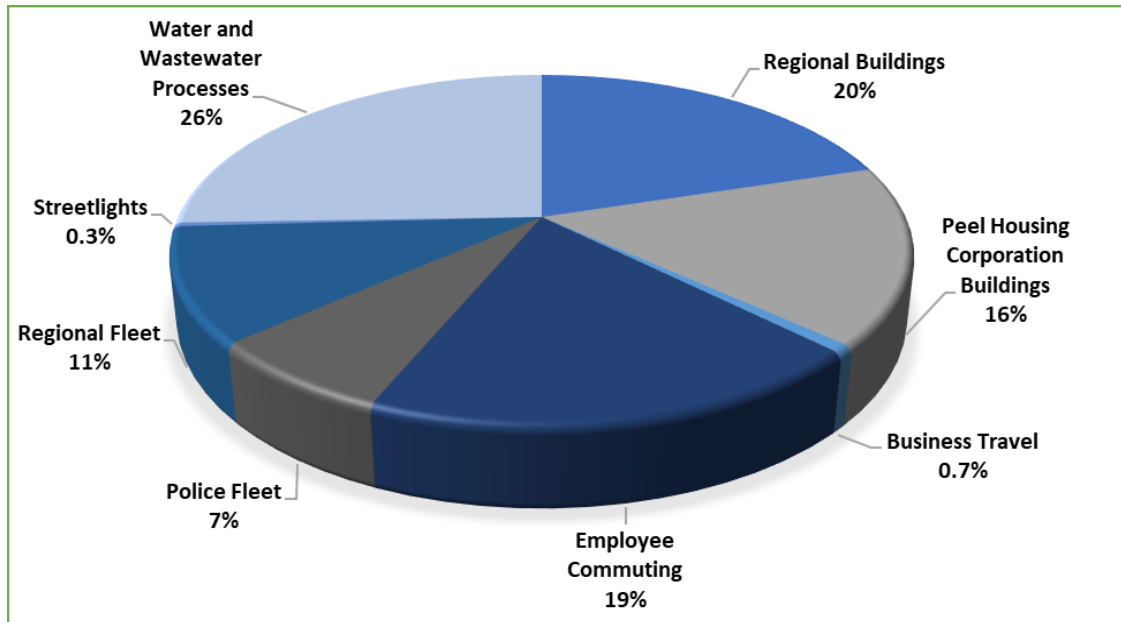
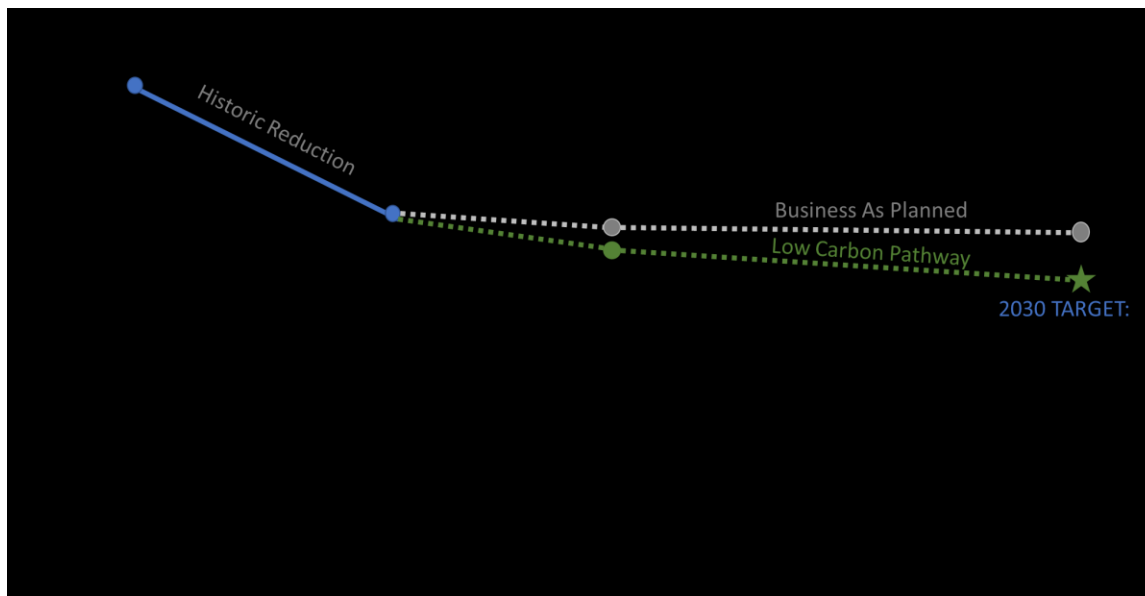


Figure 2: Region of Peel's Reduce Emission Target Trajectory



Be Prepared

Climate change is happening now. The Region has, and will continue to experience, unavoidable impacts due to set warming of the atmosphere. In response, it is important that the Region be prepared through enhanced resiliency planning. Thus, *Be Prepared* is a

CLIMATE CHANGE MASTER PLAN

primary outcome of the Plan and its achievement will be measured by the Region's Climate Change Resiliency Scorecard (see Table 1). Progress will be made through a series of *Be Prepared* actions to better quantify, understand, and address growing climate change risks.

Table 1: Climate Change Resiliency Scorecard

<input type="checkbox"/> Public Support and Disaster Preparedness Increased	<input type="checkbox"/> Land Use Policy Implemented to Reduce GHG's and Community Vulnerability
<input type="checkbox"/> Human Health Protected	<input type="checkbox"/> Natural and Green Infrastructure Protected and Enhanced
<input type="checkbox"/> Commitment, Capacity and Partnerships Expanded	<input type="checkbox"/> Investments Made and Financial Risks and Opportunities Disclosed
<input type="checkbox"/> Climate Risks and GHG Emissions Understood and Plan in Place	

CLIMATE CHANGE MASTER PLAN

Preparing for Transformative Change through Phase I Implementation

While the Region continues to enhance and deliver on the integration of climate change considerations across existing Plans and strategies, the implementation of the Plan actions will employ a phased approach. Phase 1 (2020 – 2023) will help ensure the Region has a sound long-term climate financial approach, while building the knowledge and experience around emerging technologies and practices prior to full-scale Plan implementation. Thus informed, the Plan will be refreshed and brought back to Council for endorsement of Phase II (2024 -2030). Plan Phase I work will include, but not limited to, the following initiatives:

- **Implement up to five ‘Pacesetter Projects’:** Piloting deep energy retrofits and new construction to achieve near-net zero carbon operations and resiliency to extreme heat and flooding across the Region’s buildings and housing portfolios. For example, Deep Energy Retrofit at 10 Peel Centre and High-Performance New Construction at future Public Works Victoria Yard.
- **Assess and Integrate Climate Change Risks into Asset Management Planning:** Demonstrating provincial regulatory compliance by quantifying climate related risks to assets and infrastructure, estimating damage costs/service disruption due to failure, and costs for corrective measures. The output of this initiative will inform the development or enhancement of standards for infrastructure exposed to climate change (ex. Regional buildings and bridges).
- **Update Service Level Operational Plans:** Establishing GHG reduction sub-targets and resiliency outcomes by Regional service area, and outlining the actions, budgets and timelines to achieve them.
- **Complete the Climate Change Financing Strategy:** Defining how the Plan actions will be resourced, embedding the need for advocacy and securing external funding to mitigate costs to the tax base and utility rate. The Climate Change Financing Strategy will also provide a schedule for Plan action expenditures.
- **Complete the Climate Change Engagement Strategy:** Changing behaviour through sustained engagement within the organization and targeted groups that shares knowledge, builds capacity, aligns decision-making and strengthens advocacy.

FINANCIAL IMPLICATIONS

The estimated incremental cost to implement the actions of Region’s Climate Change Master Plan is \$300-\$400 million, with the majority of these costs being allocated to *Reduce GHG Emissions* actions. The estimated cumulative savings from avoided operating costs and carbon pricing is \$85 million by 2030, with positive returns in the following decades.

In 2020, staff will report back to Council with the Climate Change Financing Strategy which will provide guidance on the funding of the full plan, including the \$20 million budget for the Plan’s Pacesetter projects.

CLIMATE CHANGE MASTER PLAN

RISKS

The Plan was written with focus on initiatives that Region has the opportunity to lead by example during this critical decade. It does not remove the role external factors, such as changing political environment, evolving energy markets, and availability of technology may have in either challenging or enabling the Region's ability to achieve stated climate change outcomes of the Plan. As such, adopting agile governance over climate-related decisions will be an important strategy to harness times of accelerated action or re-align to a steadier pace of implementation.

If the Plan is not approved the Region will not benefit from a coordinated, goal-driven approach to achieve the Council's commitment to address the urgency of climate change or meet the corporate mitigation target and substantially reduce risks. Without a comprehensive plan, various climate change-related work at the Region will continue, but with less confidence that the right resources are invested at the right time and for the right initiatives. As noted, in the Region's Corporate Risk Profile, the impact of inaction on climate change would amplify risks across the organization.

NEXT STEPS


With the approval of the Region's Climate Change Master Plan, the following next steps will be taken in the immediate-term:

- Share the Climate Change Master Plan with members of the Peel Climate Change Partnership (City of Mississauga, City of Brampton, Town of Caledon, Region of Peel, Toronto and Region Conservation Authority and Credit Valley Conservation).
- Share the Climate Change Master Plan with the Peel Housing Corporation Board and Peel Police Services Board.
- Prepare qualitative baseline scoring for the Climate Change Resiliency Scorecard.
- Initiate the implementation of Phase 1.

Progress on the Plan will be reported to Council on an annual basis.

CONCLUSION

The imperative of climate change, when dealt with holistically and strategically across the spectrum of critical services provided by the Region, is an opportunity to address underlying factors that impact human health, long-term economic stability, deep ecological concerns, and overall social equity. By working with partners, at all levels of government and across the community, the Region can transform to a low carbon, resilient Community for Life.



Catherine Matheson, Commissioner of Corporate Services

CLIMATE CHANGE MASTER PLAN

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I - Region of Peel Climate Change Master Plan Executive Summary

Appendix II - Region of Peel Climate Change Master Plan

For further information regarding this report, please contact Christine Tu, Director, Office of Climate Change and Energy Management.

Authored By: Jeremy Schembri, Manager, Office of Climate Change and Energy Management

Executive Summary



CLIMATE CHANGE MASTER PLAN

LEAD **INFLUENCE** TRANSFORM

2020 – 2030

APPENDIX I CLIMATE CHANGE MASTER PLAN

Warming Stripes for Canada from 1901–2018.
Annual average temperatures for Canada from
1901–2018 using data from Berkeley Earth.*

Change Beyond Climate

Climate change is the defining challenge of our time. Now is the time municipalities can **Lead** through action to **Influence** the change needed to **Transform**. This will be critical to ensure communities remain equitable, healthy, prosperous, and secure places to live and work in the future.

In 2017, Regional Council unanimously endorsed a Climate Change Statement of Commitment directing the Region of Peel to develop a climate change master plan.

Building on this commitment, the Region of Peel will be a leader in the community to reduce greenhouse gas (GHG) emissions and to ensure its services, operations, and infrastructure are resilient to the impacts of climate change. These combined efforts will enable the Region's vision of building a Community for Life, where everyone enjoys a sense of belonging and has access to the services and opportunities they need to thrive throughout each stage of their lives.

The Region is experiencing the impacts of climate change. Anticipated future impacts, including severe heat waves, threats to the water supply, extreme storms, and adverse health effects, could disrupt society and the economy.

The signing of the Paris Agreement in December 2015 marked the moment when the global community committed to climate action to keep warming well below 2°Celsius (°C), and to strive to limit warming to 1.5°C above preindustrial levels. These targets require transformational change, which hinges on every community putting its resources, innovation, and leadership into play.

Municipalities around the world are stepping forward with strategies that identify ambitious targets to reduce or eliminate GHG emissions and protect their populations from the impacts of climate change. With the Climate Change Master Plan (CCMP), the Region will join their ranks by demonstrating leadership in its own operations (**Lead**), while supporting community climate action (**Influence**). The first three years will be defined the Pacesetter projects, pilots to inform the broader roll-out of net zero energy and net zero carbon buildings.

The Region will prioritize resources, policies, and initiatives that facilitate this transformation. The Region recognizes the urgency of this challenge and will take bold action.



APPENDIX I CLIMATE CHANGE MASTER PLAN




The Climate Is Changing

Canada is warming at twice the rate of the rest of the world and the impacts are already being felt across the country and in every sector. In 2019, the Bank of Canada identified climate change as a risk to the economy and financial system, both as a physical risk from disruptive weather events and as a transition risk from adapting to a lower carbon economy.

Peel has experienced a number of significant weather-related events

Peel has experienced a number of significant weather-related events over the last decade, including (amongst others) a record-breaking rainfall in July 2013 that resulted in widespread flooding, and an ice storm in December 2013 that resulted in severe tree damage and power outages for several days. These events resulted in negative health impacts, damage to property, disruption in critical infrastructure systems, business and service interruptions, and limited mobility and access to services.

In Peel, these types of impacts are projected to increase in variability, frequency, and intensity. The most significant climate impacts to Peel will be from higher average temperatures, increases in heat waves, increases in rainfall, and more extreme weather events. This is expected to negatively impact the following areas;

 <p>Increased health impacts and reduced staff productivity</p>	 <p>Growing demands on public health, paramedic, and emergency management services</p>
 <p>Increased energy use and vulnerability of the electricity supply</p>	 <p>Rising financial costs and liabilities</p>
 <p>Increased pressure on operations and maintenance</p>	 <p>Increased impacts to natural systems</p>







1. Bush, E. and Lemmen, D.S., editors (2019): Canada's Changing Climate Report; Government of Canada, Ottawa, ON. p. 444
 2. Bank of Canada (2019). Financial System Review – 2019. Retrieved from: bankofcanada.ca/2019/05/financial-system-review-2019/#continue
 3. Region of Peel. (2016). Climate Trends and Future Projections in the Region of Peel.
 4. Region of Peel. (2019). Region of Peel Corporate Climate Change Risk Assessment Results Report.
 * Source: showyourstripes.info

Stepping Up to the Challenge

The Region’s responsibility to address climate change is based on the imperative to reduce GHG emissions and the ability to maintain the delivery of services in the face of current and projected climatic changes. This is consistent with how *the Municipal Act* empowers local government as leaders in the community, tasked with accountability and transparent decision making that has the well-being of the municipality at its core, including respecting and responding to the threat of climate change.

As much as climate change presents risks, there are also opportunities

As much as climate change presents risks, there are also inherent opportunities. Actions which reduce GHG emissions and increase resilience can also result in co-benefits. These include:

 <p>Creating vibrant walkable cityscapes through sustainable urban design</p>	 <p>Improving public health outcomes, particularly among vulnerable populations</p>
 <p>Improving mental health outcomes</p>	 <p>Reducing regional operating and capital costs, and avoiding future costs from economic losses</p>
 <p>Spurring the local economy, generating jobs and attracting top talent</p>	 <p>Protecting the local environment, cleaning the air, and water</p>

To fully realize many of these co-benefits, and ensure future investments are on-track to meet longer-term and deeper carbon reduction targets, experts in the energy sector are in agreement that diversification in energy sources (renewables, biofuel and, for now, natural gas) and decentralized energy systems (also known as district energy or community energy) are part of the required response to stay on track with the global agreement to meet the 1.5°C threshold.

In support of the continuous delivery of critical services to the Peel community and for future generations the CCMP focuses on reducing GHG emissions and preparing for the impacts of climate change in its corporate operations over the next decade, and ensuring future-ready conditions that can leverage and access energy diversity and system transitions over time. These operations encompass a range of services in the areas of health, affordable housing, water, waste, and wastewater, amongst others.

These services are delivered through Peel’s assets worth \$27.8B (with \$9B new assets planned out to 2041), including one million m² of building floor space, corporate and police fleets, roads, water and wastewater treatment plants, sewer lines, and other associated infrastructure.

CCMP Outcomes

Build Capacity: Climate change is considered in all decision-making through organization-wide climate literacy, planning, and accountability.

Reduce GHG emissions: Corporate greenhouse gas emissions are reduced by 45% by 2030, relative to 2010 levels.

Be Prepared: A safe, secure, and connected community is provided by ensuring Regional services and assets are more resilient to extreme weather events and future climate conditions.

Invest: Innovative and sustainable approaches are used to finance action on climate change.

Monitor and Report: Progress on addressing Regionally-funded climate change work is consistently reported, available, and widely understood.

Progress on these outcomes will be measured by the Region's Climate Change Resiliency scorecard which assesses key factors of a climate resilient community.



Build Capacity

Outcome: Climate change is considered in all decision-making through organization-wide climate literacy, planning, and accountability.

The emphasis on transformational change requires the promotion of governance processes that encourage learning, questioning norms, leading by example, and engagement, in addition to adjusting technical and infrastructure specifications.

Table 1.1
Build Capacity Actions

	Actions	Output
1	Develop service area climate change operational plans	Operational plans will be collaboratively developed to guide the implementation of the CCMP and provide clarity on responsibilities, timelines, and resource requirements.
2	Provide tools that enable integration of climate change priorities into decision making	A set of future scenarios will be developed to support decision-making. A guide will be prepared that incorporates the integration of climate change into business plans, and into standards and guidelines.
3	Communicate the need for and benefits of climate action	The Region will develop and implement an engagement strategy for key audiences, further informing discussions and actions on climate change.
4	Stimulate innovative approaches to address climate change	The Region will communicate and incentivize evidence based best practices.



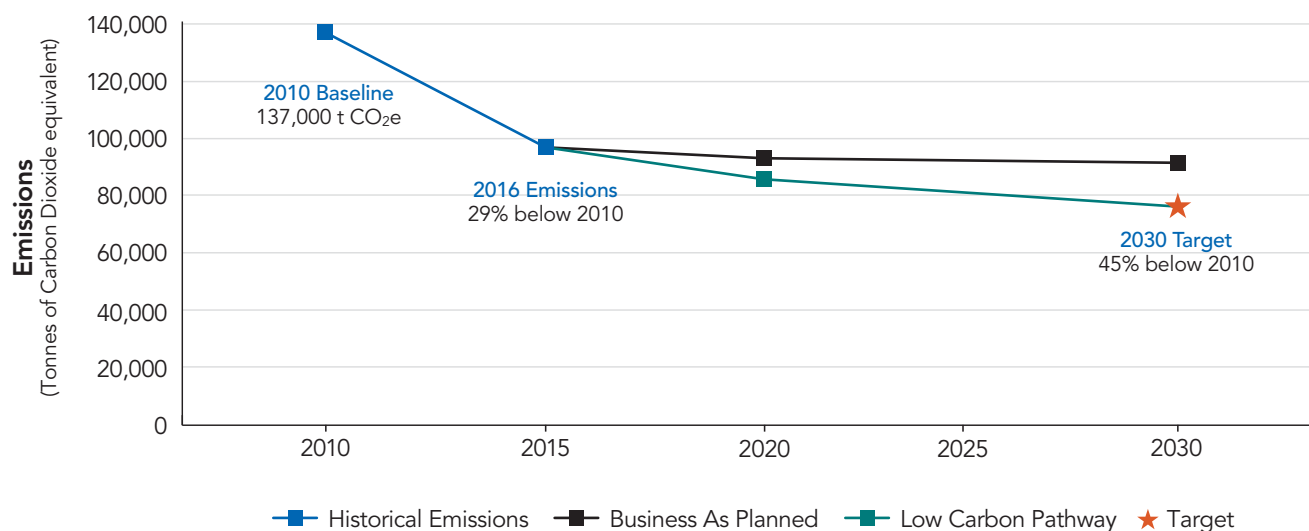
Reduce GHG emissions

Outcome: Corporate greenhouse gas emissions are reduced by 45% by 2030, relative to 2010 levels.

The Region of Peel has established a science-based target and will apply bold solutions to reduce GHG emissions from its buildings, fleet, and processes. The Region will also explore how to leverage this momentum and enable longer-term energy system transformation across the Region.

Using detailed modeling, the Region has developed a Low Carbon Pathway (LCP) model that achieves the target of a 45% reduction in GHG emissions below 2010 levels by 2030⁴. The Low Carbon Pathway is an accelerated option when compared to a “Business as Planned” (BAP) trajectory which would represent only a 30% reduction below 2010 with growth and the implementation of current plans (See Figure 1.2).

Figure 1.2
The Low Carbon Pathway to the Region’s 2030 GHG Emissions Target



⁴ The CCMP is focused on the period from 2020 to 2030, but also considers the implications of current actions out until 2050 in order to account for the duration of the impact of long-lasting investments.

The LCP is an ambitious but practical approach that addresses GHG emissions from the delivery of services to the community. It focuses on the heating and cooling of buildings, renewable energy generation, emissions from wastewater treatment, green fleet, and mode shifting for commuting, amongst other considerations (See Figure 1.3 for breakdown of emissions).

Figure 1.3
GHG Emissions from Delivery of Services

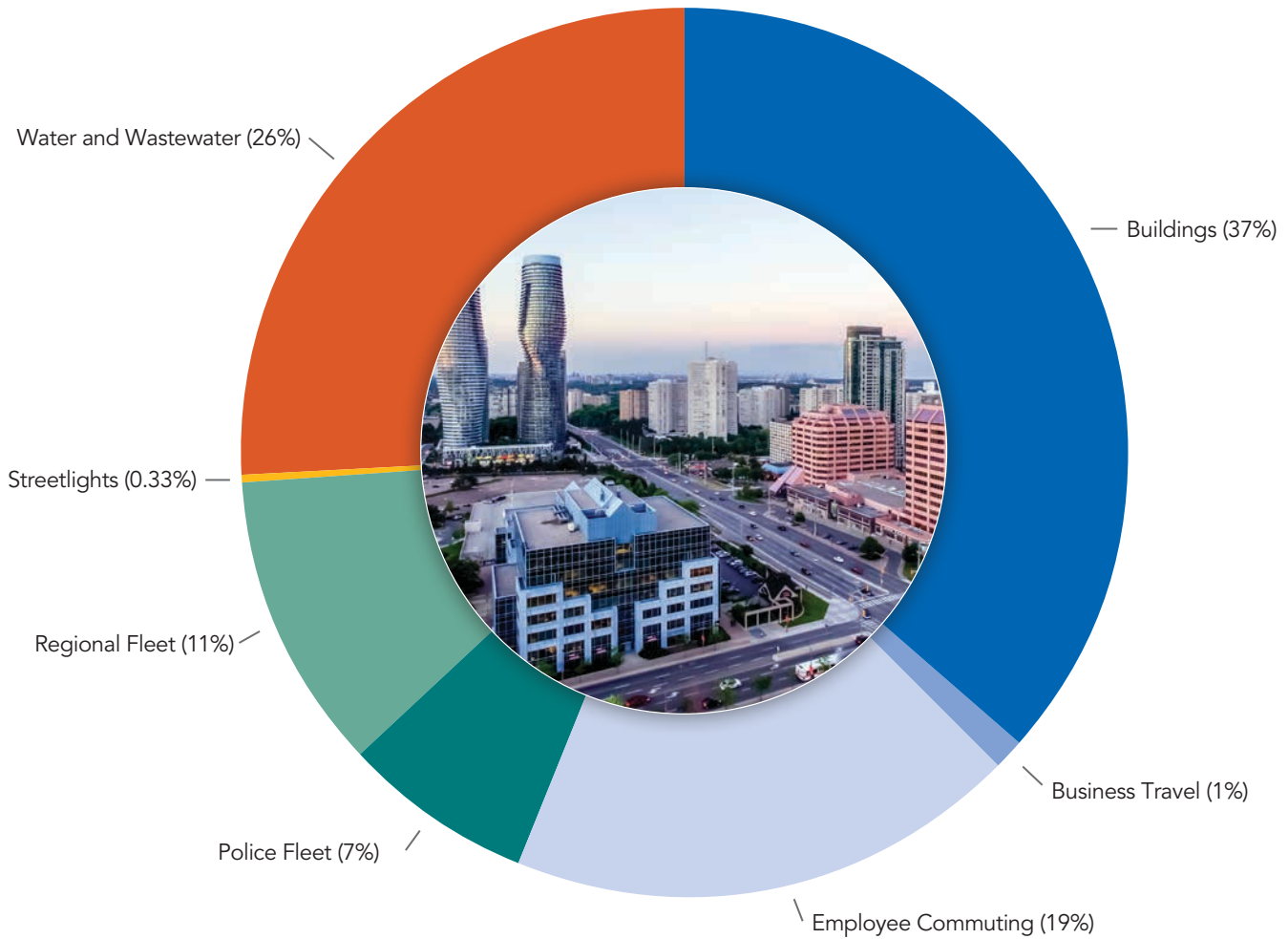


Table 1.2
Reduce GHG Actions

	Actions	Output
5	Undertake deep retrofits for existing buildings	Pursue deep retrofits of existing buildings, leveraging state of good repair work, and prioritizing energy intensive buildings.
6	Ensure new buildings have high energy performance	Construct new buildings to achieve a net zero carbon standard.
7	Generate low carbon energy	Install solar PV and geexchange systems, where feasible, as buildings are constructed or retrofitted.
8	Enable alignment of Regional actions with transition toward diversified and decentralized energy systems	Convene and coordinate appropriate partners to develop a strategy for diversified and decentralized energy management at the regional scale and implement where feasible.
9	Support sustainable transportation for commuting	Promote actions of the Sustainable Transportation Strategy to support mode shifting and encourage teleworking.
10	Green the fleet	Continue to implement the Green Fleet Strategy.
11	Maximize energy efficiency and energy recovery in water and wastewater systems	Optimize the treatment and transmission of water supply. Implement the actions of the Wastewater Energy Security Strategy where feasible.



Be Prepared

Outcome: A safe, secure, and connected community is provided by ensuring Regional services and assets are more resilient to extreme weather events and future climate conditions.

The ability of the broader community to thrive is linked to the ability of the Region to maintain and operate assets and the vital services they provide through possible climate change disruption. The actions in this chapter will ensure the Region’s infrastructure assets and the services they provide, especially to those who are most vulnerable, are more resilient to extreme weather events and future climate conditions.

The Region faces an array of impacts from climate change, and will apply an integrated and systematic approach that:

- Increases readiness to respond to extreme events and climate-related health issues, especially those most vulnerable to climate impacts;
- Proactively protects and strengthens the Region’s existing infrastructure assets to maintain of service delivery to the community;
- Reduces the impacts of heat and flooding through green infrastructure; and
- Plans and builds assets and service delivery for a future climate and population projections.

Table 1.3
Be Prepared Actions

	Actions	Output
12	Better prepare to respond to, and raise awareness of, increased climate change-related emergencies and health impacts	The Region will enhance alliances with emergency management (EM) partners and integrate climate into EM planning and operations.
13	Identify and manage risks to infrastructure assets	The Region will undertake a climate risk and vulnerability analysis of Regionally-owned assets, integrate climate in the asset management planning process, apply climate design and performance criteria to new and state of good repair (SOGR) infrastructure work, and make climate risk and vulnerability-related information and plans for resilience available to the public.
14	Protect and increase green infrastructure throughout Peel	The Region will collaborate with local municipalities to expand GI across Peel. The Region will inventory, protect, and maintain existing natural assets, while expanding GI in areas with the greatest need.
15	Enhance standards, guidelines, and planning activities that pursue resilient urban design and development	The Region will develop and apply a resilience lens to new infrastructure. Working with Conservation Authorities and Local Municipalities maintain data on hazards, vulnerabilities, and risks, and further integrate climate hazards considerations into land use planning policy and processes.

Invest

Outcome: Innovative and sustainable approaches are used to finance action on climate change

Climate science has highlighted the urgency to mitigate and adapt to climate change now. The Region’s track record of prudent, forward-looking fiscal and budgetary policies could be threatened by future climate impacts and damages. These actions require significant investments that will generate returns. These investments present financial merits, and are critical to the future well-being of the Region and building a Community for Life.

The actions in the Low Carbon Pathway require incremental investments over the life of the Master Plan that result in savings later and are central to influencing broader transformation. These mitigation actions represent the majority of the estimated \$300–400 million capital expenditure needed to implement the action of the CCMP. The funding of this important work will be addressed through the Climate Finance Strategy. This work would be carried in alignment with the Region of Peel’s Long-term Financial Strategy.

Table 1.4
Invest Actions

	Actions	Output
16	Complete a Climate Change Financing Strategy	The Climate Change Financing Strategy will develop the framework for how actions of the CCMP are budgeted into long term capital planning, with consideration given to innovative financing tools, including external funding.



5 Note that this representation of capital costs includes green infrastructure. However, because the financials for green infrastructure are calculated differently, it is not included in the Low Carbon Pathway financial results.

Monitor and Report

Outcome: Progress on addressing Regionally-funded climate change work is consistently reported, available, and widely understood.

Reporting, measurement, and evaluation processes are critical to understanding the impacts of climate change. This can enable a safe space for trying new approaches and informing risks. Therefore, the CCMP will report on elements from the Region’s performance in achieving climate change resiliency criteria and GHG reduction targets to climate risk exposure and project implementation.

Table 1.5
Reporting Actions

	Actions	Output
17	Report annually on Climate Change Master Plan Implementation	Provide status on progress toward climate change outcomes.
18	Develop a corporate climate change resiliency performance report	Report on how the Region is performing relative to the climate change resiliency scorecard.
19	Develop an annual climate-related financial disclosure report	A comprehensive report on the Region’s response to climate change will be published annually, using a format developed by the Task Force on Climate-Related Financial Disclosure.
20	Complete periodic scientific reviews	A review of climate science and its implications for the Region will be undertaken periodically by the Region.

Climate Change Resiliency Scorecard

- ✓ Public Support and Disaster Preparedness Increased
- ✓ Human Health Protected
- ✓ Commitment, Capacity and Partnerships Expanded
- ✓ Climate Risks and GHG’s Understood and Plan in Place
- ✓ Climate Related Risks and GHG’s Reduced
- ✓ Land Use Policy Implemented to Reduce GHG’s and Community Vulnerability
- ✓ Natural and Green Infrastructure Protected and Enhanced
- ✓ Investments Made and Financial Risks and Opportunities Disclosed



The Path Toward Transformation

The CCMP is a comprehensive ten-year strategy that contains many significant leadership opportunities that can influence positive change within the community. As part of the CCMP, the Region will:

- Be the first municipality in Canada to apply a carbon budget to its own operations;
- Undertake a deep retrofit program for existing buildings targeting net zero energy in alignment with anticipated transformations in the energy sector;
- Construct new buildings to net zero carbon in alignment with anticipated transformations in the energy sector;
- Integrate climate resilience into asset management;
- Implement a green infrastructure program on existing and new assets; and
- Help pioneer climate risk and opportunity reporting by municipalities as specified by the Task Force on Climate-Related Financial Disclosures.

The CCMP creates a pathway that will be reviewed in 2023, while guiding investments that will deliver benefits beyond the CCMP's ten-year time horizon. These benefits will include reduced GHG emissions and increased resilience to climate change and will also take many other forms, from enhancing the Region's reputation as a climate leader to improving the quality of the workplace. The CCMP will help the Region

make the right investment decisions to create a healthy, safe, and connected community for current and future generations. It outlines a pathway for bold leadership and demonstrates the Region is a government that is future-oriented and accountable. All are necessary components for the Region to Transform in response to climate change.

Investments that will deliver benefits beyond the CCMP's ten-year time horizon







CLIMATE CHANGE MASTER PLAN

LEAD **INFLUENCE** TRANSFORM

2020–2030

The Region of Peel Climate Change Master Plan is an output of a larger technical report prepared by Sustainable Solution Group.

The preparation of this Climate Change Master Plan was carried out with assistance from the Government of Canada and the Federation of Canadian Municipalities. Notwithstanding this support, the views expressed are the personal views of the authors, and the Federation of Canadian Municipalities and the Government of Canada accept no responsibility for them.

APPENDIX II
CLIMATE CHANGE MASTER PLAN

Warming Stripes for Canada from 1901–2018.
Annual average temperatures for Canada from
1901–2018 using data from Berkeley Earth.*

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CHAPTER ONE

Introduction

Purpose of the Chapter

This chapter describes the policy context for the CCMP, assesses relevant trends, and inventories the Region's current assets and services.

The Climate Emergency

In 2018, the Intergovernmental Panel on Climate Change (IPCC), the world's leading scientific body on climate change, released a report titled *Global Warming of 1.5°C*. The report indicated that the risks of climate change can be substantially reduced by limiting warming to 1.5 degrees Celsius. The IPCC has developed a science-based target to reduce emissions by 45% below 2010 levels by 2030 to limit the temperature rise and avoid catastrophic and irreversible damage.

Climate Change at the Region of Peel

In 2017, Regional Council endorsed a Climate Change Statement of Commitment to ensure concrete action is taken to mitigate and adapt to the effects of climate change, provide tangible benefits for residents today, and ensure future generations will have access to resources that support a healthy, safe, and connected community.

The Statement of Commitment establishes guiding principles and desired outcomes for Council to support transitioning to a low-carbon and resilient future. The statement acknowledges that the Region of Peel (the Region) has a long-term organizational target to reduce GHG emissions and the imperative to build a more resilient community. To achieve these outcomes, the Statement committed the Region to develop a Climate Change Master Plan.

The Region has invested in addressing climate change since the mid-2000s, including providing annual climate change funds to the Toronto and Region Conservation Authority and Credit Valley Conservation from 2007 to present. Further, climate change action has been a priority for the Region for the last two terms of Council. The focus of this priority has evolved during this time, from the 2010–2014 Term of Council Priority (ToCP) "Reducing Greenhouse Gas Emissions" to the 2014–2018 priority of "Adapt to and Mitigate the Effects of Climate Change." The current 2018–2022 ToCP is to "Build Environmental Resilience" and aims to ensure "Peel is a community that is resource efficient, emits less greenhouse gases, is healthier and better prepared for the impacts of climate change."

These ToCPs have spurred the development of climate change related plans and strategies, such as:

- ***The Inflow and Infiltration (I/I) Strategy*** - focused on reducing the risk of basement flooding from the sanitary sewer system during severe weather events.
- ***The Changing Landscape of Health in Peel*** - a Comprehensive Health Status Report released in 2019 identifying climate change as a key health threat to Peel residents.
- ***The Stormwater Design Criteria and Procedural Manual*** - intended to limit stormwater quantity and quality concerns.

The Climate Change Master Plan

The Climate Change Master Plan (the CCMP) is comprised of 20 actions and 64 activities which will set forth the direction for how the Region will **Lead** by example through the management of Regional assets, infrastructure, and services in a changing climate over the next decade; and substantiate the **Influence** necessary to support the community as it **Transforms** in response to climate change. In doing so, the CCMP will compliment and support efforts of partners in the broader community.

As a master plan, the CCMP provides details for decision-makers on what solutions should be acted upon to achieve the Region’s climate change outcomes, while still providing subject-matter experts the flexibility on how these actions will be implemented.

The primary outcomes of the CCMP are to “Reduce ‘Emissions’” and “Be Prepared,” which reflect the imperative to mitigate and adapt to the effects of climate change. The remaining three are supportive to the primary outcomes and will enable success by providing direction to “Build Capacity,” “Invest,” and “Monitor and Report” (see Table 2.1). The pursuit of these outcomes is guided by four principles: balance, transparency, collaboration, and innovation.

Table 1.1
CCMP Outcomes

Outcomes	Description
<i>Primary</i>	
Reduce Emissions	Corporate greenhouse gas emissions are reduced by 45% by 2030, relative to 2010 levels.
Be Prepared	A safe, secure, and connected community is provided by ensuring Regional services and assets are more resilient to extreme weather events and future climate conditions.
<i>Supporting</i>	
Build Capacity	Climate change is considered in all decision-making through organization-wide climate literacy, planning, and accountability.
Invest	Innovative and sustainable approaches are used to finance action on climate change.
Monitor and Report	Progress on addressing Regionally funded climate change work is consistently reported, available, and widely understood.

Recommended actions are based on in-depth analysis, modelled calculations, review of the available literature and extensive consultation. Additional detail have been provided throughout the CCMP technical report.

The Challenge

Figure 1.1
Peel Regional Boundary



Regional Growth

Peel covers 1,246 km², reaching from Lake Ontario to the Oak Ridges Moraine and the Niagara Escarpment. With a 2016 population of 1.4 million people, Peel is the second largest municipality in Ontario. The Region of Peel consists of three area municipalities: the City of Mississauga, the City of Brampton, and the Town of Caledon and two conservation authorities: Credit Valley Conservation and Toronto Region Conservation Authority.

The Region is projected to be one of the fastest growing municipalities in Ontario. The health, well-being and safety of Peel's residents, now and in the future, are paramount. Climate change will affect how the Region provides critical services to its growing population. Responding to the effects of climate change may result in the Region needing to expand its services while it supports its infrastructure over a vast geographical area. This will include maintaining and protecting over \$27 billion in current assets as well as a projected \$9 billion in additional assets by 2041.

In this dynamic environment, the Region will be looked to **Lead** in the community through significant reductions in GHG emissions, while simultaneously increasing resilience to future climate change. This is enabled through the Municipal Act empowerment of local government as leaders in the community. The Region is tasked with accountability and transparent decision making that has the well-being of the municipality at its core, including respecting and responding to threat of climate change.

Climate

Peel’s climate is characterized by winters that are cold and damp, with a mix of rain and snowfall, while summers are frequently hot and humid. With the onset of climate change, average annual temperatures could increase by 2°C, with multiple weeks above 30°C and several days above 35°C. Extreme precipitation is also expected to further increase This is expected to negatively impact the following areas;

- Increased health impacts and reduced productivity;
- Growing demands on public health, paramedic, and emergency services;
- Increased energy use and vulnerability of the electricity supply;
- Rising financial costs and liabilities;
- Increased pressure on operations and maintenance;
- Increased impacts to natural systems.

Opportunities

The CCMP is intended to provide a map that will guide the delivery of critical Regional services through this challenge while being mindful of opportunities to be a positive **Influence** in the community. The impact of the Region’s services is felt greatest by vulnerable populations, notably the services described in the Living section of Table 1.2. Vulnerable populations are more strongly affected by climate events and take longer to recover from extreme weather events. The actions of the CCMP will help address these exposures and apply a lens of climate equity.

Climate equity is a principle promoting solutions that give equal opportunity for everyone to benefit from investments in climate change, while ensuring vulnerable populations do not bare an unequal burden from impacts.

Table 1.2
Services provided by the Region of Peel.

Living	Thriving	Leading
Housing Support	Early Growth and Development	Public Accountability
Homelessness Support	Chronic Disease Prevention	Financial Management
Income Support	Infectious Disease Prevention	Asset Management
Employment Support	Water Supply	Workforce
Community Investment	Wastewater	Corporate Governance
Adult Day Support	Waste	Information and Technology
Long Term Care	Roads and Transportation	
Paramedics	Land Use Planning	
Accessible Transportation	Heritage, Arts, and Culture	

Co-Benefits

In many cases, reducing emissions and being prepared will also contribute to a vibrant urban environment, improve public health outcomes, reduce municipal operating and capital costs, and support innovation. These additional benefits, known as co-benefits, are summarized in table 1.3, and explored below.



Table 1.3

Financial Benefits

GHG Reduction Benefits	Be Prepared Benefits
Operational cost savings and avoidance from energy efficiency	Avoided costs from physical damage to infrastructure causing increased demand on service
Reduced operating and maintenance costs	Prolonged asset life
Avoided fuel costs from shift to more sustainable transportation and green fleet	Increased staff productivity and retention
Increased property and asset value	
Local economic growth and investment	



Health Benefits

GHG Reduction Benefits	Be Prepared Benefits
Improved outdoor air quality from cleaner sources of energy	Improved air quality from increased green infrastructure
Improved indoor air quality	Avoided illness, disability and death from reduced exposure to climate related hazards
Improved traffic safety	Improved health from more active living
	Enhanced mental health



Social and Quality of Life Benefits

GHG Reduction Benefits	Be Prepared Benefits
Increased employment opportunities from community benefits	Improved neighborhood design, aesthetics and civic pride
Complete communities	Greater social cohesion, increased social capital and equity
Increased energy security	Increased food security
Enhanced reputation and branding	
Increased public trust from more transparent responsive governance	



Environmental Benefits

GHG Reduction Benefits	Be Prepared Benefits
Improved air quality	Improved water quality
Helps keep global temperatures below 1.5 degrees C	Improved biodiversity
	Improved soil quality

The CCMP will help the Region make the right investment decisions to create a healthy, safe, and connected community. It outlines a pathway for bold leadership and demonstrates the Region is a government that is future-oriented and accountable.

i Region of Peel, 2019. Term of Council Priorities. <https://www.peelregion.ca/strategicplan/term-of-council-priorities/>. Accessed June 2019

ii Statistics Canada. 2017. Peel, RM [Census division] Census Profile. 2016 Census. Statistics Canada Catalogue no. 98-316-X2016001. Ottawa. Released November 29, 2017. <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E> (accessed October 24, 2018).

CHAPTER TWO

Build Capacity

Outcome: Climate change is considered in all decision making through climate literacy, planning, and accountability.

Purpose of the Chapter

The ability to **Lead, Influence and Transform** how the Region prepares for climate change and reduces GHG emissions requires leadership, evidence informed and transparent planning, innovation, and clear communication. The actions in this chapter address the Region's capacity gaps in preparation for an effective climate change response.

Why this Matters

Municipalities are at the forefront of change, continually responding to the evolving needs of the community. The Region recognizes the need to enhance climate literacy, planning processes, and the depth of accountability to proactively adapt to rapidly changing conditions.

Climate Readiness: Capacity, Culture, and Communication

Organizational capacity is an organization's ability to perform work, to marshal, develop, and direct financial, human, physical, and information resources. The Region of Peel will build on existing skills and organizational strengths, and develop new capacities in order to address climate change. The central drivers which enable this process are cultivating a supportive culture and maintaining clear and simple communication.



1 Ingraham, P., Joyce, P., Donahue, A. (2003). Government performance: Why management matters. Taylor & Francis.

2 Cox, K., Jolly, S., Staaij, S. V. D., & Stolk, C. V. (2018). Understanding the Drivers of Organisational Capacity (p. 51). Rand Corporation.

ACTIONS

1. Update Service Level Operational Plans

Why this Matters

Collective action on a rapidly emerging and time-bound problem like climate change requires a response with a clear direction and clarity of role. A response that is informed by the current environment and embodies the agility and innovation needed to evolve and be opportunistic. It is important that all involved have an appreciation for and shared understanding of their contributions to collective success.

Description

Service level operational plans will be updated to support implementation of the CCMP actions. Updated operational plans will clarify roles and responsibilities, timelines, and resources needed to achieve climate change outcomes. They will be informed by GHG reduction targets and opportunities and exposure to climate risks. Where necessary, initial operational plan actions will be informed by Pacesetter projects.

Pacesetter

Taking the lead or setting standards of achievement for others

Activities

1.1	Develop and assign GHG emissions reduction targets at the service level
1.2	Assess, and where feasible quantify, climate risks to services, establish resiliency objectives, and update operational plans
1.3	Update operational plans with actions from the CCMP, including roles and responsibilities, timelines, and resource required to achieve outcomes

ACTIONS

2. Provide Tools that Enable Integration of Climate Change Priorities into Decision Making

Why this Matters

The complexity and uncertainty of climate change impacts can be overwhelming. Conventional decision-making frameworks, such as cost benefit analysis, do not fully account for the consequences and co-benefits associated with climate change mitigation and adaptation initiatives.

Description

To enable the intent to lead by example, the Region will produce a series of decision support tools that further embed climate change into organizational process and practice. This will include the development of climate change impact scenarios designed to inform business planning, and updates to Regional standards and specifications.

Activities

2.1	Develop a set of climate change impact scenarios to support decision making
2.2	Develop a guide to support the integration of climate change into business plans
2.3	Incorporate climate change into relevant specifications and performance requirements and update every five years



ACTIONS

3. Communicate the Need for and Benefits of Climate Action

Why this Matters

The communication of evidence-based information will empower leaders and the community with the knowledge needed to inform decision-making and set expectations. It will strengthen broader engagement by providing a platform for dialogue and ideas sharing.

Description

An Engagement Strategy will increase awareness surrounding the need to act on climate change, inspiring collective action required to achieve the CCMP outcomes. It will use an array of communication techniques and platforms to elevate climate literacy, while promoting the opportunity for dialogue. This would include social media campaigns, integration with online mapping platforms, and leveraging educational surveys to spur action throughout the organization and in the community.

Activities

3.1	Develop the Climate Change Engagement Strategy
3.2	Leverage existing surveys to incorporate climate change questions and education into organizational and community surveys
3.3	Create platforms for information sharing and dialogue



ACTIONS

4. Stimulate Innovative Approaches to Address Climate Change

Why this Matters

The ability to **lead** on climate change requires continued willingness to innovate, take risks and bounce back after failure. By creating the right conditions to nurture innovation in a responsible way, new ideas can emerge that facilitate transformational change.

Description

An innovation incentive program will support pilot projects that reduce GHG emissions or climate change risks. Projects will be selected based on their impact and ability to **influence** similar actions within the community. Case studies and lessons learned from these projects and the implementation of the CCMP will be shared with the community via knowledge transfer events.

Activities

4.1	Establish innovation incentive program, including selection criteria and monitoring and reporting protocols
4.2	Prepare feasibility studies and research papers in anticipation of innovation
4.3	Coordinate knowledge transfer events to share learnings from innovative CCMP projects

Stimulating Innovation – Ozone Laundry at Regional Long Term Care Facilities

Between 2016 and 2017, the Region conducted an Ozone Laundry pilot project to evaluate this technology’s ability to reduce natural gas use, chemical needs, and operational costs at Malton Village Long Term Care Centre. Results showed a 31% decrease in laundry process GHG emissions, with a great return on investment. In 2019, the Region scaled up this innovation and rolled out this technology to three additional Long Term Care sites. This project is a clear demonstration of financial and environmental co-benefits as a result of climate change action.

Ozone is a molecule consisting of three oxygen atoms (O3). It is injected during the washing cycle to clean stains and sanitize materials. It can do this in colder water, resulting in less GHG emissions associated with using less natural gas to heat water.

CHAPTER THREE

Reduce GHG Emissions

Outcome: Corporate greenhouse gas emissions are reduced by 45% by 2030, relative to 2010 levels.

Purpose of the Chapter

Tackling climate change requires new approaches and bold solutions to reduce GHG emissions. This chapter explores the Region's current emissions profile, analyzes the future trajectory of emissions under a Business as Planned scenario, and puts forward a low carbon pathway to meet the Region's GHG emissions reduction targets.

Why this Matters

Reducing GHG emissions is necessary to limit the impacts of climate change. The Paris Agreement sets out a global action plan in order to avoid dangerous climate change. Achieving the objectives of the Paris Agreement requires that every person, organization, and government accelerate their efforts. Technologies and practices, which reduce GHG emissions.

- 1) Build on actions and strategies already being undertaken
- 2) "Future proof" the Region against technological change
- 3) Demonstrate leadership, and,
- 4) In many cases, save money.

The Low-Carbon Pathway

Two scenarios were developed to explore possible futures for the Region of Peel: a Business-as-Planned (BAP) scenario, and a Low-Carbon Pathway (LCP) scenario. The BAP represents a possible future where no additional initiatives are put in place, beyond planned work, to reduce corporate GHG emissions while accounting for the Region's projected growth. The LCP represents a future where the Region takes on additional and ambitious action to reduce emissions, with the goal of achieving the Reduce GHG Emissions outcome of 45% below 2010 levels by 2030. Figure 3.1 displays how the Region's emissions are projected to trend if we continue as we are today under the BAP scenario compared to implementing actions under the LCP scenario to meet the 2030 target.

Figure 3.1
Scenario Results Relative to GHG Targets

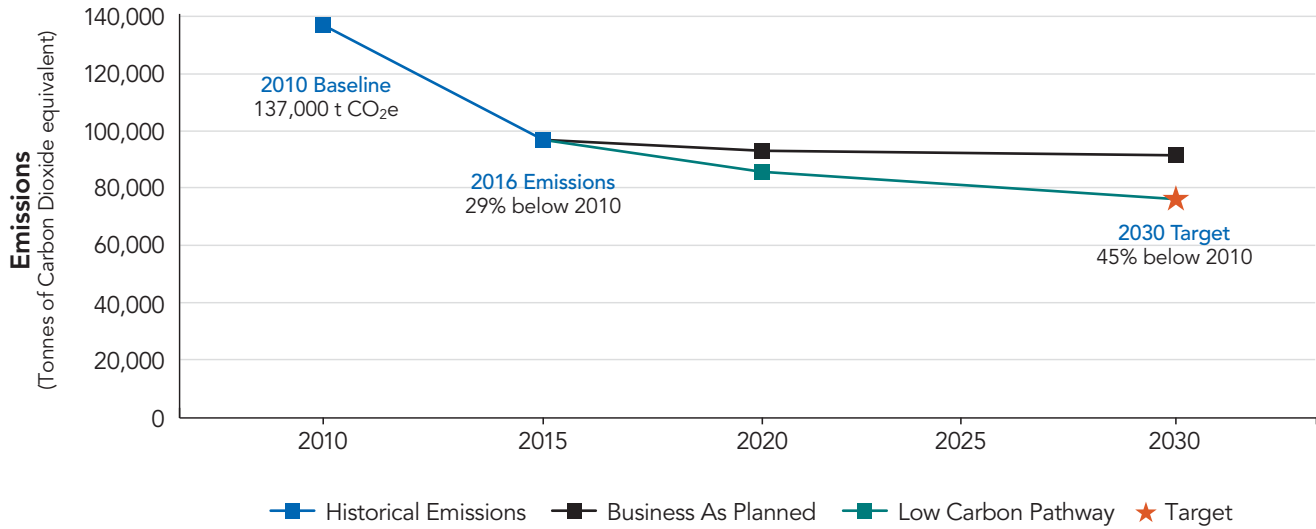
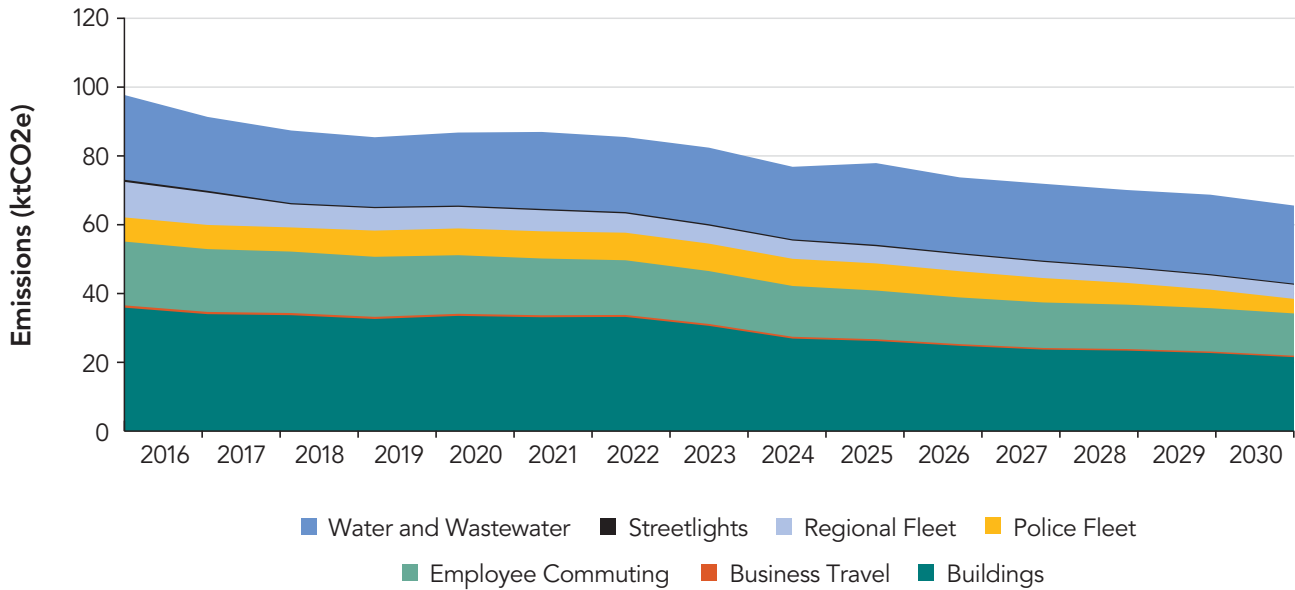


Figure 3.2 shows the Region’s current emissions and the LCS pathway to reduce these emissions by sector based on actions identified in this Plan.

Figure 3.2
Low Carbon Pathway Emissions by Sector



What about waste?

Although waste is outside the scope of this plan, waste management has a significant role to play in reducing GHG emissions in several ways, including landfill gas capture, recycling and organic waste diversion. Waste Management's Roadmap to a Circular Economy in the Region of Peel identified an organics recovery program for Peel's long term care facilities and a textile recovery program as key components in achieving the Region's 75% waste diversion goal by 2034.

Long Term Care Organics Collection Pilot

In July 2018, the Region of Peel piloted organics collection at two Peel long term care facilities. By November 2018, all five Region owned long term care facilities were receiving organics collection. The organics pilot expands acceptable items including incontinence products and allows long term care facilities to use regular plastic bags for disposal. To date, there has been 370 tonnes of organic material collected from these long term care facilities. On average, waste diversion at the long term care facilities has increased from 11% to 64%.

Textile Collection Pilot

Curbside

The Region of Peel partnered with three charitable organizations to pilot curbside third-party textile recovery from October 2017 to June 2019. Two types of collections were piloted: scheduled collection dates and a call-in service to schedule pick-up. There was a total of 10 collection events in Brampton and Mississauga recovering over 22 tonnes of textiles from curbside.

Multi-Residential

The Region of Peel, in partnership with Diabetes Canada, expanded the textile collection to include multi-residential buildings in August 2018. Taking a phased approach, the pilot was implemented at 55 Peel Living buildings and 4 private multi-residential condominiums. Each multi-residential building has a Region branded textile donation bin placed indoors or outdoors. To date, over 91 tonnes of textiles have been recovered from multi-residential buildings.



ACTIONS

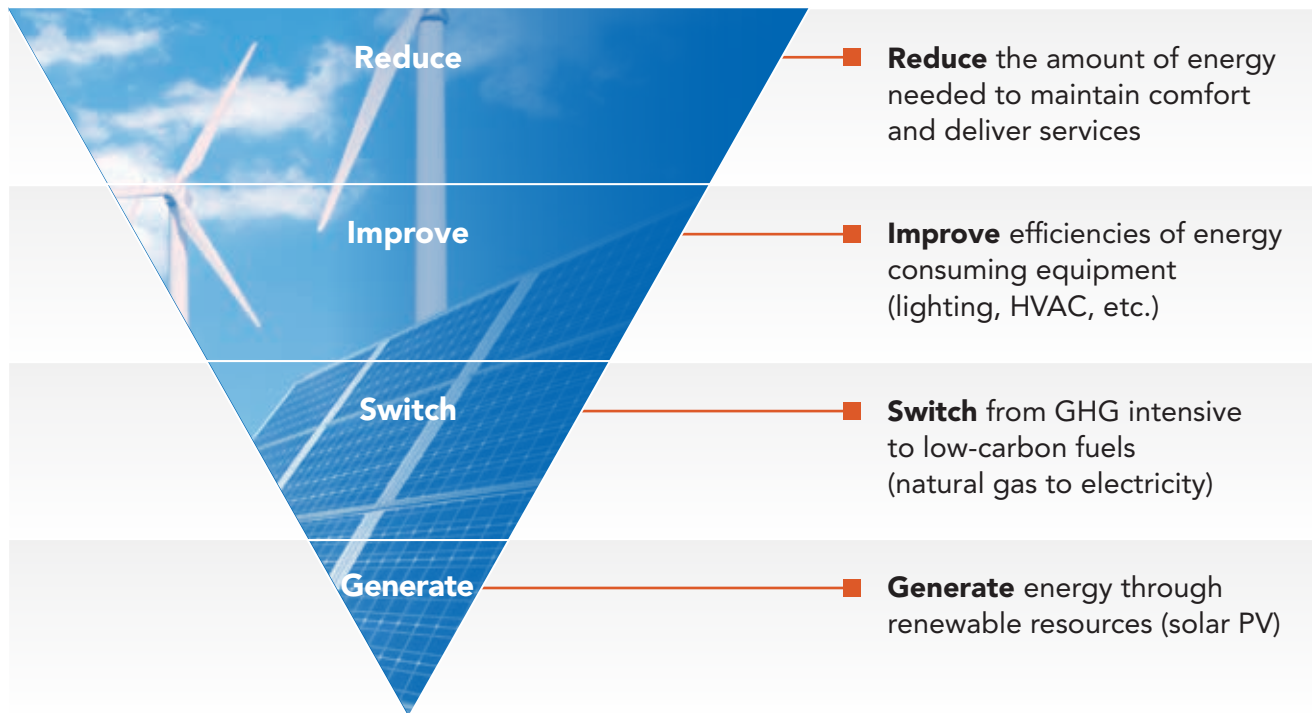
5. Undertake Deep Retrofits for Existing Buildings

Why this Matters

Buildings are significant greenhouse gas emitters primarily due to the use of natural gas for heating. Inefficient buildings have more heat transfer through the walls, roof, and windows, which increases heating and cooling needs and therefore energy costs. Deep retrofits minimize energy loss, reducing total energy use, while enhancing the comfort of the indoor environment. Undertaking a deep retrofit program will enable existing buildings to be highly energy efficient and low GHG emitters.

Description

Deep retrofits will be completed by taking a holistic planning approach to reducing a building's energy needs while leveraging the Reduce, Improve, Switch, and Generate framework, which prioritizes emissions reduction measures based on cost-effectiveness.



Even the best constructed building can have its energy performance undermined by the behaviour of occupants. Energy efficiency information campaign will help ensure that the people working and living in the Region’s buildings understand how they can contribute to lowering GHG emissions.

Finally, the Region will continually recommission its buildings to ensure energy consuming equipment is performing as designed.

Enabling Technology

The Region uses drones with thermo-graphic cameras to gauge the level of heat loss at a building.

Activities

5.1	Undertake deep retrofits of existing buildings, leveraging planned investments for state of good repair work and prioritizing energy intensive buildings
5.2	Implement energy efficiency information campaigns for buildings
5.3	Recommission buildings on an ongoing basis



ACTIONS

6. Ensure New Buildings have High Energy Performance

Why this Matters

The Region is a growing municipality and as new facilities come online, GHG emissions increase. These buildings will be standing for decades to come, and if they are not constructed to high levels of energy performance, they will need to be retrofitted in the future at likely higher capital costs.

What is zero carbon?

A zero-carbon facility produces onsite, or procures, carbon-free renewable energy in an amount to offset the annual carbon emissions associated with operations.

Buildings can be designed to minimize the necessity of on-site emissions based on how the building is used and constructed. To reach zero carbon balance, renewable energy can be generated on site through technologies such as solar or geothermal to avoid emissions, or low carbon energy can be obtained off site through connection to district energy systems or the purchase of renewable energy credits (RECs).

Zero carbon buildings can also increase the resiliency of the buildings through reliable on-site back up power and better envelope construction for improved thermal stability.



DESCRIPTION

All new buildings are constructed to reach or exceed energy use intensity (EUI) targets and align with rigorous industry standards and local best practices, with the end goal achieving near-zero GHG emissions.

Reaching high performance EUI targets and near-zero GHG emissions targets in a building generally requires:

- Tight building envelope (walls, roofing, and windows) that eliminates leakages, thermal bridging, and heat loss to achieve lower thermal energy demand intensity (TEDI);
- Highly insulated walls and roofs;
- Strategic building orientation and window placement for passive heating and cooling;
- Energy recovery ventilation and automated ventilation controls;
- Highly efficient and low GHG emission heating system (ex. ground source heat pumps).

Energy use intensity (EUI) is a measure of all energy used in a building per unit of floor area per year. It is a good way to measure how well a building is performing from an overall energy perspective.

Thermal energy demand intensity (TEDI) is the annual heat loss from the building envelope and ventilation per unit of floor area per year. Achieving TEDI targets will lower the energy required for the building to be heated or cooled.

Activities

- | | |
|------------|--|
| 6.1 | New buildings will be constructed to a high performance and are constructed to zero carbon ready |
|------------|--|



ACTIONS

7. Generate Low Carbon Energy

Why this Matters

The generation of low carbon energy is essential for the Region to provide the continuous delivery of critical services to the community while achieving its climate change outcomes. The success of many CCMP Reduce Emission Actions are linked to generation of low carbon energy.

Description

There are a range of solutions that can allow the Region to **Transform** its energy supply through the use of low carbon energy generation sources, making a stronger business case for switching from fossil fuels. These solutions can harness the energy available in the environment or optimize the use of fossil fuel energy sources by capturing wasted energy

Electrification as a strategy to reduce GHG emissions

Fuel switching from fuels with a high carbon intensity such as gasoline and natural gas – which are used for transportation and heating – to low-carbon electricity is a major opportunity to reduce GHG emissions when balanced with operating costs.

Activities

7.1	Install solar PV panels and geexchange systems at existing assets at the time of retrofit
7.2	Install solar PV panels and geexchange systems on new assets at the time of construction
7.3	Prepare a strategy for the optimal use of the Region’s renewable natural gas production

What is renewable natural gas?

Renewable natural gas (RNG) is chemically identical to conventional natural gas, but is produced from biogenic sources, such as wastewater sludge, municipal solid waste, and farm wastes, and therefore has minimal GHG emissions.

RNG can be used as a way to transition from conventional natural gas. In the future, the Region can purchase RNG to offset all remaining gas use in its buildings.

ACTIONS

8. Enable Alignment of Regional Actions with Transition toward Diversified and Decentralized Energy Systems

Why this Matters

The source of energy powering buildings has a significant impact on total GHG emissions. By planning for clean, local electrical and thermal energy the Region can help transform the energy system to one that is low carbon and resilient. Consistent with the Ontario Growth Plan for the Greater Golden Horseshoes (2019) which directs municipalities to “Integrate climate change considerations into planning and managing growth such as moving towards environmentally sustainable communities by incorporating approaches to reduce greenhouse gas emissions.”

Description

A diversified and decentralized energy system can take many forms and should be customizable to best service the community that it is within. By doing this, a system can have a local energy supply that optimizes available sources (e.g. waste heat), lessens the dependency on importing energy and stimulates the local economy. The additional benefit of clean, local generation is fewer power losses and increased resiliency in the system due to limited energy transmission infrastructure exposure to extreme weather events.



There are many features that should be considered in the planning of a diversified decentralized energy system. Some of these features include;

District Energy Systems

District energy systems are a mature technology that use centralized heating plants, ideally from renewable sources, to heat or cool multiple buildings connected to a distribution network. .

Electrical Energy Storage

Electrical energy storage balances supply and demand by storing excess electricity supply from clear sources for periods when there is insufficient supply, avoiding more costly and higher emitting emissions.

Smart Grids

Smart grids are energy systems that are efficient, low-carbon, and respond automatically to energy system data to allow multiple components of the grid, including generation, storage, consumers, and appliances to communicate in real time, to optimize electricity supply and demand.

Smart grids can also contribute to climate resilience by detecting line faults or allowing for small portions of the grid to function using their own generation resources during an outage.

Activities

8.1	Engage relevant stakeholders across multiple sectors to discuss the future of energy use, movement and production at a regional-scale
8.2	Complete region-wide energy mapping exercise
8.3	Identify and address drivers, conditions, requirements, and current barriers for successful implementation of a future diversified and decentralized energy system
8.4	Advocate for supportive policies and programs for future diversified and decentralized energy system



ACTIONS

9. SUPPORT SUSTAINABLE TRANSPORTATION FOR COMMUTING

Why this Matters

Most trips made by Peel residents are done in vehicles. If travel habits remain unchanged and the population continues to grow, the Region would face untenable increases in traffic congestion, demands for road infrastructure, negative health impacts, and rising GHG emissions. By providing internal sustainable transportation leadership, the Region has the opportunity influence the behaviours of the community.

Description

The Sustainable Transportation Strategy envisions that 50% of peak trips will be made by sustainable transportation by 2040. This vision can be supported by the Region through the internal promotion and implementation of programs and initiatives promoting active transportation, ride sharing, electric vehicles, and remote working.

This is complimented by the Region’s continued support for urban densification in its Official Plan.

Experience and best practices gained through this action can help inform the broader roll out of community actions.

Activities

9.1	Apply the Sustainable Transportation Strategy to mode shifting
9.2	Implementation of remote working initiatives
9.3	Expand infrastructure to support low and zero-emission vehicle (ZEV) adoption



ACTIONS

10. Green the Fleet

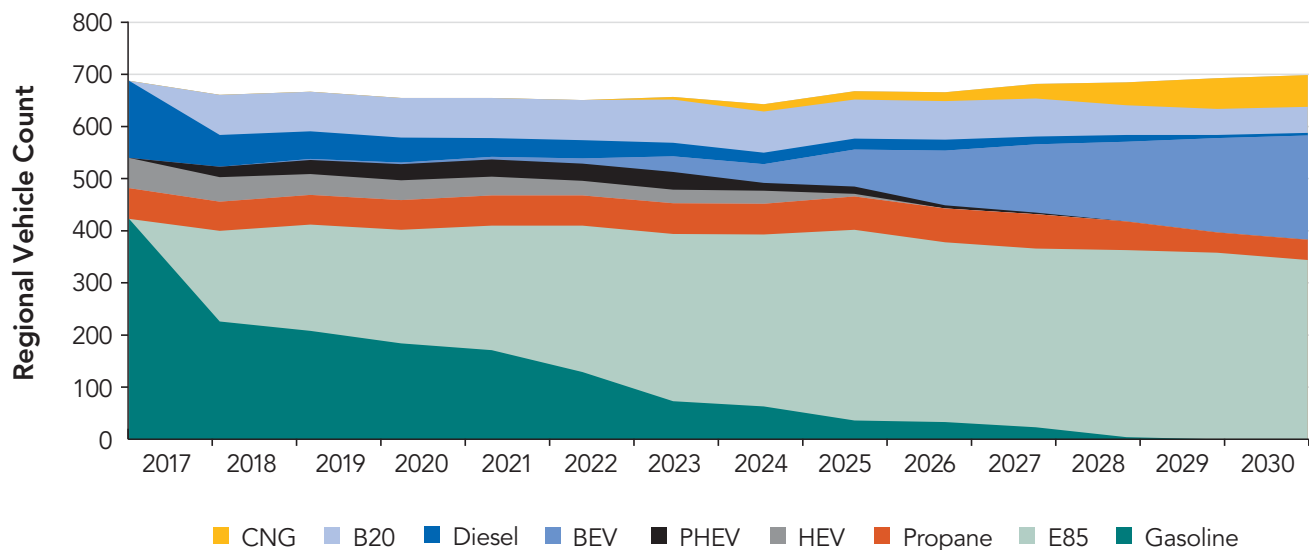
Why this Matters

The transportation sector is responsible for more than a third of Peel’s community GHG emissions. With nearly 1,500 Regional and Police fleet vehicles operating within the community, there is a highly visible opportunity to showcase climate change leadership via more sustainable vehicle choices.

Description

Through the continued implementation of the Green Fleet Strategy (GFS), Regional fleet vehicles will continue to reduce their GHG Emissions by increasing the use of ethanol and bio-diesel and transitioning to electric vehicles as technologies become available. The projected low-carbon transition of the Regional vehicle stock through the implementation of the GFS is displayed in Figure 3.3

Figure 3.3
Corporate Fleet Vehicle Counts by Fuel Type



Peel Regional Police have begun piloting hybrid vehicles, and are keen to explore technology transitions that can meet operational needs in the coming years.

Activities

10.1	Implement the Green Fleet Strategy
10.2	Pursue hybrids and electric vehicles, where feasible, within the Peel Region Police Fleet



ACTIONS

11. Maximize Energy Efficiency and Energy Recovery in Water and Wastewater Systems

Why this Matters

The treatment and transmission of water and wastewater consumes and produces significant amounts of energy. By maximizing the use of this energy within water and wastewater processes the Region can be well positioned to achieved substantial GHG reductions. This may also lead to possible financial savings for the Region and the broader community.

Description

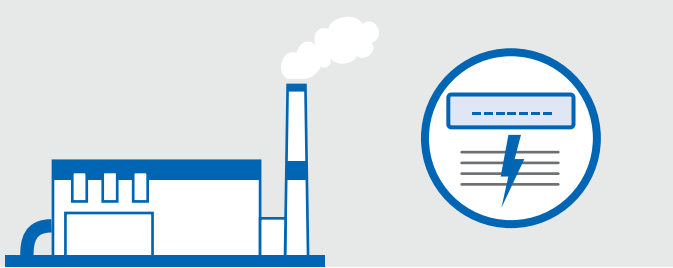
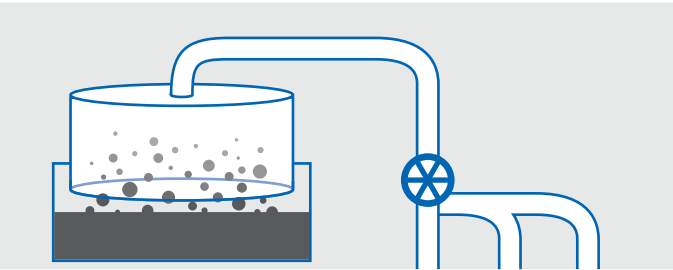

To support the achievement of the Reduce Emissions outcome, the Region will be assessing and implementing energy efficiencies within the water and wastewater system. The Region will also be implementing, where feasible, the recommendations of the Water Efficiency Strategy and the Wastewater Energy Security Strategy to optimize the supply and demand of energy within the system.



How is energy recovered from wastewater processes?

As water is removed from wastewater, it is transformed into a bio-rich sludge. At this stage, the sludge can be prepared and disposed of at landfills or used as nutrient-rich compost for fertilizing plants, incinerated and released into the atmosphere, or it can be used in energy recovery.

Sludge energy recovery methods

<p>Wastewater sludge is incinerated to run a steam turbine in a Combined Heat and Power (CHP) plant.</p>	
<p>Wastewater sludge is put in a digester, creating biogas, which can be combusted to create electricity and heat in a CHP plant.ⁱ</p>	
<p>Biogas created from sludge in the digester can be upgraded to renewable natural gas and used in vehicle fleets or injected into natural gas grids for use in heating.</p>	

ⁱ This process already occurs at Clarkson WWTP. Further analysis would be required to see if this process is feasible at GE Booth WWTP.

Activities

<p>11.1</p>	<p>Implement actions of the Wastewater Energy Security Strategy</p>
<p>11.2</p>	<p>Implement actions of the Water Efficiency Strategy</p>
<p>11.3</p>	<p>Further implementation of pumping optimization</p>

ⁱ Hast, A., Syri, S., Lekavicius, V., Galinis, A. (2018). District heating in cities as a part of low-carbon energy system. Energy, 152, 627–639, <https://doi.org/10.1016/j.energy.2018.03.156>.

ⁱⁱ Hirsch, A., Parag, Y., Guerror, J. (2018). Microgrids: A review of technologies, key drivers and outstanding issues. Renewable and Sustainable Energy Reviews, 90, 402–411.

CHAPTER FOUR

Be Prepared

Outcome: A safe, secure, and connected community is provided by ensuring Regional services and assets are more resilient to extreme weather events and future climate conditions.

Purpose of the Chapter

This chapter describes key climate change risks and impacts to regional services and assets. It provides ways the Region can **Lead** in response to increased natural disasters, understand and manage risks, and set forth a plan to **Transform** to a well-prepared resilient community.

Why this Matters

The Region of Peel has experienced several significant weather-related events over the last decade. Events have included a record breaking rainfall in July 2013 that resulted in widespread flooding; an ice storm in December 2013 that resulted in power outages and \$190 million in damages in the GTA - \$85 million in Peel Region alone; and a windstorm in May 2018 that caused \$380 million in damage across the Greater Toronto Area.

These events significantly affected people, infrastructure, natural systems, and the economy, resulting in health impacts, damage to property, disruption in critical infrastructure systems, business and service interruptions, and limited mobility and access to services.

Climate-related shocks and trends are projected to increase in Peel, including higher average temperatures, increased heat waves, and more intense precipitation events. In other words, in the future, these events will be more disruptive, more destructive and longer lasting.

At the same time Peel is growing. Peel is one of the fastest growing municipalities in Ontario and is expected to grow to 1,770,000 by 2031 ; an increase of 24% between 2016 and 2031.

This growth may increase pressure on Regional services and further stress infrastructure and natural systems, while driving demand for new assets, services, and resources. Planned urbanization will exacerbate the urban heat island effect and the risk of flooding as vegetated areas are converted to impervious surfaces. In recognition of risks posed by climate change to growing municipalities, the provincial government updated the Growth Plan for the Greater Golden Horseshoe (2019) directing that "Communities and infrastructure must be adapted to be more resilient."

1 Region of Peel. Populations Growth. Accessed at <https://www.peelregion.ca/strategicplan/20-year-outcomes/population-growth.asp>.

Climate Risks – the probability of climate change related events occurring multiplied by the consequence should they happen. Risks are determined by the degree to which people, property or places are vulnerable and exposed to climate related hazards.

Climate Impacts – the direct and indirect effects of climate change on lives, livelihoods, health and well-being, ecosystems and species, economic, social and cultural assets, services (including ecosystem services), and infrastructure.

Figure 4.1
Warmer, Wilder, Wetter Weather



Mississauga flood (2013)

GTA windstorm (2018)

Brampton ice storm (2013)

A More Resilient Region is a more Resilient Community for Life

The ability of the community to thrive is inextricably linked to the ability of the Region to provide its services. The Region will ensure its infrastructure assets, and the services they provide, are resilient to extreme weather events and future climate conditions. In so doing, the Region will be a backbone of resilience for the community in the face of climate change.

While the entire community of Peel will be impacted by climate change, not everyone will be impacted equally; vulnerable populations will be disproportionately affected. Socially isolated seniors, the very young, persons with pre-existing illnesses/poor health or disabilities, those with low income, homeless and under-housed and persons living in poor quality housing/living conditions all face increased risks from climate change due to their sensitivity and/or exposure to climate related hazards, and have greatest difficulty recovering.

Addressing underlying conditions that make people more vulnerable like increasing access to affordable housing, reducing poverty, increasing access to good jobs will be a critical to ensure everyone benefits from the resiliency building efforts.

ACTIONS

12. Better Prepare to Respond to, and Raise Awareness of, Increased Climate Change-Related Emergencies and Health Impacts

Why this Matters

The health and safety of the public in Peel is expected to be impacted by a range of climate hazards, including:

- increased temperature-related morbidity and mortality; particularly from extreme heat exacerbated by the urban heat island effect;
- poor air quality, and worsening respiratory and cardiovascular conditions;
- increased risk of injuries and mortality resulting from extreme weather;
- increased food and water contamination, leading to more illnesses;
- rising incidence rates of vector-borne illnesses as climates become more favourable to their survival;
- reduced psychological health, including mental health and stress-related illnesses;
- displacement of populations and crowding in emergency shelters;
- disruption to global food supply chains, increasing costs and exacerbating local food insecurity.

Description

To minimize climate change impacts to a growing vulnerable population, emergency and health responses in the Region will strengthen community partnerships with social service agencies and volunteer groups. For example: Partnerships to expand access to facilities with cooling capacity (during heat waves) to areas in need.

The Region of Peel will continue to develop and refine response plans for climate change events to ensure that emergency management and health services have the capacity and resources to respond to the human health impacts of future climate change. This process includes identifying gaps and/or changes that may be needed for resourcing, training, inter-agency and public communication, infrastructure, tools, and financing.

Enhanced investment in supportive services that help to reduce the underlying drivers of social vulnerability is also an important consideration.

The Human Side of Climate Change

Around the world increasing natural disasters, extreme weather events and failure of adequate climate change adaptation and mitigation is leading to mass displacement of populations^[1]. The Region of Peel is a favourable destination for those seeking temporary shelter or asylum due to the proximity of Pearson International Airport.

Case in point:

In July 2019, several significant forest fires in Northwestern Ontario impacted many First Nations communities with both heavy smoke and their proximity to individual communities. At the height of the event, fires that were four times the size of Brampton resulted in the evacuation of over 7,500 individuals from several communities.

The Region of Peel was requested to provide temporary shelter to approximately 150 families evacuated from Pikangikum First Nation since the capacity of host communities across Northern Ontario were nearing capacity.

Though the planned evacuation did not occur because the situation in the north improved, the Regional Emergency Operations Centre was activated with significant resources from regional, municipal and other stakeholder services being mobilized. Planning continued in the event that the weather changed and assistance was required.

[1] Global Risk Report (2019) http://www3.weforum.org/docs/WEF_Global_Risks_Report_2019.pdf

Activities

12.1	Convene a coalition of emergency social service and health agencies to identify gaps and needs to deliver services in the context of climate change, specifically during extreme events
12.2	Investigate and increase monitoring, through tools like local radar systems to support enhanced notification on climate-related hazards
12.3	Install or improve cooling solutions (passive and active) for buildings which are currently or are projected to be vulnerable to overheating
12.4	Ensure policies and procedures to protect outdoor workers consider climate change impacts

ACTIONS

13. Identify and Manage Risks to Infrastructure Assets

Why this Matters

The Region depends upon a complex network of urban infrastructure systems that are owned and operated by the Region and function to deliver continuous services. Climate change poses a potential risk to the long-term financial sustainability of the Region as it relates to its infrastructure. As climate events become more extreme and occur more frequently, damage and disruption to the Region’s infrastructure and services will likely increase, driving up costs to maintain a state of good repair (SoGR), and affect the delivery of services. Accordingly, new Ontario Regulation 588/17 (O. Reg 588/17) requires that climate change considerations be integrated into municipal asset management policy and practice.

Description

Each infrastructure asset category, and the service it delivers, will face varying levels of risk depending on their current condition, inherent sensitivities, location, operational needs, and service delivered. In compliance with O. Reg 588/17, the Region will improve its knowledge of climate change risks to infrastructure and apply evidence-based solution through updated standards and specifications.

While these actions seek to reduce climate risk for the Region, for many practical reasons, all risks cannot be eliminated; successful adaptation does not mean that negative impacts will not occur, only that they would be less severe than would be experienced had no adaptation occurred.

Activities

13.1	Assess infrastructure for risks associated with extreme weather events and future climate conditions, and integrate knowledge into asset management
13.2	Develop and enhance inspection procedures and protocols for high-risk infrastructure to minimize disruption to service
13.3	Develop a Climate Change Adaptation Management Tool for Transportation and Infrastructure Planning
13.4	Develop and implement climate resilience technical design and performance criteria for infrastructure and assets
13.5	Ensure Region's insurance policy provides coverage for increasing climate related risks

What does integrating climate into asset management look like?

Integrating climate into asset management means taking stock of the physical and financial impacts climate will have on the condition, performance, and longevity of assets and service delivery, and using this information to identify and prioritize needs for investment, both in the near and long term.

The Ontario Regulation 588/17: Asset Management Planning for Municipal Infrastructure, which applies to the Region, requires the Region to consider climate change in the development of its asset management policy and asset management plan, and will be supported by this approach.



ACTIONS

14. Protect And Increase Green Infrastructure Throughout Peel

Why this Matters

Urban areas are prone to experience heat island effect where surface and air temperatures increase due to urban development. Urban development also increases impervious surfaces and decreases vegetation which contributes to flooding risk in cities, since less rainwater is able to go into the ground. As the Region continues to urbanize, and as the climate continues to change, specifically with increases in average temperatures, heat waves, precipitation and extreme rainfall events, these effects will continue to intensify.

Green infrastructure – can be natural or human-made, can include parks, trees, shrubs, urban forests, green roofs and walls, gardens, bioswales, natural channels and watercourses, and constructed wetlands.

Green infrastructure reduces the risk of heat stress and flooding primarily by increasing infiltration and reducing runoff, increasing evaporative cooling, and providing shading and areas for reprieve. Reducing heat and flood risk through the expansion of green infrastructure can benefit a range of services. While intended to primarily address heat stress and flooding in the context of climate change, green infrastructure provides an array of social, environmental, and economic benefits.

Description

Protecting and increasing green infrastructure calls on the Region to **Lead** by example, expanding green infrastructure across Regional assets and properties with the intent to **Influence** similar action within the Peel community. This will require the Region to protect and significantly expand green infrastructure by;

- Inventorying and maintaining green infrastructure assets;
- Expand green infrastructure across Regional Road networks; and
- Implementing green infrastructure on Regional properties focusing on flood and heat vulnerable areas

This work will be completed in alignment with area municipalities and conservation authorities to accelerate efforts and avoid duplication of efforts for the greatest **Influence** within the community.

Activities

14.1	Develop a region-wide green infrastructure services in collaboration with the local municipalities and conservation authorities with focus at facility level implementation
14.2	Develop and implement a Green Infrastructure Asset Management Plan to support the preservation and expansion of green infrastructure
14.3	Implement tree planting and management program for new and existing trees
14.4	Implement green infrastructure elements of future Storm Servicing Master Plan for Regional Road Infrastructure
14.5	Create Green Infrastructure Guidance document to achieve improved water storage and retention for all regional sites
14.6	Require buildings undergoing applicable state of good repair work to consider green infrastructure opportunities



ACTIONS

15. Enhance Standards, Guidelines, and Planning Activities that Pursue Resilient Urban Design and Development

Why this Matters

When communities are planned and built for climate conditions that no longer exist, it increases vulnerability and risk to both current and future residents and businesses and may lead to investments that are financially unsustainable.

Description

As the Region grows, it will be necessary to understand and continue to account for official plans, change risk information and infrastructure related decision-making processes to reduce the community’s vulnerability to climate related hazards.

Planning tools (such as standards, guidelines, development permits, planning data, and risk mapping) are among the most effective processes to facilitate local climate resilience, in collaboration with local municipalities and conservation authorities, and can be used to reduce climate risks through:

- limiting or increasing planning standards for development in hazard-prone or high-risk areas;
- ensuring that new infrastructure is planned and built to withstand a range of climate hazards,
- educating stakeholders and decision-makers about risks and opportunities; and,
- fostering dialogue about climate resilience.

Activities

15.1	Have climate change related Official Plan Policy adopted and monitor implementation for continuous improvement
15.2	Develop and/or enhance tools and guidelines that support the integration of climate risks into infrastructure planning such as Climate Change Adaptation Management Tool for Infrastructure Planning
15.3	Map and maintain up-to-date data on hazards, vulnerabilities, and risks
15.4	Monitor and track relevant new or amended policies, plans, standards and guidelines for opportunities to incorporate climate change resiliency considerations
15.5	In partnership with local conservation authorities and municipalities, align guidelines, standards and tools to further support community flood and heat resiliency planning
15.6	Require buildings undergoing applicable state of good repair work to consider green infrastructure opportunities

i Region of Peel. Report on Health Vulnerability to Climate Change: Assessing Exposure, Sensitivity, and Adaptive Capacity in the Region of Peel.
ii Region of Peel – Public Health. (2019) The Changing Landscape of Health in Peel. A Comprehensive Health Status Report.

CHAPTER FIVE

Invest

Outcome: Innovative and sustainable approaches are used to finance action on climate change.

Purpose of the Chapter

The estimated cost of the CCMP is in the range of \$300–400 million with an estimated \$85 million in cumulative saving during the life of the CCMP, with additional savings to be incurred in the following decade and beyond. These are primarily incremental costs for the implementation of actions that reduce greenhouse gas emissions, in addition to work that will allow for improved planning in preparation of the effects of climate change. This chapter explores the investments for implementing these actions and their alignment with the Region’s financial principles.

Why this Matters

Climate science indicates that action is required to mitigate and adapt to climate change now. These actions require significant investments, and many will generate returns as assessed with a strict financial analysis. Irrespective of their financial merit, these investments are critical to the future well-being of the Region and community.

Investment Approach

The Region’s track record of prudent, forward-looking fiscal and budgetary policies has resulted in an enviable fiscal position, but climate change is a threat to this stability. Climate change represents a risk to the services provided by the Region and will drive up costs, likely impacting tax and utility rates.

Consideration of climate change in investments is increasingly viewed as an aspect of fiduciary responsibility. By decreasing GHG emissions and preparing for climate change impacts, the Region is reducing risks of fluctuations in tax and utility rates due to disruptive impacts. The CCMP will help the Region plan for, manage, and/or reduce impacts and future costs in order to appropriately maintain programs and services, ensuring that the Region is a desirable place to live and work.

The Long-Term Financial Planning Strategy describes nine principles and a consistent lens which will help guide the Region’s investments in climate change.

2 Note that this analysis excludes program delivery costs and staff time, which have been evaluated separately.

Table 5.1
Climate Change Lens applied to Region of Peel’s financial principles








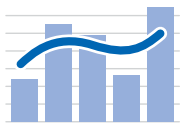

	Financial Principles	Climate Change Lens
<p>1</p> 	<p>Respect the tax and utility rate payer – the Region of Peel will strive to achieve reasonable and responsible tax and utility rates and ensure Regional Council’s highest-priority programs (both capital and operating) are maintained.</p>	<p>Climate change represents a risk to the services provided by the Region and will drive up costs, impacting tax and utility rates. The CCMP will manage and/or reduces impacts and future costs in order to maintain programs and services.</p>
<p>2</p> 	<p>Ensure the Capital Plan is sustainable – where reserves and reserve funds should be funded to the levels required for their purposes, capital expenditures are reviewed in the context of affordability, and the operating impact of capital is sustainable and affordable.</p>	<p>Actions in the CCMP will contribute to identifying what levels of funding are required to ensure reserves and reserve funds are adequate to reduce GHG emissions and prepare for climate change impacts.</p>
<p>3</p> 	<p>Maintain assets - when it can be demonstrated that the replacement cost and subsequent maintenance costs are less expensive than maintaining the existing asset in a state of good repair over the same period of time.</p>	<p>Low-carbon actions are tied to end-of-life replacements resulting in incremental costs as opposed to new costs. Lifecycle costing is used to evaluate the overall cost or benefit to the Region.</p>
<p>4</p> 	<p>Deliver value for money - seek efficiency and quality improvements in the way it manages and delivers services, and pursue innovative approaches to financing services, like the use of public-private partnerships (P3s) and shared services.</p>	<p>The majority of reduced GHG emissions actions show positive returns over the project’s life with even greater value when considering co-benefits. Funding challenges are significant and both existing and innovative approaches will be required.</p>

Table 5.1 continued

	Financial Principles	Climate Change Lens
<p>5</p> 	<p>Respect the tax and utility rate payer – the Region of Peel will strive to achieve reasonable and responsible tax and utility rates and ensure Regional Council’s highest-priority programs (both capital and operating) are maintained.</p>	<p>Climate change represents a risk to the services provided by the Region and will drive up costs, impacting tax and utility rates. The CCMP will manage and/or reduce impacts and future costs in order to maintain programs and services.</p>
<p>6</p> 	<p>Work with local municipalities to support economic viability of the community – ensure the Region of Peel continues to be a desirable area to live, work, and play.</p>	<p>The provision of resilient services and infrastructure is critical to ensuring that the Region is a desirable place to live and work.</p>
<p>7</p> 	<p>Make prudent investments – do not compromise the safety of principal and maintenance of liquidity in order to maximize investment returns.</p>	<p>Consideration of climate change in investments is increasingly viewed as prudent, and even as an aspect of fiduciary responsibility.</p>
<p>8</p> 	<p>Mitigate significant fluctuations in tax and utility rates – use working funds to implement techniques to smooth and maintain the tax and utility rates.</p>	<p>By preparing for climate impacts the Region is reducing risks of fluctuations in tax and utility rates due to disruptive impacts.</p>
<p>9</p> 	<p>Borrow only for substantial long-term assets at affordable levels – ensuring actions do not negatively affect the credit rating.</p>	<p>Adequately addressing climate risk in the Region will help maintain a strong credit rating.</p>

The CCMP Investment

The total capital investment, largely to complete the GHG emissions reductions actions and activities of the CCMP, is estimated to be in the range of \$300–400 million. These are incremental in costs, in addition to budgeted ‘business as planned’ initiatives.

The return on impact of the CCMP is anticipated to be great with opportunities for reduced and avoided costs from operational efficiencies and mitigated weather-related damages. While the focus of this plan is 2020–2030, it’s anticipated that the most significant benefits will be realized post-2030. As actions in the CCMP are completed, additional costs are expected to be identified, for example, the cost of increasing infrastructure resilience to extreme weather.



ACTIONS

16. Complete a Climate Change Financing Strategy

Why this Matters

The capital investment necessary for the meaningful and sustained actions called for within the CCMP is a critical component of its success. It is important that the funding of the work takes a balanced approach that aligns with the Region’s Long-Term Financial Plan and is progressive in its fiscal evaluation of climate change action. This is an approach that is mindful of both the taxpayer today and the taxpayer of the future.

Description

The Climate Change Financing Strategy will provide the framework for how the actions of the CCMP will be funded. The strategy will position the CCMP funding needs into a ten-year capital plan that will look to mitigate impacts to the tax base and utility rate through pursuit and advocacy for external funding. The Strategy will also account for climate change by further integrating its full cost into asset management and growth planning exercises.

Activities

16.1	Convene internal stakeholders and industry experts to explore the range and potential for innovative climate change funding/financing tools
16.2	Incorporate the results of the risk and vulnerability analysis (Activity 13.1) for asset management to fully inform long term capital planning
16.3	Identify and assess public and private sources of capital to fund CCMP actions

2 Note that this analysis excludes program delivery costs and staff time, which have been evaluated separately.

CHAPTER SIX

Monitor and Report

Outcome: Progress on addressing Regionally funded climate change work is consistently reported, available, and widely understood.

Purpose of the Chapter

The actions of the Monitor and Report chapter are in alignment with the Region's existing reporting streams. Through transparency and learning, monitoring and reporting will help enable success of the CCMP.

Why this Matters

Monitoring and reporting plays an important role in promoting society's rapidly evolving understanding and engagement on climate change. By reporting on climate change actions and outcomes, transparency is promoted internally and externally. This builds accountability, trust, and civic engagement, which are important to Influence climate action within the community. Reporting and monitoring also enables the Region to Lead by building knowledge on the initiatives with the greatest impact and awareness of those initiatives where the Region should pivot and adapt.



ACTIONS

17. Report Annually on Climate Change Master Plan Implementation

Why this Matters

There is a finite amount of time to implement the actions necessary to respond to the impact of climate change. Annual progress reporting is one way to ensure that actions are being pursued efficiently and effectively.

Description

Provide status to senior leadership on the progress of the implementation of the Climate Change Master Plan. The information shared through this exercise can be used to inform service delivery, inform budget priorities and long-term capital planning.

Activities

17.1	Develop key performance indicators that will measure the outputs of the CCMP implementation progress
17.2	Prepare annual report to share progress of the CCMP implementation



ACTIONS

18. Develop a Corporate Climate Change Resiliency Performance Report

Why this Matters

Resiliency is a critical factor for how prepared a municipality is to respond to climate change. Clear, measurable criteria are necessary to ensure that appropriate actions are being pursued and that they are achieving the desired GHG reduction targets and resiliency results.

Description

The Region has developed a Climate Change Resiliency Scorecard to guide the Corporate Climate Change Resiliency Performance Report. The scorecard has been informed by global practices of leading resilient communities. It is a metric for corporate level service, reported annually and will be included in the Community for Life Dashboard.

Through the Corporate Climate Change Resiliency Performance Report the actions of the CCMP will be measured against the following climate resiliency criteria;

Commitment, capacity and partnerships expanded	Public support and disaster preparedness increased
Human health protected	Climate risks and GHGs understood and plan in place to address them
Climate related risks and GHGs reduced	Land use policy adopted to reduce GHGs and community vulnerability
Natural and green infrastructure protected and enhanced	Investments made and financial risks and opportunities disclosed

Activities

18.1	Create key performance indicators to measure performance against climate resiliency scorecard
18.2	Apply a standard approach to measuring and verifying the performance of initiatives to inform decision making
18.3	Track the Region's greenhouse gas emissions inventory against targeted reductions
18.4	Prepare an annual council report to accompany the Community for Life reporting

ACTIONS

19. Develop An Annual Climate-Related Financial Disclosure Report

Why this Matters

The Task-force for Climate-related Financial Disclosure (TCFD) framework constitutes a comprehensive approach for reporting on all the dimensions of the CCMP and enhancing climate change disclosure. Robust disclosure plays a critical role in helping governments understand the risk and opportunities that climate change poses and enables them to incorporate climate considerations into decision making and future investments.

Description

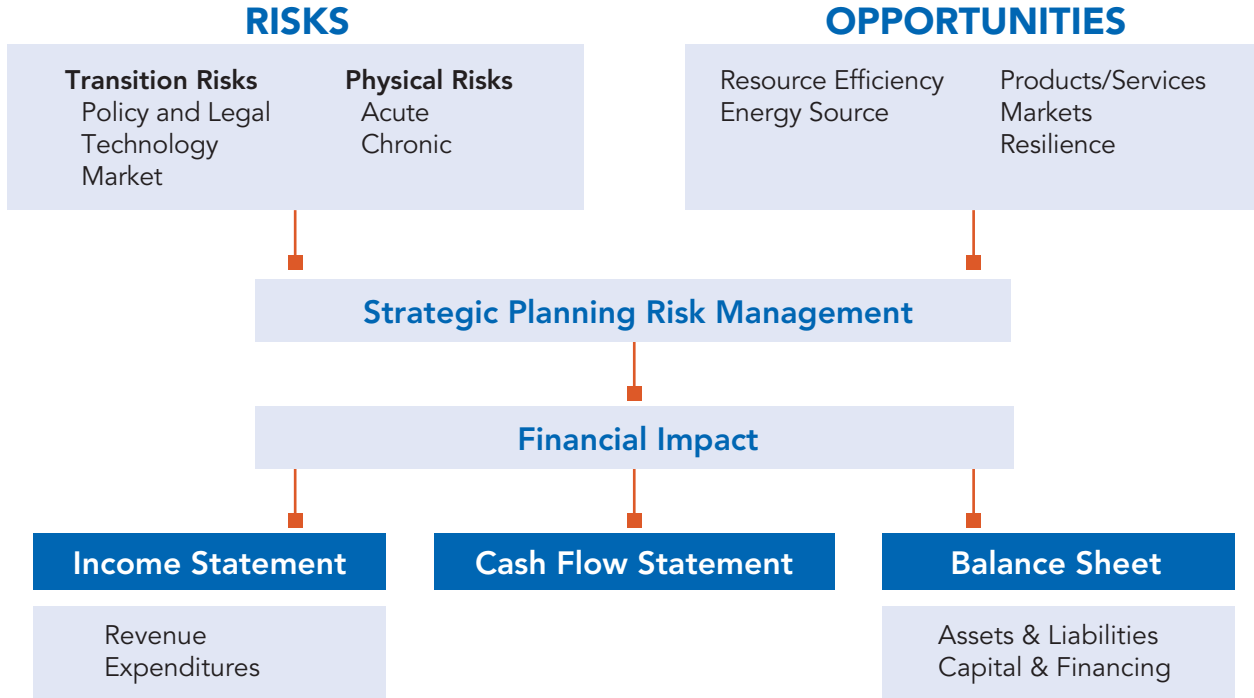
The TCFD divides the reporting structure into risks and opportunities and is an appropriate framework for the primary reporting mechanism on the implementation of the CCMP (see figure 6.1).

As a public-facing document, this report will also provide an opportunity to share best practices, highlight initiatives or projects, and describe co-benefits of the Region’s activities. This will include investment made through the conservation authorities that are in alignment with the Region’s climate change outcomes.

Activities

19.1	Compile all relevant data for the completion of the Climate-Related Financial Disclosure Framework
19.2	Complete the Climate-Related Financial Disclosure Framework
19.3	Prepare annual council report on the outcomes of Climate-Related Financial Disclosure Framework

Figure 6.1
Task Force for Climate-disclosure Reporting Framework



ACTIONS

20. Complete Periodic Science Reviews

Why this Matters

Climate change science and best practices will be reviewed on an ongoing basis and the findings will be incorporated into the annual work plan and priorities as required. Every five years, working with a university or research organization, a formal science review will be conducted to collate the above and to establish new findings and information on global, regional, and city-specific climate change and/or new adaptation techniques.

Description

The science review will incorporate the following:

- Identify the latest studies on the impacts of climate change on the broader region;
- Assess the findings of those studies;
- Identify any new projections for climate change in the region from the climate models;
- Identify any new impacts of climate change on the region; and,
- Identify any new guidance or insights on strategies or actions to respond to the impacts of climate change.

The CCMP will be systematically reviewed every five years, in order to evaluate the objectives, actions, and activities, and how they are responding to emerging science and the impacts of climate change.

Activities

20.1	Complete a review of climate science and its implications for the Region of Peel
20.2	Findings of the periodic science review will be communicated and disseminated widely



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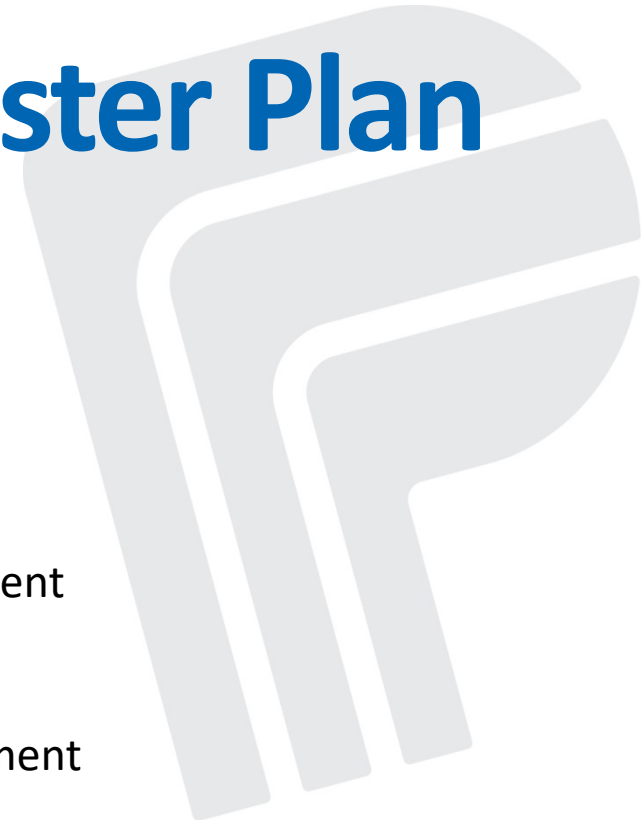
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Climate Change **Master Plan**

LEAD **INFLUENCE** TRANSFORM

Christine Tu,
Director, Office of Climate Change and Energy Management

Jeremy Schembri,
Manager, Office of Climate Change and Energy Management
Corporate Services





Toronto



7.4-76

Mississauga



Brampton



Autumn Peltier, Indigenous Water Activist



LEAD

INFLUENCE

TRANSFORM

Climate Change Master Plan **Outcomes (2020-2030)**

1.Reduce GHG Emissions

2.Be Prepared

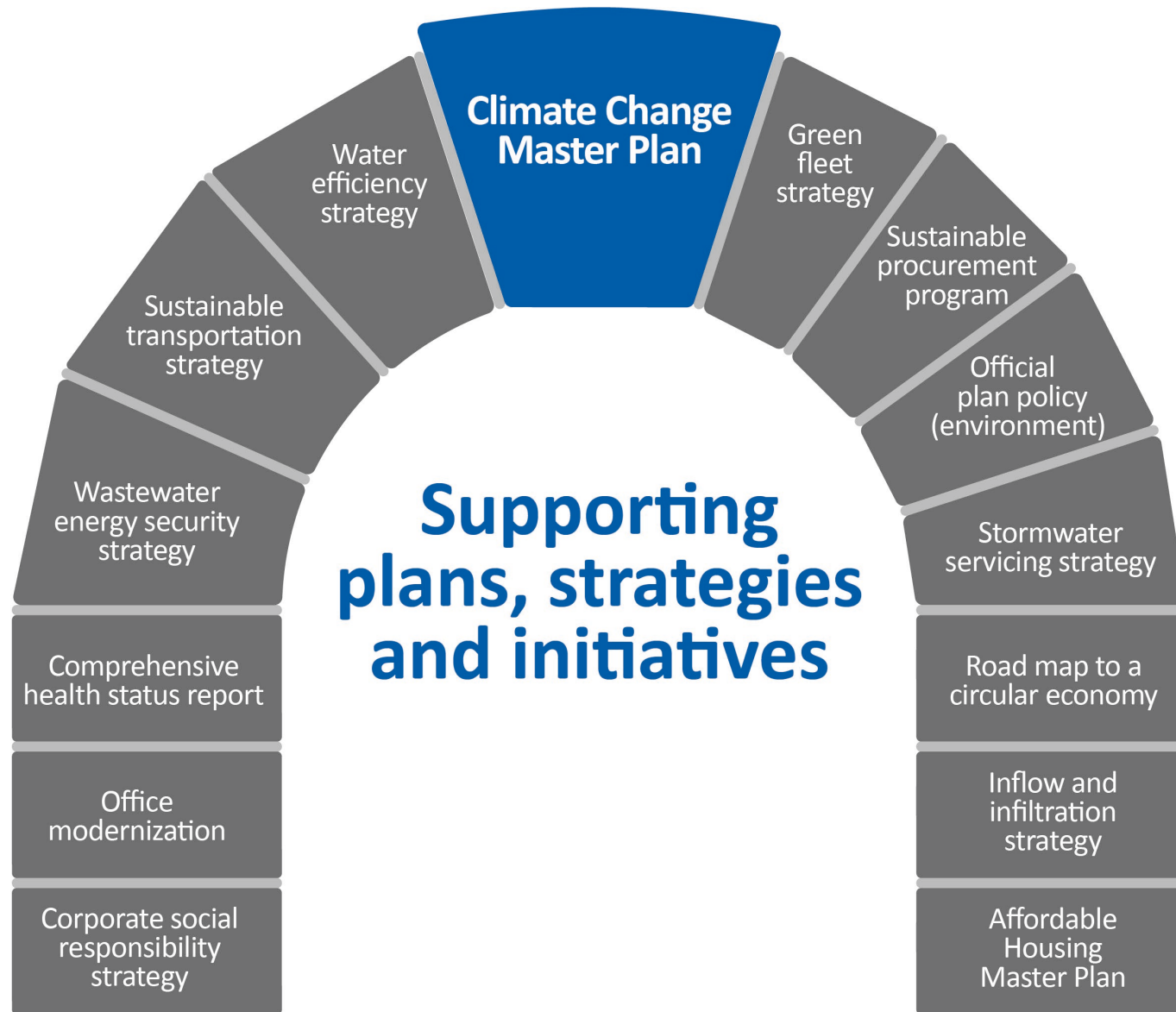
3.Build Capacity

4.Invest

5.Monitor and Report



Coordinated and Comprehensive Impact



Connections and Opportunity



Reduced operating and avoided future costs



Long term financial sustainability



Improved public health outcomes



Business continuity and energy security

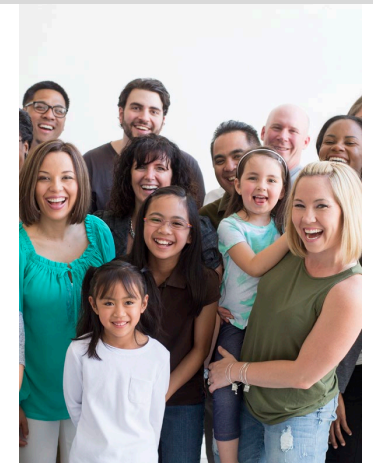


Improved affordability

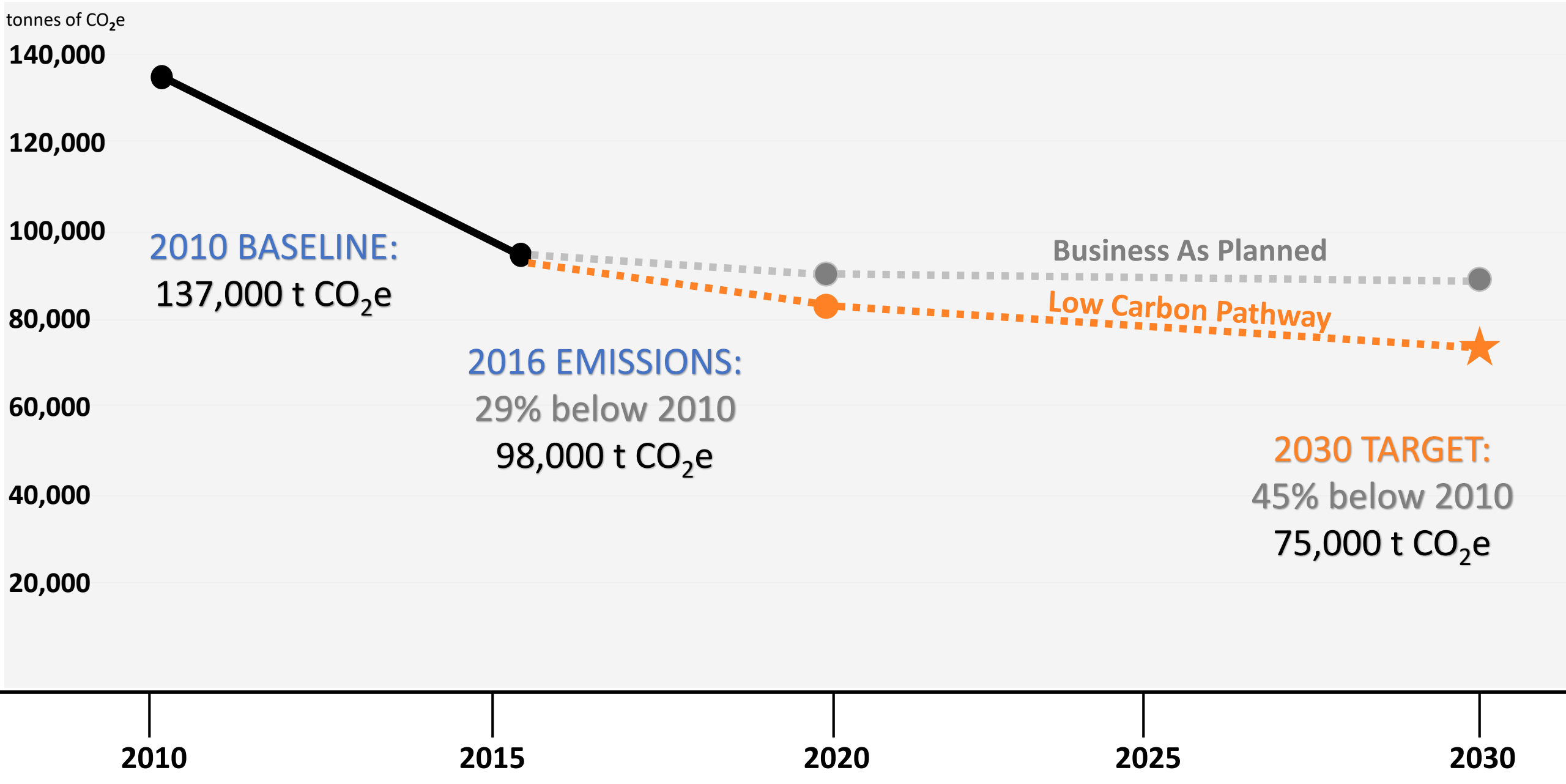


Climate and social equity

Climate Change Master Plan



The Pathway to the 2030 Target



The Scorecard for a Low Carbon and Resilient Future



Commitment, capacity and partnerships expanded



Climate related risks and GHGs reduced



Public support and disaster preparedness increased



Land use policy adopted to reduce GHGs and community vulnerability



Human health protected



Natural and green infrastructure protected and enhanced

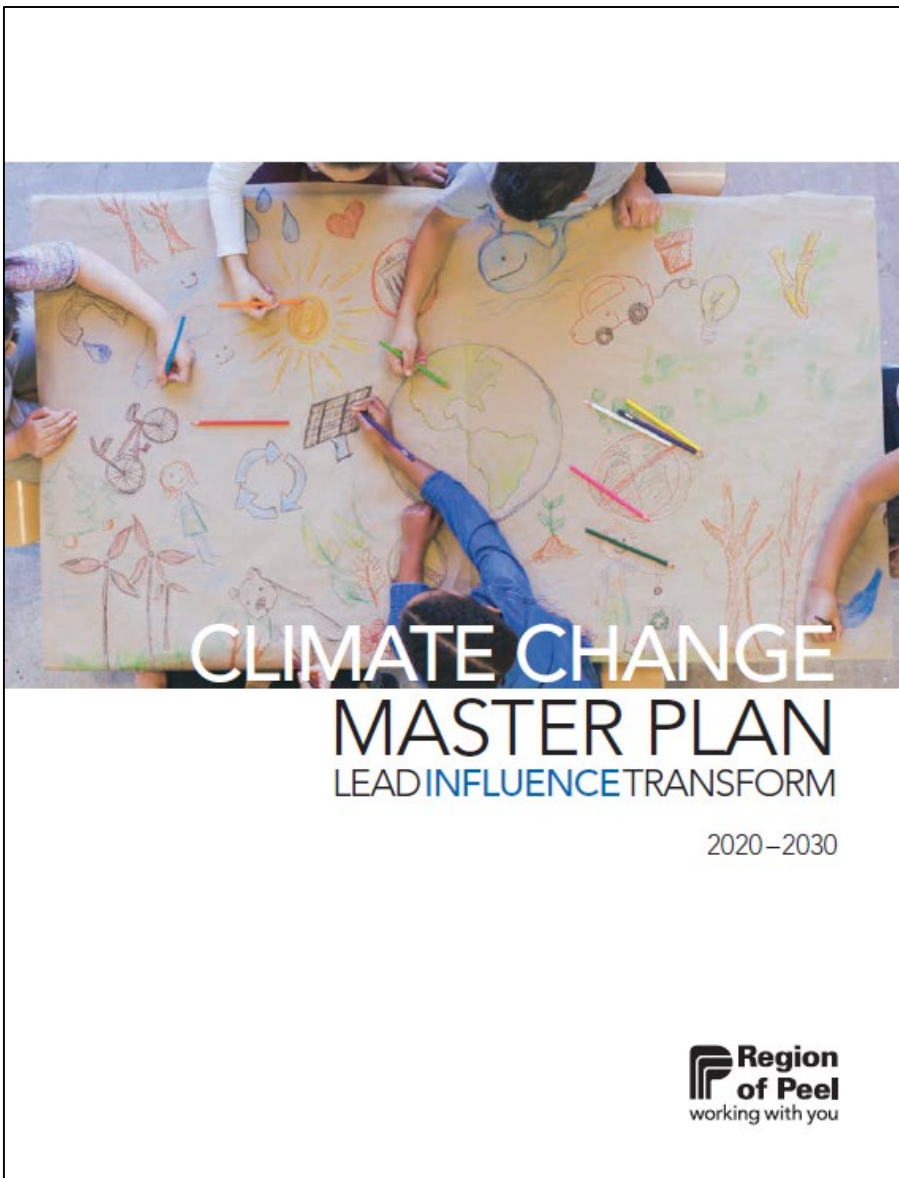



Climate risks and GHGs understood and plan in place to address them





Investments made and financial risks and opportunities disclosed

Climate Change Master Plan Overview



 Timeline 2020-2030

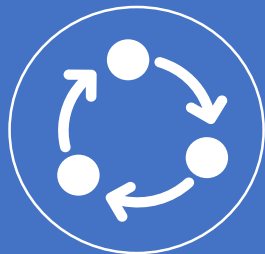
 GHGs 45% below 2010 by 2030
More prepared for extreme weather

 20 Actions and 66 Activities

 \$300-\$400 million estimated incremental costs

\$85 million estimated cumulative operational savings

Leading by Example through Accelerated Actions



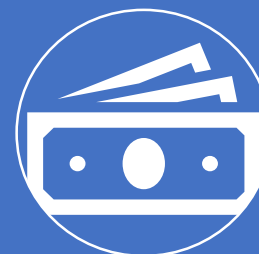
Assess and
Integrate
Climate Change
Risks into Asset
Management
Planning



Update Service
Level
Operational
Plans



Complete the
Climate Change
Engagement
Strategy



Complete the
Climate Change
Financing
Strategy



Implement five
'Pacesetter
Projects'

Phase 1: Project Highlights

Pacesetter Projects: A Strong Start to Accelerate Action



Five 'Pacesetter' Projects

- ✓ Retrofitting to Near Net-Zero
- ✓ Net-Zero New Construction
- ✓ Green Infrastructure

Full Scale Implementation



LEAD

INFLUENCE

TRANSFORM



Accelerating Collective Impact



LEAD

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Recommendations

- That the Climate Change Master Plan be approved;
- That the Plan be shared widely; and
- That advocacy to other levels of government on climate change continue and include opportunities to achieve the Plan outcomes.

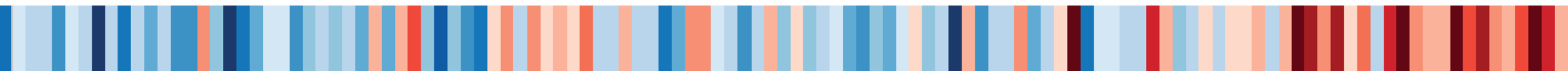
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"It is fundamental for us to realize that we all share Earth and the environment is connected to us through different ways.... When governments and citizens come together to protect the future livelihood of humans and wildlife, is when we can make a difference and create a sustainable future"

-Climate ChangeHers

(Peel student-led advocacy group)



For Information

DATE: October 8, 2019

REPORT TITLE: **CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE**

FROM: Catherine Matheson, Commissioner of Corporate Services

OBJECTIVE

To provide an update on performance related to the Region's Corporate Social Responsibility Strategy for the period of June 2018 to May 2019.

REPORT HIGHLIGHTS

- On June 22, 2017, Regional Council endorsed the Region's Corporate Social Responsibility Strategy.
- The long-term outcome of the strategy is to ensure that the Region's operating practices achieve social, economic and environmental benefits for the Peel community.
- To ensure accountability for achieving Corporate Social Responsibility (CSR) outcomes, the operational CSR Guidelines and Decision-Making Checklist will be applied to business and policy decisions.
- Implementation of the strategy ensures the ability to better anticipate and manage operational social, financial and environmental risks with greater insight and effectiveness.
- After two years of strategy implementation, there is substantial progress on outcomes. Among the numerous accomplishments are: waste reduction at facilities, increased storm water management, improvements to the procurement bidding process, increased employer social responsibility, and increased employee social conscience.
- Research, monitoring and reporting will continue to inform future strategy directions.

DISCUSSION
1. Background

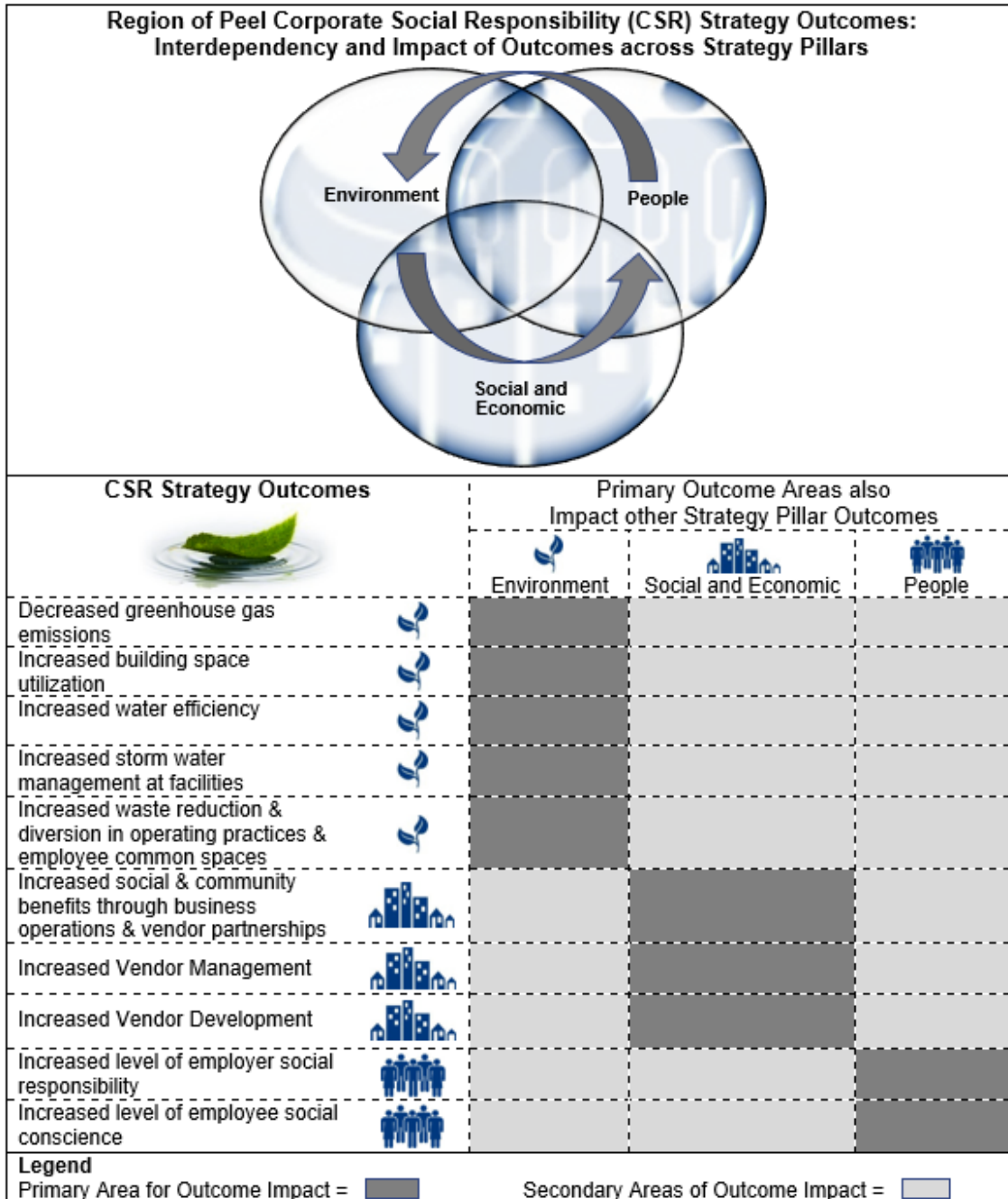
Corporate Social Responsibility (CSR) is defined as the voluntary activities undertaken by an organization to operate in an environmentally, economically and socially sustainable manner (Government of Canada, Global Affairs Canada). On June 22, 2017, Regional Council endorsed the Region's CSR Strategy (strategy) under Resolution 2017-533. This strategy supports the Leading aspect of the Region's Strategic Plan to build a community for life. The scope statement for the Region's CSR function is: improving the environmental, economic and social well-being of the community through operating practices. The strategy framework is provided in Appendix I. Strategy implementation ensures the Region achieves the following three outcomes:

7.5-2

CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE

- **Environment:** The environmental footprint will be minimized through business operating practices;
- **Social and Economic:** Procurement practices will result in increased social and economic benefits for the Peel community; and
- **People:** The Region will improve as a model employer through business and operating practices.

The above three CSR strategy outcome pillars are interdependent. For each of the CSR strategy outcomes listed in the table below, areas of primary and secondary impact are shaded under the three strategy pillars of environment, social & economic, and people.



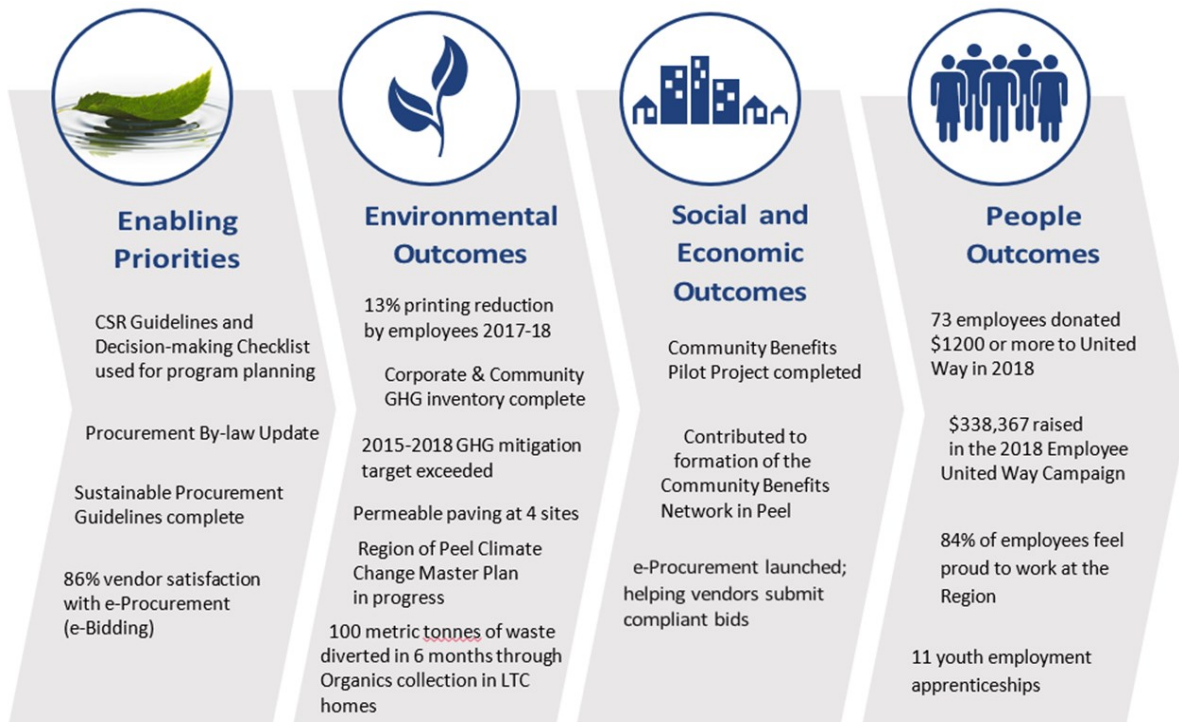
CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE

2. Corporate Social Responsibility Progress at the Region of Peel

The high-level, five-year strategy implementation plan is outlined in Appendix II. Many strategy accomplishments were achieved in the past year, with many others under development. Accomplishments are highlighted in the diagram and text below. All accomplishments are detailed in Appendix III.

Progress on CSR Outcomes

Corporate Social Responsibility (CSR) at the Region of Peel: Improving the environmental, social and economic well-being of the Peel community.



Legend: GHG=Greenhouse Gas Emissions; LTC=Long Term Care

a) Enabling Priorities for CSR Strategy Implementation

Examples of year two achievements include:

- Operational CSR Guidelines and a Decision-Making Checklist developed in 2018 support staff in using a CSR mindset;
- The 2018 Council enacted Procurement By-law is enabling CSR progress;
- The March 2018 eProcurement (e-Bidding) initiative is reducing the community's and Region's carbon footprint as well as overall costs to the Region; and
- Operational Sustainable Procurement Guidelines developed in 2019 will support strategy objectives and outcomes, as stated in the report titled, "Sustainable Procurement Program", included on the Regional Council agenda dated October 24, 2019.

b) Environmental Priorities

Current climate trends such as increased mean temperatures, increases in total precipitation and milder winters have the potential to affect human health. Some

CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE

examples of health impacts include increasing temperature-related illness and deaths, worsening respiratory and cardiovascular conditions due to poor air quality, associated mental health concerns, and higher risk of injuries due to extreme weather events. Adaptations are required to adequately address the impacts of climate change.

i) **Increased Waste Reduction and Diversion**

In 2018, the introduction of organic waste collection including incontinence products at Peel's five Long Term Care centres saw 100 metric tonnes of waste diverted in less than six months. In addition, textile collection bins were installed at the Region's administrative office buildings in partnership with the Diabetes Association. In the first six months, 3.3 metric tonnes of textiles were collected at the office locations.

ii) **Corporate Green House Gas (GHG) Emissions**

Highlights of year two updates include:

- The 2015-2018 Term of Council GHG mitigation target (10 per cent below 1990 levels) was surpassed at 16 per cent below 1990 levels, by leveraging a cleaner electricity grid;
- The Corporate and Community Greenhouse Gas Emission Inventories were completed;
- Ongoing implementation of the Region's Green Fleet Strategy will make possible the acceleration of emissions reductions toward the Region's interim GHG reduction target of 45 per cent below 2010 levels by 2030; and
- The Corporate Climate Change Master Plan is complete. Council approval of the plan is sought through the report titled, "Climate Change Master Plan Report", included on the Regional Council agenda dated October 24, 2019.

iii) **Maximize Building Space Utilization**

Modernizing the workplace and supporting new space standards has commenced. This allows the Region to accommodate future growth in staff numbers while minimizing the administrative environmental footprint and GHG emissions.

iv) **Increased Storm Water Management at Facilities**

In the 2018/2019 year, several low impact development (LID) projects took place on four Peel sites. Rainwater harvesting was implemented at Paramedic and Transhelp facilities. LID was included in arterial road design and construction for five completed projects as well as 38 projects in various phases of implementation. The Region's Corporate Green Infrastructure Opportunity Assessment Report is in progress. It focuses on practices to treat storm water as close as possible to the source.

c) **Social and Economic Outcomes**

i) **Increased Social and Community Benefits through Business Operations and Vendor Partnerships**

Staff members participate in the Peel Community Benefits Network (PCBN). PCBN is working with Metrolinx, the Cities of Mississauga and Brampton and the community to ensure the Hurontario Light Rail Transit (LRT) project will be completed with the greatest benefit possible for the community.

ii) **Increased Vendor Development**

Initiatives to develop vendors include simplifying the bidding process and improving access to the bidding process. Results of a 2018 satisfaction survey of vendors

CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE

registered with the e-Procurement (e-bidding) platform indicate the new technology and processes are effective, both in terms of ease of bidding opportunities and in reducing vendor costs.

d) People Outcomes**i) Increased Employer Social Responsibility**

A 2018 employee survey measuring employee perception of the Region as a socially responsible employer showed an increase over 2016 survey results. 84 per cent of responses indicated employees feel proud to work for the Region. Diversity and Inclusion initiatives are underway, including strategy development, formation of the Diversity, Equity and Anti-Racism Committee of Regional Council, and staff work on intercultural competence to ensure successful advancement of diversity and inclusion work at the Region. Additional actions are noted in Appendix III, item 9.1.

ii) Increased Employee Social Conscience

A clear demonstration of employee social conscience is evident in the success of the 2018 employee United Way Campaign which exceeded the fundraising goal, raising \$338,367 to support the Peel community.

3. Next Steps in Advancing CSR Strategy Implementation and Accountability

To ensure accountability for achieving CSR outcomes, annual performance objectives for Commissioners and Directors now include, where appropriate, responsibility for CSR strategy outcomes. In addition, the operational CSR Guidelines and Decision-Making Checklist will be applied to business and policy decisions. Doing so will ensure a value-based environmental, social and economic lens is applied for decision-making about business operations, in keeping with the Region's strategic objectives including sustainability, financial responsibility and return on investment. Comprehensive implementation of the Sustainable Procurement guidelines will help advance CSR outcomes, as stated in the report titled, "Sustainable Procurement Program."

RISK CONSIDERATIONS

Implementation of the strategy ensures the ability to better anticipate and manage operational social, financial and environmental risks with greater insight and effectiveness.

CONCLUSION

Corporate Social Responsibility is beneficial to the well-being and sustainability of the Peel community. At the end of year two of strategy implementation, substantial progress on outcomes has been achieved. Research, monitoring and reporting will continue to inform future strategy directions. Staff will continue to report to Council annually on strategy progress.



Catherine Matheson, Commissioner of Corporate Services

CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

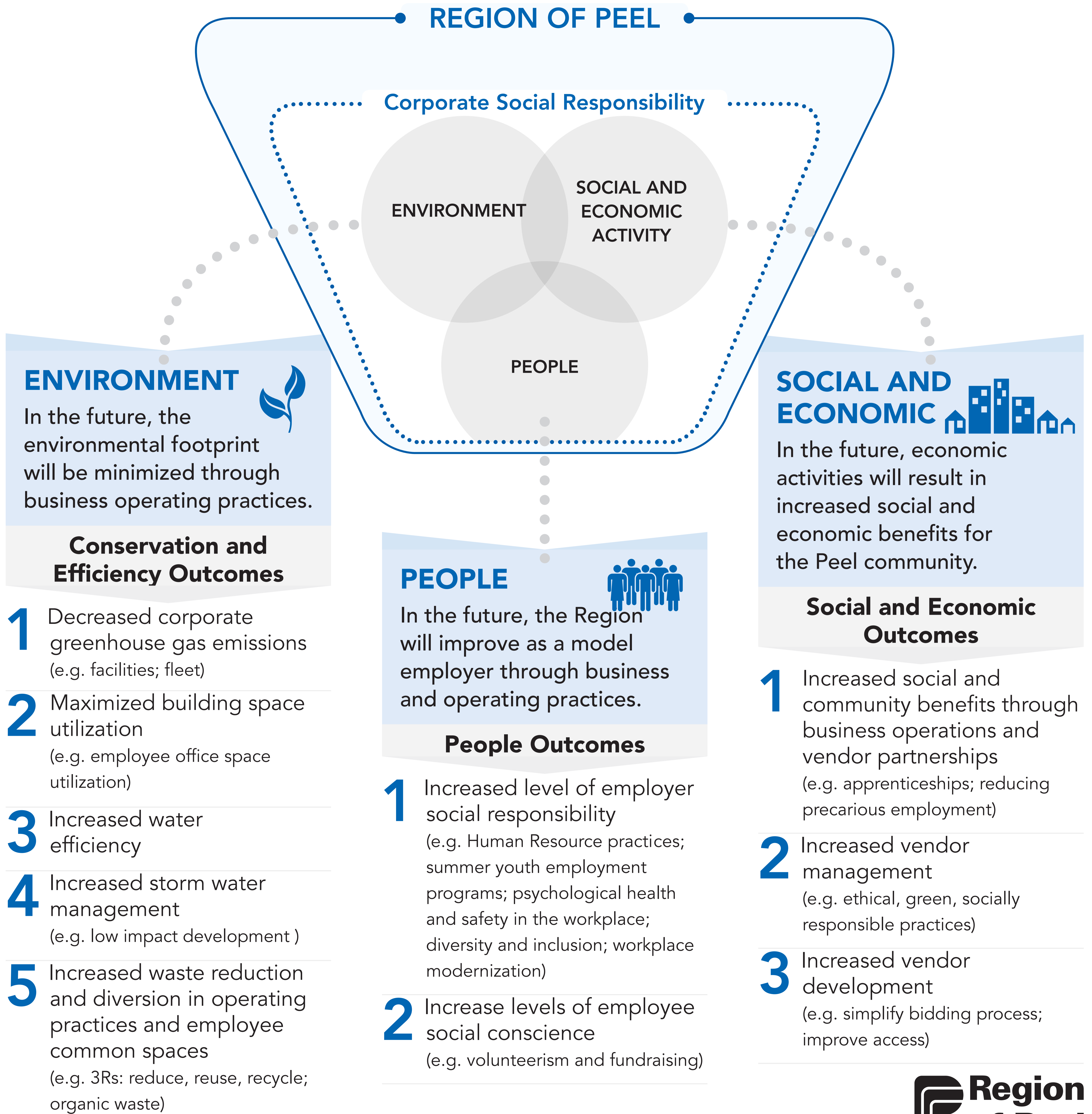
Appendix I – Corporate Social Responsibility Strategy Framework
Appendix II – CSR Strategy High Level Five-Year Implementation Plan
Appendix III – CSR Strategy Outcome Performance Details 2018-2019

For further information regarding this report, please contact Kathryn Lockyer, Regional Clerk and Director of Legal Services, extension 4325, kathryn.lockyer@peelregion.ca.

Authored By: Judy Labelle, Advisor, Corporate Social Responsibility

Reviewed in workflow by:
Procurement

Corporate Social Responsibility Framework



**APPENDIX II
CORPORATE SOCIAL RESPONSIBILITY STRATEGY UPDATE**

**CORPORATE SOCIAL RESPONSIBILITY STRATEGY HIGH LEVEL FIVE-YEAR
IMPLEMENTATION PLAN**

Corporate
Social Responsibility
Strategy



High Level Five-Year Implementation Plan

Region of Peel's Corporate Social Responsibility (CSR) Strategy execution is driven by first fostering internal employee engagement and collaboration then focusing on external networks and partnerships to determine and communicate local environmental, economic and social opportunities and solutions. The high-level, five-year implementation plan is outlined below. Items completed as of September 2019 are noted with a check mark.

Short-term Plan (Year One and Two):

- ✓ Develop and implement a CSR Evaluation Framework.
- ✓ Update the Purchasing By-Law (2018) including policy and guideline changes and opportunities as they relate to sustainable, environmental and social procurement.
- ✓ Develop, implement and build upon strategies to increase employee social conscience.
- ✓ Implement recently developed building efficiency standards (e.g. Leadership in Energy and Environmental Design (LEED)-type standards).

Medium-term Plan (Two to Three Years):

- ✓ Transform existing Sustainable Procurement Considerations into guidelines for implementation and evaluation.
- Implement and evaluate community benefits with vendors to support unemployed individuals living in Peel.
- Amend and implement existing Vendor Code of Conduct and vendor performance management program to align with CSR principles.
- Investigate CSR-related certification opportunities and determine Regional implications.
- Establish the Peel Anchor Institution Network. The Region will share its CSR experiences with other anchor institutions stakeholders within the Region of Peel to improve CSR performance regionally. The Peel Anchor Institution Network might include but not be limited to other large public and not-for-profit organizations in Peel Region.

Medium to Long Term Plan (Three to Five Years):

- Investigate the topics of living wage, wage security, fair wage, and improving employment security for future consideration as the strategy progresses.
- Explore additional social procurement opportunities, including social enterprises as addressed in Council Resolution 2016-480 and report back to Regional Council with findings regarding the needs, opportunities, costs and impacts for Peel.
- Investigate topic of precarious employment by the Region of Peel and vendors/contractors for Regional contracts as findings will inform future policy development.
- Continue to research the benefits and costs of various CSR-related certifications, including Certificate of Recognition (COR) certification as a mandatory procurement requirement for contractors bidding on Regional work.

Corporate **Social Responsibility** Strategy



Enabling Priorities Status

 Corporate Social Responsibility (CSR) **Guidelines are complete**

 Purchasing By-law **Update enacted**

 Sustainable Procurement **Guidelines are complete**

 **86%** satisfaction with the new electronic registration process for **eProcurement (e-Bidding)**



Electric vehicle charging stations installed at various locations



LED lighting

installed at various Peel Living locations and administrative buildings

Increased storm water management

Added rainwater harvesting and pervious paving



Greenhouse gas mitigation target surpassed
24%↓ below 1990 levels (Target 10%)

Space utilization
+159 **new workstations** by reconfiguring **40,000** square feet of office space

Energy Star Rated appliances installed

at Peel Housing Corporation buildings



Waste diversion

Organic waste collection

Long Term Care facilities diverted

100 **metric tonnes**

in less than **6** months

Less paper consumed

13%↓

reduction of pages printed by employees (on local printers)

Increase in diversion

↑4%

10 Peel Centre Dr.

↑5%

7120 Hurontario St.



Enabling Priorities Status

Priorities	Status
<p>A Corporate Social Responsibility Strategy (CSR) Guidelines</p>	<p>CSR Guidelines are complete and establish a lens for guiding business operating decisions—to be rolled out across the organization in 2019.</p>
<p>B Purchasing By-law Update</p>	<p>The updated By-law was enacted by Regional Council in June 2018.</p>
<p>C Sustainable Procurement Guidelines</p>	<p>Sustainable Procurement Guidelines are complete and promote practices reflecting sustainable procurement, including consideration of social, environmental and economic factors.</p>
<p>D e-Procurement (e-Bidding)</p>	<p>The March 2018 eProcurement (e-Bidding) initiative enables greater efficiencies for Regional staff and vendors during the procurement process, reducing the community’s and Region’s corporate carbon footprint as well as overall costs to the Region. A Fall 2018, Procurement survey of vendors registered with the e-bidding platform showed:</p> <ul style="list-style-type: none"> • 86% satisfaction with the new electronic registration process • 70% felt they had access to more bid opportunities in the new e-Bidding process • 81% indicated the e-bid submission process is easier compared to the previous paper process



June 2018 to September 2019

Outcome Performance Details

Strategy Outcome

1. Decreased greenhouse gas emissions



Outcome Metrics	Status Update
1.1 Amount of corporate greenhouse gas emissions	1.1 By leveraging a cleaner electricity grid, the 2015-2018 Term of Council GHG mitigation target (10% below 1990 levels) was surpassed at 24% below 1990 levels . The Corporate and Community Greenhouse Gas Emission Inventories were completed. The Corporate Climate Change Master Plan is in progress. Council approval will be sought in Fall 2019.
1.2 Energy consumption in facilities	1.2 Staff are exploring ways to power buildings with clean energy in existing and new buildings to position the Region to move toward Net Zero Emissions buildings in the future. The implementation of initiatives to mitigate climate change is based on engagement with key stakeholders and evaluation of available technology, timing, costs and co-benefits. LED lighting has been installed at various Peel Living locations. Energy Star Rated appliances have been installed at Peel Housing Corporation buildings. The Region's main administrative buildings received new LED lighting in 2019 (7120 Hurontario Street and 10 Peel Centre Drive, Suite B).
1.3 Fleet fuel consumption	1.3 The Region of Peel's Green Fleet Strategy Report to Regional Council (May 24, 2018) outlined how it will enable the formalization of internal processes and practices related to fleet composition and environmental performance. Implementation of the strategy will make possible the acceleration of emissions reductions toward the Region's GHG reduction target. Activities underway include: <ul style="list-style-type: none"> • Development of an internal facing anti-idling program to address unnecessary idling in the fleet. Data suggests that unnecessary idling currently accounts for over 600 tons of carbon dioxide emissions per year of the fleet emission profile; • Installation of electric vehicle charging stations at various locations; • Implemented six Battery Electric Vehicles in 2018. An additional 13 were purchased in 2019; and • The Green Fleet Program led a 12-month pilot of high-ethanol gasoline fuel (E85) that resulted in an avoidance of 97 tonnes of carbon dioxide equivalent. The pilot results informed an expansion of the fuel use to upwards of 200 Public Works vehicles. This expansion has a potential to save 580 tonnes of carbon dioxide equivalent per year in Public Works.

Battery Electric Vehicles 

 **6** implemented in **2018**  **13** purchased in **2019**

Strategy Outcome

2. Increased building space utilization



Outcome Metrics	Status Update
<p>2.1 Maximize percent space utilization</p>	<p>2.1 To fulfill the goal to maximize the percentage of building space utilization, implementation of new space standards and practices has commenced, allowing the Region to accommodate staff growth while minimizing the administrative office footprint and GHG emissions through, for example: mobile workers, desk sharing, and decreasing reliance on paper.</p> <p>In 2018:</p> <ul style="list-style-type: none"> • Human Resources introduced desk sharing opportunities with unassigned workstations for mobile workers; and • Approximately 40,000 square feet of office space was reconfigured to add 59 net new workstations. In each case, the overall square feet person ratio was reduced.

Strategy Outcome

3. Increased water efficiency



Outcome Metrics	Status Update
<p>3.1 Water efficiencies implemented in new and renovated facilities</p>	<p>3.1 Water efficiency activities are as follows:</p> <ul style="list-style-type: none"> • Assessments were completed at two Public Works Water/Wastewater Treatment Plants. A Metering Plan is under development to take advantage of opportunities; and • Audits and inventory collection will continue through 2019 at affordable housing buildings and other Regional facilities to determine where water efficient fixtures can be introduced. Where they are, the Region has selected WaterSmart fixtures as the standard.

Strategy Outcome

4. Increased storm water management at facilities



Outcome Metrics	Status Update
<p>4.1 Number of low impact development (LID) projects on Peel sites</p>	<p>4.1 Numerous LID projects are underway at Peel sites:</p> <ul style="list-style-type: none"> • The Mavis Road Transhelp and Paramedics joint facility used 150,000L in 4 months of rainwater to wash vehicles through rainwater harvesting; • Public Works Transportation employed LID in arterial road design and construction for 5 completed projects with 38 projects in various phases including environmental assessment, detailed design, or currently under construction; • The recently opened Streetsville Paramedic Reporting Station includes on-site stormwater management and pervious paving; • Mississauga’s new housing development will have an underground water collection tank to store 25mm of stormwater on site. It will also have a green roof treated with rainwater; and • In progress is the Region’s Corporate Green Infrastructure Opportunity Assessment Report which focuses on green infrastructure practices to treat stormwater as close as possible to the source through site design techniques and decentralized stormwater facilities.



Mavis Road Transhelp and Paramedics joint facility used

150,000 L harvested rainwater

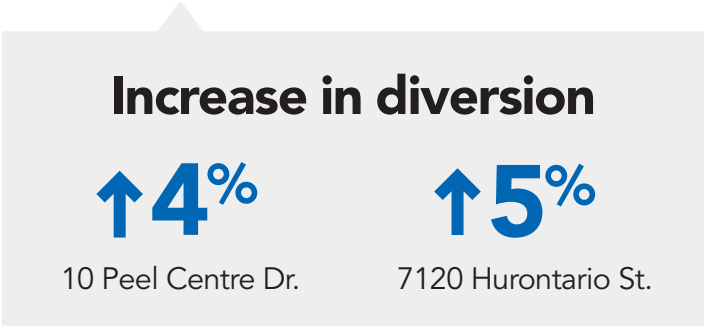
in 4 months to wash vehicles

Strategy Outcome

5. Increased waste reduction and diversion in operating practices and employee common space



Outcome Metrics	Status Update
<p>5.1. Waste diversion rate for 10 Peel Centre Dr. and 7120 Hurontario St. and remote locations</p>	<p>5.1 In 2018:</p> <ul style="list-style-type: none"> Waste audits at 10 Peel Centre Dr. and 7120 Hurontario St. revealed an increase in diversion rates of 4% and 5% respectively; Textile collection bins were installed at Regional administrative office buildings and 31 affordable housing buildings in partnership with the Diabetes Association. Since October 2018, 3.3 tonnes of textiles were collected at office locations. The Region partnered with Partners in Project Green’s People Power Challenge with this initiative; and During Earth month, April 2018, 1.834kg of textiles and electronics were collected for recycling. 626kg of textiles were collected in October 2018, during Waste Reduction Week.
<p>5.2. Organic waste diversion at five Long Term Care (LTC) homes</p>	<p>5.2 In 2018, the introduction of organic waste collection including incontinence products at 5 Long Term Care facilities resulted in 100 metric tonnes of waste diversion in less than 6 months.</p>
<p>5.3. Number of papers printed</p>	<p>5.3 21.2 million pages were printed by employees (on local printers), a reduction of 13% from 2017 (reduction of 3.2 million pages). 4 million pages were printed in the Region’s in-house print shop, the same quantity as 2017. The reduction is attributed to employee awareness, trust in electronic filing, and modernized work processes. A 2019 paper use reduction initiative will contribute to additional positive outcomes.</p>



Strategy Outcome

6. Increased social and community benefits through business operations and vendor partnerships



Outcome Metrics	Status Update
<p>6.1 Investigate embedding formal community benefits agreement language into bid evaluations and contracts</p>	<p>6.1 Staff participate in the Peel Community Benefits Network (PCBN). The Network’s mandate is to ensure that community benefits agreement tools are used to provide jobs and other benefits for local community residents, especially those who are identified as historically disadvantaged and equity seeking. PCBN is working with Metrolinx, the Cities of Mississauga and Brampton and the community to ensure that the Hurontario Light Rail Transit project will be completed with the greatest benefit possible for the community. United Way Greater Toronto provided funds to support a community benefits facilitator to lead development of the work plans within the Metrolinx Community Benefits agreement.</p>
<p>6.2 Number of bid evaluations with community benefits evaluation criteria</p>	<p>6.2 Monitoring the number of bid evaluations with community benefits criteria is a 2020 CSR Strategy deliverable.</p>
<p>6.3 Initial metrics: Number of Social Purpose Enterprises funded and number of participants employed</p>	<p>6.3 A two-year Social Purpose Enterprise Pilot—proposed in the 2020 budget through the Community Investment Program would support two community agencies to develop a social purpose enterprise for Peel communities facing barriers in the labour market. Social purpose enterprises assist with reducing poverty, creating jobs, attracting revenue and building strong communities. Pilot success would inform work aligning funding sustainability streams for community agencies. Community Investment Program staff will prepare metrics following a feasibility analysis.</p>

Strategy Outcome

7. Increased Vendor Management



Outcome Metrics	Status Update
7.1 Percentage of vendor contracts awarded demonstrating sustainable environmental and or social outcomes	7.1 The percentage of vendor contracts awarded which demonstrate sustainable environmental and or social outcomes will be reported once the Sustainable Procurement program becomes fully launched and standardized.
7.2 Vendor code of conduct updated	7.2 The Vendor Code of Conduct will be updated in 2019.

Strategy Outcome

8. Increased Vendor Development



Outcome Metrics	Status Update
8.1 eBidding vendor satisfaction survey results	<p>8.1 Status Update</p> <p>The March 2018 eProcurement (e-Bidding) initiative is successful:</p> <ul style="list-style-type: none"> • 86% vendor satisfaction with the new electronic registration process; • 70% of vendors felt they had access to more bid opportunities in the new e-Bidding process; and • 81% indicated the e-bid process is easier than the previous paper process.

Strategy Outcome

9. Increased level of employer social responsibility



Outcome Metrics	Status Update
<p>9.1 Percentage of employees that perceive the Region as a socially responsible employer (self-reported via survey)</p>	<p>9.1 A 2018 employee survey measuring employee perception of the Region as a socially responsible employer showed an increase over 2016 survey results. When asked to comment on feeling proud to work for the Region, 84% of responses were favourable. Additional initiatives:</p> <ul style="list-style-type: none"> • Developing a framework for psychological health and safety; • The Respectful Workplace Program launched in May 2019 with shared accountability for civility and respect in the workplace, creating safe spaces for employees to thrive. It includes updated and new policies and guides as well as mandatory e-learning; • Policies related to substance use were revised and updated to include cannabis; • The 'Your Healthy Workplace' (YHW) program continues to promote employee well-being physically, mentally and emotionally through the provision of onsite, employee-paid fitness, yoga and meditation classes, which are all attended on personal time. YHW representatives across the organization role model and promote employee well-being; • The Employee and Family Assistance Program continues, offering general counselling support for all aspects of life challenges including career coaching, elder care, new parent support, retirement planning healthy living, crisis management, depression, trauma care, etc. It also includes wellness sessions, e-learning and webinars on various topics, as well as 'Lifespeak': an online video library with tools and resources on various topics, available to all employees; • Mental health training is underway, including: <ul style="list-style-type: none"> • Psychological Health and Safety for Leaders (2018); • Psychological Health and safety for Employees (2019 implementation); and • Emotional Intelligence workshops; • A Mental Health First Aid initiative is underway. 'Your Healthy Workplace' representatives, Joint health and Safety committee member and First Aid attendants received training in 2018; • Individual consultations were held within departments to identify and address occupational stress injuries and build employee resiliency; • Department-specific interventions addressed mental health (self-care, peer support, critical incident management, etc.); • A Diversity and Inclusion Strategy is under development; • In 2019, Council established a Diversity, Equity and Anti-Racism Sub-Committee of Regional Council; • In 2019 the Executive Leadership Team completed an intercultural competence assessment to ensure successful advancement of diversity and inclusion work at the Region; • The Peel as a Model Employer program run by Human Services places candidates into roles at the Region of Peel to improve their job skills, gain work experience to position them more competitively within the workforce;

Outcome Metrics	Status Update
<p>9.1 (cont'd) Percentage of employees that perceive the Region as a socially responsible employer</p>	<ul style="list-style-type: none"> • A networking event with ACCES Employment helped 12 new Canadians get exposure to the Region of Peel as an employer through networking with Region employees in their areas of expertise. Candidates were able to meet executives from the Region, ask Peel employees about employment opportunities at Peel, and participate in a resume review; and • In 2018, the Region hired close to 200 post-secondary students to help them gain work experience, build their network and develop life skills in to enhance their career opportunities. The Region also hires high school students through the Summer Job Challenges. This program is for families in receipt of Social Assistance.



\$338,367 raised for the Peel community

Employee 2018 United Way Campaign exceeded the fundraising goal



Hired 200 post-secondary students to enhance their career opportunities

Strategy Outcome



10. Increased levels of employee social conscience

Outcome Metrics	Status Update
<p>10.1 Percentage of employees volunteering in the community (self-reported)</p>	<p>10.1 Many Regional employees spend their personal time volunteering and offering financial support privately within the community.</p>
<p>10.2 Percentage of employees donating to the Employee United Way Campaign and or other charities</p>	<p>10.2 Employee social responsibility is evident in the success of the employee 2018 United Way Campaign which exceeded the fundraising goal, raising \$338,367 for the Peel community. The 2018 employee donation rate was 34.4%. The 2018 Campaign had a record number of 73 Leader Donors donating \$1200 or more.</p>

**ITEMS RELATED TO
PUBLIC WORKS**

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DATE: October 15, 2019

REPORT TITLE: **GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL ASSESSMENT STUDY UPDATE**

FROM: Andrew Farr, Acting Commissioner of Public Works

RECOMMENDATION

That the comments outlined in the report of the Acting Commissioner of Public Works, titled “Greater Toronto Area Transportation Corridor Environmental Assessment Study Update”, be endorsed;

And further, that a copy of the subject report be forwarded to the Ontario Ministry of Transportation, Town of Caledon, City of Brampton, and City of Mississauga.

REPORT HIGHLIGHTS

- On September 19, 2019, the technically preferred route for the Greater Toronto Area West (GTA West) Transportation Corridor was released for public consultation until October 31, 2019.
- The technically preferred route satisfies key comments provided by Regional staff in 2015 to include a north-south corridor in the Halton-Peel boundary area and freeway to freeway connections to Highway 410, the Highway 401/407 interchange, future Highway 427 extension, and Highway 400.
- However, the technically preferred route and its interchange locations may have implications related to planning, transportation, water and wastewater infrastructure, and Regionally-owned and leased properties.
- Geographic Information System (GIS) mapping has been requested, which will allow staff to conduct a thorough review of these implications and provide detailed comments to the Ministry of Transportation.
- Confirmation of the preferred route is expected in Spring 2020, which will allow Regional and local municipal staff to advance land use and development planning along the corridor.
- The submission of the final environmental assessment report to Ministry of the Environment, Conservation and Parks is expected in Fall/Winter 2022, and if approved, Provincial funding commitment for detailed design and construction of the GTA West Transportation Corridor will be required to proceed with implementation.

GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL ASSESSMENT STUDY UPDATE**DISCUSSION****1. Background**

The GTA West Transportation Corridor Environmental Assessment (EA) is a study undertaken by the Ministry of Transportation to link Urban Growth Centres in the Greater Toronto Area. The transportation corridor consists of a new freeway spanning from Highway 400 in Vaughan to the Halton-Peel boundary and includes a transitway.

On June 19, 2019, the Province of Ontario announced that the Ministry of Transportation has resumed the GTA West Transportation Corridor EA Study, since it was suspended in 2015. In addition, the announcement noted that the Northwest GTA Corridor Identification study has now been cancelled, and that a new study to identify a transmission corridor adjacent to the GTA West Transportation Corridor has now been initiated.

On September 19, 2019, the Ministry of Transportation released the technically preferred route (Appendix I) for the GTA West Transportation Corridor at a Public Information Centre.

This report provides an overview of the importance of the GTA West Transportation Corridor to the Regional Municipality of Peel and the workplan for conducting a detailed review of key implications.

2. Importance of the GTA West Transportation Corridor to Peel Region

The GTA West Transportation Corridor is integral for the Region to accommodate travel demand generated by population and employment growth anticipated by 2041. Additionally, the transportation corridor will support the Region's future economic vitality by serving as a catalyst for growth, and will enhance the Provincial freeway network within Peel.

The identification of a preferred route provides more certainty for the alignment of the corridor and will allow Regional and local municipal staff to advance comprehensive land use and development planning in areas along the corridor.

3. Preliminary Implications to Peel Region

Regional staff have reviewed the September 2019 Public Information Centre material, which includes PDF mapping of the technically preferred route, identification of preferred interchange locations, potential transitway stations, and goods movement priority features.

The Region has been an active participant throughout the GTA West Transportation Corridor EA Study process and Regional objectives identified for the study included the need for:

- a north-south corridor in the Halton-Peel boundary area; and
- a direct freeway-to-freeway connection between the GTA West Transportation Corridor and Highway 410, the Highway 401/407 interchange, future Highway 427 extension, and Highway 400

GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL ASSESSMENT STUDY UPDATE

While these objectives were satisfied, staff's review of the materials have also identified a number of preliminary implications that will require further investigation. Staff have requested the expedited provision of GIS mapping of the technically preferred route, which will allow staff to conduct a detailed review of these implications, as well as implications to Regionally owned and leased properties in the corridor, and provide detailed comments to the Ministry of Transportation.

Interchange Location Implications:

The interchange locations identified along the technically preferred route are shown in Appendix I and were selected based on the level of connectivity to the local municipal road network and Provincial highway network, level of connectivity to transit, traffic demand, and spacing between interchanges. Regional staff have reviewed the locations and offer the following comments:

- While the technically preferred route reflects the Region's previous comment to provide a full interchange at Coleraine Drive, connections to the Regional road network will need to be confirmed. Further, staff note that the Coleraine interchange impacts lands in Caledon not originally anticipated.
- Given the planned growth in northwest Brampton, additional interchange(s) may be required in the western portion of the technically preferred route.
- The confirmation of interchange locations may warrant revisions to the Region's Strategic Goods Movement Network to support freight movements in the Region of Peel and a review of the impact of the preferred interchange locations on the local road network.

Further, staff note that the technically preferred route includes an extension of Highway 427 beyond Major Mackenzie Drive to connect to the GTA West Transportation Corridor. Ministry staff confirmed that this interchange does not preclude the further extension of Highway 427 beyond the GTA West Transportation Corridor, however the further extension is outside the scope of this EA.

Planning Implications:

Regional staff have conducted a preliminary review of planning implications related to the technically preferred route that may require consideration in Regional planning initiatives and by the Ministry, as the EA progresses. These implications are outlined below:

- Ensuring that further refinement of the technically preferred route considers and minimizes impacts to designated employment lands in Mayfield West Phase 1, Coleraine West (Regional Official Plan Amendment 28), and Northeast Brampton (Secondary Plan 47).
- Ensuring that planning for transit in Major Transit Station Areas near the technically preferred route and interchanges considers potential land use and built environment impacts.
- Reviewing the technically preferred route in relation to Option 6 of the Bolton Residential Expansion Area as adopted by Regional Council (Regional Official Plan Amendment 30).
- Ensuring that impacts to natural heritage features, water resources, and prime agricultural lands are minimized or mitigated.

GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL ASSESSMENT STUDY UPDATE

- Revising details of the Peel 2041 Official Plan Review to confirm growth assumptions and identify the route alignment, which will primarily affect the focus areas of growth management (including the settlement boundary expansion study) and transportation.

Regional Transportation Implications:

The Region's Long Range Transportation Plan included the GTA West Transportation Corridor and its potential interchange locations as key assumptions. As such there are minimal impacts of the technically preferred route on the Region's planned transportation network to 2041. The next update of the Long Range Transportation Plan will include the preferred route

Regional staff are encouraged that a number of goods movement priority features which align with the actions identified in the Region's Goods Movement Strategic Plan 2017-2021 have been identified to be carried forward for further screening in the GTA West Transportation Corridor EA Study, including: enhanced design to accommodate long combination vehicles, truck only lanes, and intelligent transportation systems features such as variable message signs and real time traveller information. In addition to these features, longer speed change lanes, truck parking facilities, and enforcement features such as automated weigh stations have also been identified to be carried forward for further study.

Regional staff are reviewing the technically preferred route for implications to Regional EAs currently underway. The following EAs may be impacted:

- Highway 427 Industrial Secondary Plan Area 47 Class EA for Arterial Roads; and
- Winston Churchill Boulevard EA from Highway 401 Northerly to Embleton Road.

Lastly, the Ministry of Transportation are advised of the following Regional road improvement projects that are currently in detailed design stage:

- Highway 50 Widening from Castlemore Road to Mayfield Road;
- Mayfield Road Widening from The Gore Road to Coleraine Drive;
- Mayfield Road Widening from Mississauga Road to Winston Churchill Boulevard;
- Airport Road Widening from Mayfield Road to King Road; and
- Bovaird Drive Widening from Mississauga Road to 1.5km west of Heritage Road.

Water/Wastewater Implications:

While Regional staff have made efforts to minimize impacts to water and wastewater infrastructure within the GTA West Transportation Corridor EA study area, the technically preferred route may impact infrastructure including key transmission mains and trunk sewers. Upon availability of GIS mapping, staff will conduct a detailed analysis of the impact of the technically preferred route on infrastructure that exists, is planned, or underway.

GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL ASSESSMENT STUDY UPDATEPublic Health Implications:

In order to identify the health impacts of the technically preferred route to the Region of Peel, staff are requesting that the Province complete a detailed Health Impact Assessment of the full corridor. This assessment will enable staff to identify and implement mitigation measures in collaboration with Provincial staff as the EA progresses.

CONCLUSION

Regional staff are encouraged with the progress of the GTA West Transportation Corridor EA and the technically preferred route. The GTA West project team will be accepting feedback on the information presented at the PICs until October 31, 2019 and this report forms staff's high level comments based on information currently available. Staff have requested GIS mapping of the technically preferred route from the Province and will be conducting a detailed review of the implications as well as consulting with neighbouring municipalities.

In regards to next steps and timelines, Ministry staff informed that the GTA West project team will be moving forward with engaging municipalities in regular project discussions. A reduced area of interest will be confirmed following the consultation period, the confirmation of the preferred route is expected in Spring 2020 which will allow Regional and local municipal staff to advance land use and development planning along the corridor, and the submission of the final environmental assessment report for the EA is expected in 2022. Should the EA be approved by the Ministry of the Environment, Conservation and Parks, a Provincial funding commitment for detailed design and construction of the GTA West Transportation Corridor will be required to proceed with implementation.

Peel Region recognizes the importance of the GTA West Transportation Corridor to meet travel demand and economic development, and continues to urge the Province to expedite the completion of the EA. Regional staff will work with the Province to support the advancement of the EA, confirm and address the implications noted in this report, look for opportunities to expedite the process, and ensure successful implementation of the GTA West Transportation Corridor, and will continue to report to Regional Council with updates.



Andrew Farr, Acting Commissioner of Public Works

Approved for Submission:

N. Polsinelli, Interim Chief Administrative Officer

**GREATER TORONTO AREA WEST TRANSPORTATION CORRIDOR ENVIRONMENTAL
ASSESSMENT STUDY UPDATE**

APPENDICES

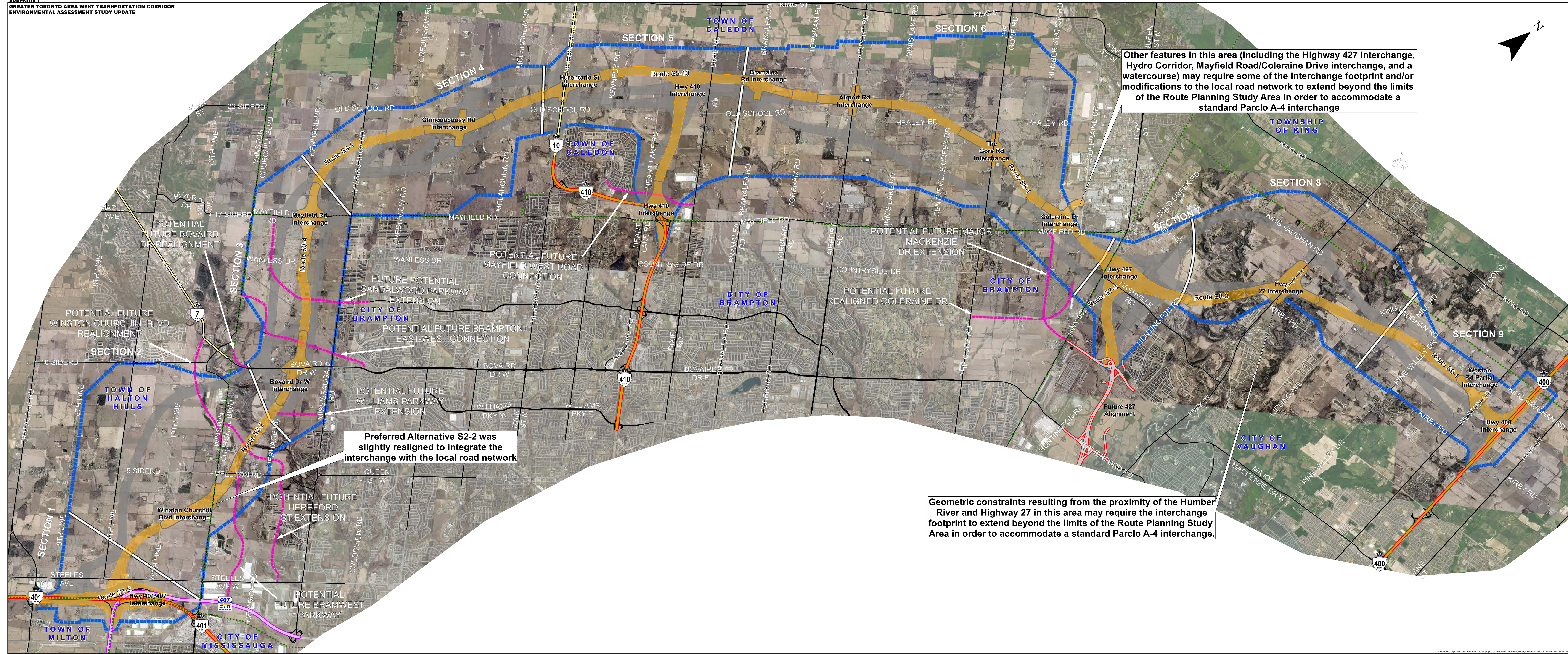
Appendix I – Technically Preferred Route for the GTA West Transportation Corridor

*For further information regarding this report, please contact Tina Detaramani, Manager,
Strategic Policy & Projects, Transportation Division, extension 4420,
Tina.Detaramani@peelregion.ca.*

*Authored By: Richa Dave, Principal Planner, Strategic Policy and Projects, Transportation
Division, extension 5075, Richa.Dave@peelregion.ca.*

Reviewed in workflow by:

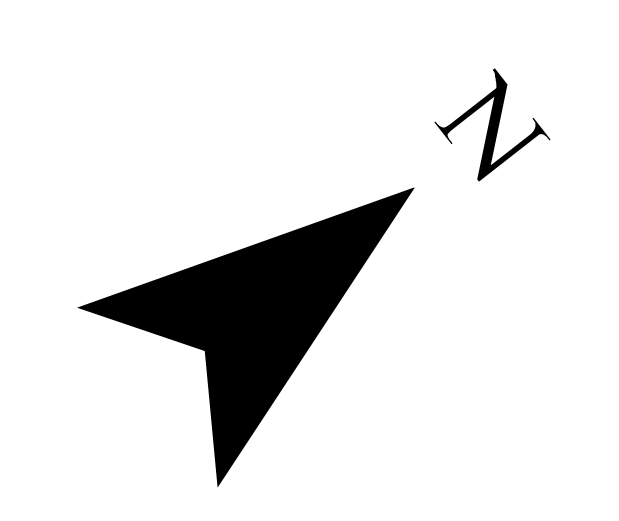
Financial Support Unit
Legal Services



Other features in this area (including the Highway 427 interchange, Hydro Corridor, Mayfield Road/Coleraine Drive interchange, and a watercourse) may require some of the interchange footprint and/or modifications to the local road network to extend beyond the limits of the Route Planning Study Area in order to accommodate a standard Parclo A-4 interchange

Preferred Alternative S2-2 was slightly realigned to integrate the interchange with the local road network

Geometric constraints resulting from the proximity of the Humber River and Highway 27 in this area may require the interchange footprint to extend beyond the limits of the Route Planning Study Area in order to accommodate a standard Parclo A-4 interchange.



GTA West

Legend

- Railway
- Freeway
- 407 ETR
- Future Highway 427 Extension
- Highway
- Arterial Road
- Section Boundary
- Planned Municipal Improvements
- Municipal Boundary
- Route Planning Study Area
- Conceptual Interchange Footprint
- Technically Preferred Route
- Short List of Route Alternatives

Technically Preferred Route and Interchange Locations

metres

DRAFT
 SEPTEMBER 2019

DATE: October 11, 2019

REPORT TITLE: **BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2
EXTENSION OF EXISTING ENGINEERING AND CONSTRUCTION
CONTRACTS FOR THE CENTREVIEW SANITARY SEWER
CITY OF MISSISSAUGA, WARDS 3, 4 AND 7**

FROM: Andrew Farr, Acting Commissioner of Public Works

RECOMMENDATION

That the contract (Document 2015-639P) for engineering services for the detailed design and contract administration for the Burnhamthorpe Water Project, Contract C1/C2 awarded to Hatch Corporation, be extended in the estimated amount of \$1,399,503.00 (excluding applicable taxes) for additional engineering services under Capital Projects 16-2243/13-1125, for a total commitment of \$16,922,115.32 (excluding applicable taxes), in accordance with Procurement By-law 30-2018;

And further, subject to the receipt of acceptable construction pricing from the contractor for the Burnhamthorpe Water Project, Contract C1/C2, Technicore Underground Inc., that the Commissioner of Finance and Chief Financial Officer be authorized to approve the construction contract extension award once detailed design is completed.

REPORT HIGHLIGHTS

- The Region of Peel is currently constructing water and wastewater services in Downtown Mississauga to service long term growth in this area. The City has identified additional intensification pressures along the Hurontario Street and Eglinton Avenue corridor (Uptown Node).
- Intensification in this area will require additional infrastructure to convey flows to the Region's Wastewater treatment plants.
- Staff recommends incorporating the additional infrastructure into the existing Burnhamthorpe Water Project, Contract C1/C2 within the Mississauga City Centre area, allowing this project to be completed by June 2022, saving one year versus if tendered separately.
- The integration of both projects will allow for seamless project delivery resulting in community benefits such as minimizing multiple contractor conflicts, coordination of traffic and noise mitigation.
- In accordance with Procurement By-law 30-2018, Section 5.5.2, and approval authorities outlined in Purchasing Procedure F35-05 Purchase Orders and Vendor Contracts, the process to increase these contracts requires Regional Council approval.

BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2**DISCUSSION****1. Background**

The Region of Peel is responsible for the planning, design, construction, operation and maintenance of water and wastewater systems. The Region's Water/Wastewater Master Plan identifies projects required to support planned growth in Peel, including the Mississauga City Centre area.

Over the past two years the Region has tendered three contracts within the Mississauga City Centre (as per Appendix I) to ensure necessary infrastructure is in place prior to commencement of the Hurontario Light Rail Transit construction project through the Mississauga City Centre area.

Ongoing construction in the Mississauga City Centre area includes the installation of watermains on Burnhamthorpe Road and watermains and sanitary sewers on Duke of York Boulevard. The substantial completion of this contract is scheduled for the end of June 2021.

2. Current Situation

The City of Mississauga is experiencing considerable development pressure in the Uptown Node due to its prime location and infrastructure investments. Attraction for development in this area has triggered new population, which is different than what is identified in the current Growth Plan.

In anticipation of this increase in growth, staff from the Region and City proactively undertook infrastructure assessments to better understand the servicing impacts on the Region's wastewater infrastructure. At a high level, two key findings of the analysis show:

- the sanitary sewers in the Uptown Node ultimately discharge into the existing Cooksville Creek trunk sewer, which does not have the capacity to service any increased growth;
- the wastewater system servicing the Cooksville Creek catchment areas east of Hurontario Street is facing increased challenges due to climate change resulting in inflow and infiltration into the Region's wastewater system.

Considering the above, new infrastructure is required in the Mississauga City Centre area, which can be accommodated through the ongoing Burnhamthorpe Water Project, Contract C1/C2.

3. Proposed Solution

The construction of a sewer extension north on Duke of York Boulevard and across Centre View Drive to the existing Cooksville Creek trunk sewer as shown in Appendix II will support the projected growth in the Uptown Node and alleviate capacity challenges in the existing Cooksville Creek trunk sewer.

The construction of the Centre View Sanitary Sewer also provides the Region flexibility to address challenges related to inflow and infiltration in the Cooksville Creek trunk sewer by facilitating a portion of the flow to be directed to other trunk sewers.

BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2

Incorporating the additional sewer into the existing Burnhamthorpe Water Project, Contract C1/C2 yields a benefit to the community as all infrastructure servicing will be in place to service the Uptown Node as part of the current construction work. This eliminates the need for future construction projects to service the Uptown Node within the Mississauga City Centre area.

4. Additional Engineering and Construction Services

Hatch Corporation, the existing engineering consultant on the Burnhamthorpe Water Project, Contract C1/C2, provided a cost proposal to incorporate the design of the Centre View Drive Sanitary Sewer into the current Burnhamthorpe Water Project, Contract C1/C2. The estimate of \$1,399,503.00 for additional engineering fees submitted by Hatch Corporation is consistent with current fees for the entire project and in line with industry standards. Staff reviewed the proposal and are satisfied that it represents good value. The experience gained by Hatch through their design and contract administration for the Burnhamthorpe Water Project, Contract C1/C2 can be effectively leveraged for the additional works.

Technicore Underground Inc. was awarded the C1/C2 construction contract through a competitive procurement process. Once the detailed design of the Centre View Sanitary Sewer is complete, engineering drawings will be issued to Technicore Underground Inc. to provide a price to complete the construction. The design consultant has estimated the construction works to be approximately at \$16,922,115.32. Staff recommend that, subject to a review and confirmation by Region staff and the Engineering consultant that Technicore's submitted pricing is consistent with current competitive bid and industry standards, that the Commissioner of Finance and Chief Financial Officer be authorized to approve the construction contract extension award.

RISK CONSIDERATIONS

Not advancing this infrastructure at this time to provide this servicing in a timely fashion has potential growth management and reputational risks.

In terms of growth management, not advancing the work means it will be completed in 2023 rather than 2021. This could limit development within the Hurontario and Eglinton area until the new sewer for two additional years while the sewer is constructed after the Region's current work is completed.

Prolonged disruption to the Mississauga City Centre area residents, commuters and businesses will lead to additional public relations challenges including possible business loss claims from affected business owners due to prolonged construction duration.

BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2

FINANCIAL IMPLICATIONS

Sufficient funds are available under Capital Projects 16-2243 and 13-1125 to carry out report direction.



Andrew Farr, Acting Commissioner of Public Works

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Office

APPENDICES

Appendix I- Existing Engineering and Construction Contracts

Appendix II- Extension of Existing Engineering and Construction Contracts for the Duke of York Sanitary Sewer

For further information regarding this report, please contact Andrea Pitura, Manager, Wastewater, Capital Collection & Conveyance at ext. 3524 or via email at andrea.pitura@peelregion.ca

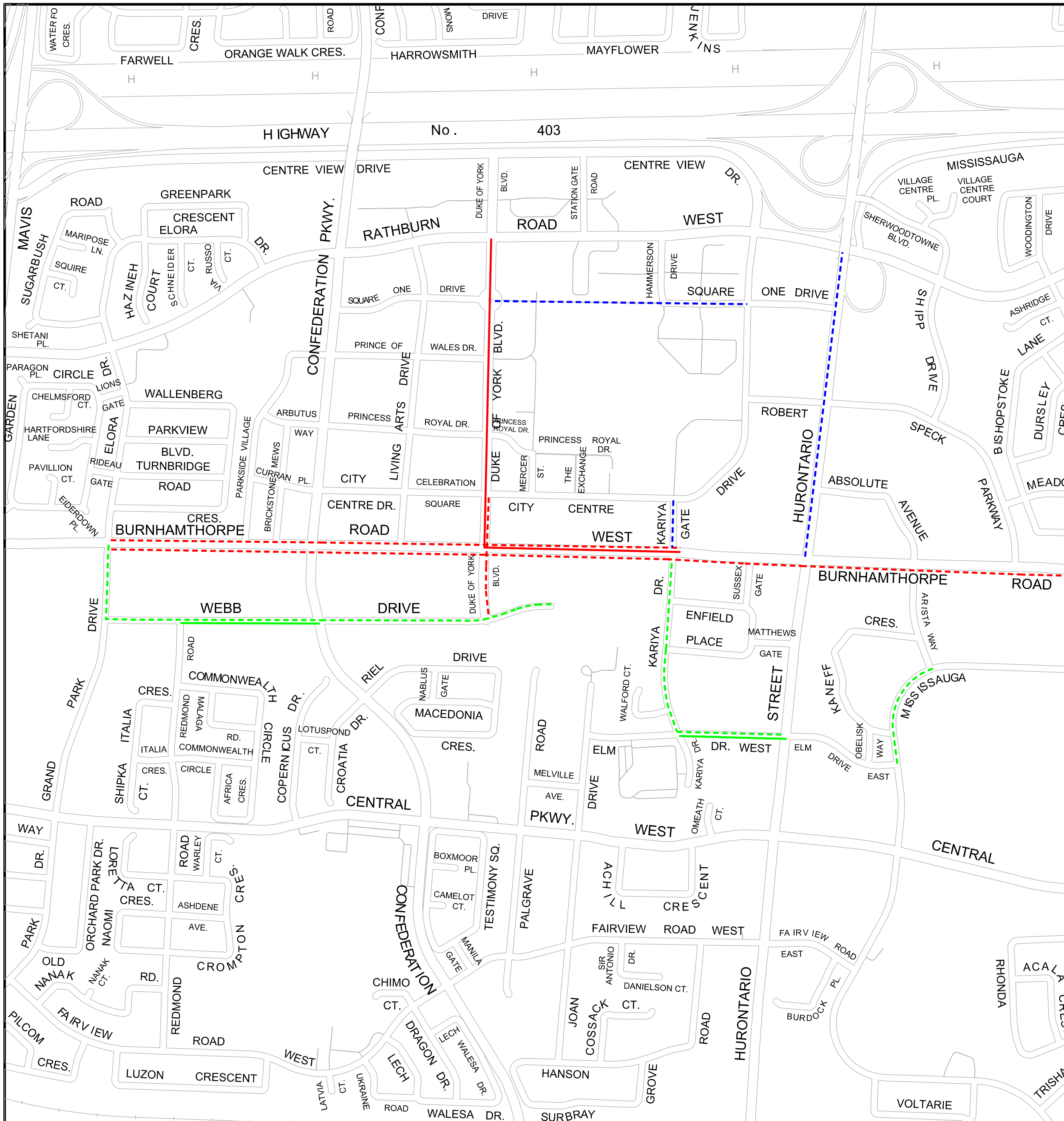
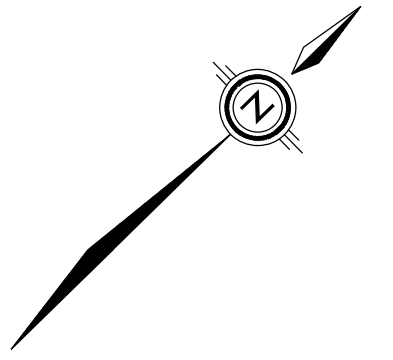
Authored By: Andrea Pitura, Manager, Wastewater Capital Collection & Conveyance

Reviewed in workflow by:

Financial Support Unit

APPENDIX I

**BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2
 EXTENSION OF EXISTING ENGINEERING AND CONSTRUCTION CONTRACTS
 FOR THE CENTRE VIEW DRIVE SANITARY SEWER
 CAPITAL PROJECTS 16-2243 AND 13-1121
 DOCUMENTS 2015-639P AND 2017-657T
 CITY OF MISSISSAUGA, WARDS 3, 4 AND 7**



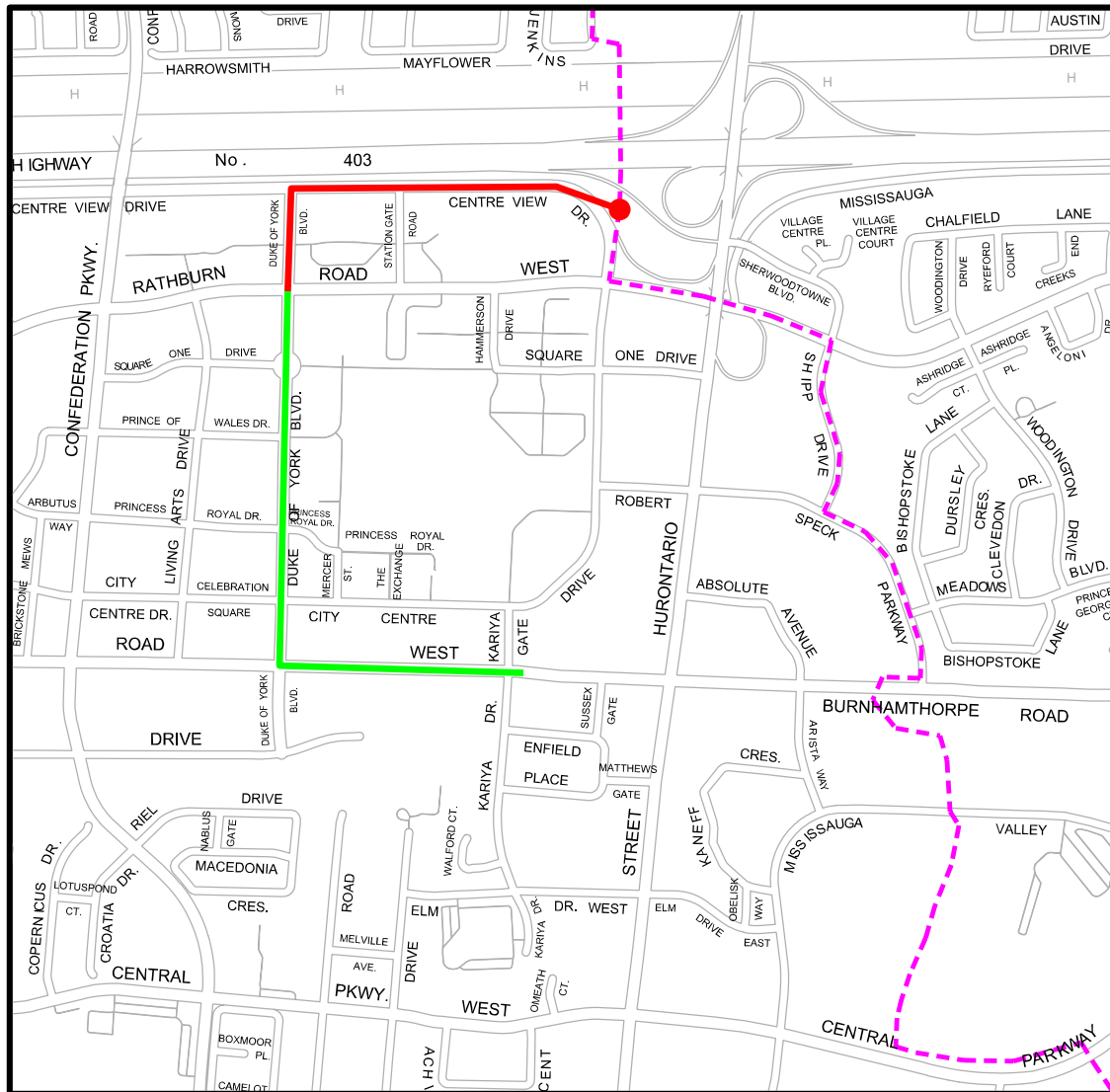
LEGEND

- CONTRACT C1/C2 SANITARY SEWER CONSTRUCTION ———
- CONTRACT C1/C2 WATERMAIN CONSTRUCTION - - - - -
- CONTRACT C3 WATERMAIN CONSTRUCTION - - - - -
- CONTRACT C4/C5 SANITARY SEWER CONSTRUCTION ———
- CONTRACT C4/C5 WATERMAIN CONSTRUCTION - - - - -

APPENDIX II

8.2-6

**BURNHAMTHORPE WATER PROJECT, CONTRACT C1/C2
 EXTENSION OF EXISTING ENGINEERING AND CONSTRUCTION CONTRACTS
 FOR THE CENTRE VIEW DRIVE SANITARY SEWER
 CAPITAL PROJECTS 16-2243 AND 13-1121
 DOCUMENTS 2015-639P AND 2017-657T
 CITY OF MISSISSAUGA, WARDS 3, 4 AND 7**



LEGEND

- 1200mm SANITARY SEWER UNDER CONTRACTS C1 AND C2
- PROPOSED EXTENSION OF 1200mm SANITARY SEWER
- EXISTING COOKSVILLE CREEK TRUNK SEWER

DATE: October 11, 2019

REPORT TITLE: **CLEAN WATER ACT REQUIREMENTS - AMENDMENTS TO THE ASSESSMENT REPORT AND SOURCE PROTECTION PLAN**

FROM: Andrew Farr, Acting Commissioner of Public Works

RECOMMENDATION

That the technical amendments completed at the Caledon Village - Alton Drinking Water System (Alton Well 4A) and incorporated into the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan be endorsed, in accordance with the requirements of the *Clean Water Act, 2006*;

And further, that a copy of this resolution and the report of the Acting Commissioner of Public Works, titled "*Clean Water Act Requirements - Amendments to the Assessment Report and Source Protection Plan*" be forwarded to the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Committee for their information and appropriate actions.

REPORT HIGHLIGHTS

- The *Clean Water Act, 2006* enables source protection plans and assessment reports to be revised.
- Amendments developed under Section 34 of the *Clean Water Act, 2006*, require consultation with stakeholders potentially affected by the proposed amendments, and Council endorsement from impacted municipalities.
- Regulatory changes (Ontario Regulation 205/18) that came into effect on July 1, 2018, under the *Safe Drinking Water Act, 2002*, require vulnerable areas and vulnerability scoring associated with new municipal drinking water wells to be incorporated into a source protection plan prior to the well supplying water so that the policies in the source protection plan are applicable.
- Region of Peel (the Region) and Credit Valley - Toronto and Region - Central Lake Ontario, Source Protection Region staff, worked in collaboration to complete and incorporate new technical work for Alton Well 4A in the proposed Section 34 amendment submission to the Province.
- Regional Council's endorsement in support of the new technical work related to the Caledon Village - Alton Drinking Water System is required before the proposed amendments can be approved by the Province.

CLEAN WATER ACT REQUIREMENTS - AMENDMENTS TO THE ASSESSMENT REPORT AND SOURCE PROTECTION PLAN

DISCUSSION

1. Background

The *Clean Water Act, 2006* (the *Act*) directed the preparation of science-based assessment reports and local source protection plans to protect municipal sources of drinking water. The *Act* allows for amendments to be made to assessment reports and source protection plans. Amendments that are appropriate to make under Section 34 of the *Act* include ensuring that new municipal sources of drinking water are protected from contamination and overuse. Locally initiated amendments developed under Section 34 of the *Act* require consultation with stakeholders potentially affected by the proposed amendments and Council endorsement from affected municipalities. A municipality may be considered “affected” if it is located within a geographic area related to the amendments, and/or the municipality is responsible for taking actions or otherwise implementing source protection policies related to the amendments. This report is part of a series of mandated requirements when a municipality is proposing a new drinking water system or amendments to an existing system. In early 2020, staff will be reporting to Council with a more comprehensive update on the status of each of the Caledon groundwater systems.

All policies in the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan became effective on December 31, 2015. Any policy or mapping amendments approved since that date, does not change this effective date for the purposes of complying with the applicable significant drinking water threat policies.

2. New Regulatory Requirements and Implications

On July 1, 2018, a new regulation under the *Safe Drinking Water Act, 2002* (O. Reg. 205/18) came into effect. This new regulation requires that municipalities work with source protection authorities to ensure new or altered municipal residential drinking water systems are incorporated into source protection plans prior to drinking water being supplied. In response to these new regulatory requirements, the Region and Credit Valley - Toronto and Region - Central Lake Ontario (CTC) Source Protection Region staff worked in collaboration to complete and integrate new technical work, attached as Appendix I to this report, at the Caledon Village - Alton Drinking Water System (Alton Well 4A) into the CTC Source Protection Plan. New technical work included revisions to vulnerable area mapping, vulnerability assessment, and threats identification.

Alton Well 4A is a new production well completed in the proximity of Alton Well 4 and Alton Well 3. Currently, only Alton Well 3 is operational. Alton Well 4 has been out of service since December 2015 due to water quality concerns related to turbidity and was decommissioned in May 2019. Alton Well 4A is a direct replacement well to address Alton Well 4 performance issues and ensure the long-term system reliability and security of the municipal supply. To ensure that the protective policies in the Credit Valley - Toronto and Region - Central Lake Ontario (CTC) Source Protection Plan apply to the most vulnerable areas around these drinking water wells, the technical work needs to be incorporated into the Credit Valley Assessment Report. The Region cannot supply drinking water from the new Alton Well 4A until the technical work has been approved by the Minister of the Environment, Conservation and Parks in a revised CTC Source Protection Plan.

CLEAN WATER ACT REQUIREMENTS - AMENDMENTS TO THE ASSESSMENT REPORT AND SOURCE PROTECTION PLAN**3. Current State and Next Steps**

On September 11, 2019, the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Region staff concluded a mandatory public consultation period. This included engagement and consultation with municipal stakeholders and landowners. Notices and correspondence were directed to the Region and the Town of Caledon, as well as all landowners identified as potentially taking part in activities considered significant drinking water threats in the new delineated wellhead protection area for Alton. Regional Council's endorsement in support of the new technical work related to the Caledon Village - Alton Drinking Water System is required before the proposed amendments can be approved by the Province.

The drilling of the new Alton Well 4A resulted in new wellhead protection areas which were not identified when the Credit Valley - Toronto and Region - Central Lake Ontario (CTC) Source Protection Plan became effective. In other words, policies in the CTC Source Protection Plan that prohibit a "future" threat activity, would now apply to any development application that may have been received and approved on or after December 31, 2015 and located within the vulnerable areas for the new well. Region staff verified that no landowners or business owners have been impacted by the prohibition policies in the CTC Source Protection Plan at this time.

The CTC Source Protection Region staff plan to submit the proposed amendments to the Province for approval the week of October 7, 2019. The notice of approval of the assessment report and source protection plan will be posted on the Environmental Registry of Ontario.

RISK CONSIDERATIONS

The water supply reliability in the community of Alton would be compromised if Alton Well 4A cannot be brought online. The proposed technical amendments to the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan were completed as a condition for the permitted operation of Alton Well 4A.

CONCLUSION

This report has been prepared to obtain the necessary Resolution from Regional Council supporting the proposed technical amendments completed at the Caledon Village - Alton Drinking Water System (Alton Well 4A) and carried out under Section 34 of the *Clean Water Act, 2006* to the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan. Region staff will report back to Council, as necessary, on any additional obligations or authorizations required under the *Act*.



Andrew Farr, Acting Commissioner of Public Works

**CLEAN WATER ACT REQUIREMENTS - AMENDMENTS TO THE ASSESSMENT REPORT
AND SOURCE PROTECTION PLAN**

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I Amended Figures/Mapping

For further information regarding this report, please contact Therese Estephan, Advisor Source Water Protection, ext. 4339 therese.estephan@peelregion.ca.

Authored By: Therese Estephan, Advisor Source Water Protection/Risk Management Official

Reviewed in workflow by:

Financial Support Unit

**APPENDIX I – AMENDED FIGURES/MAPPING
CLEAN WATER ACT REQUIREMENTS –
AMENDMENTS TO THE ASSESSMENT REPORT AND SOURCE PROTECTION PLAN**

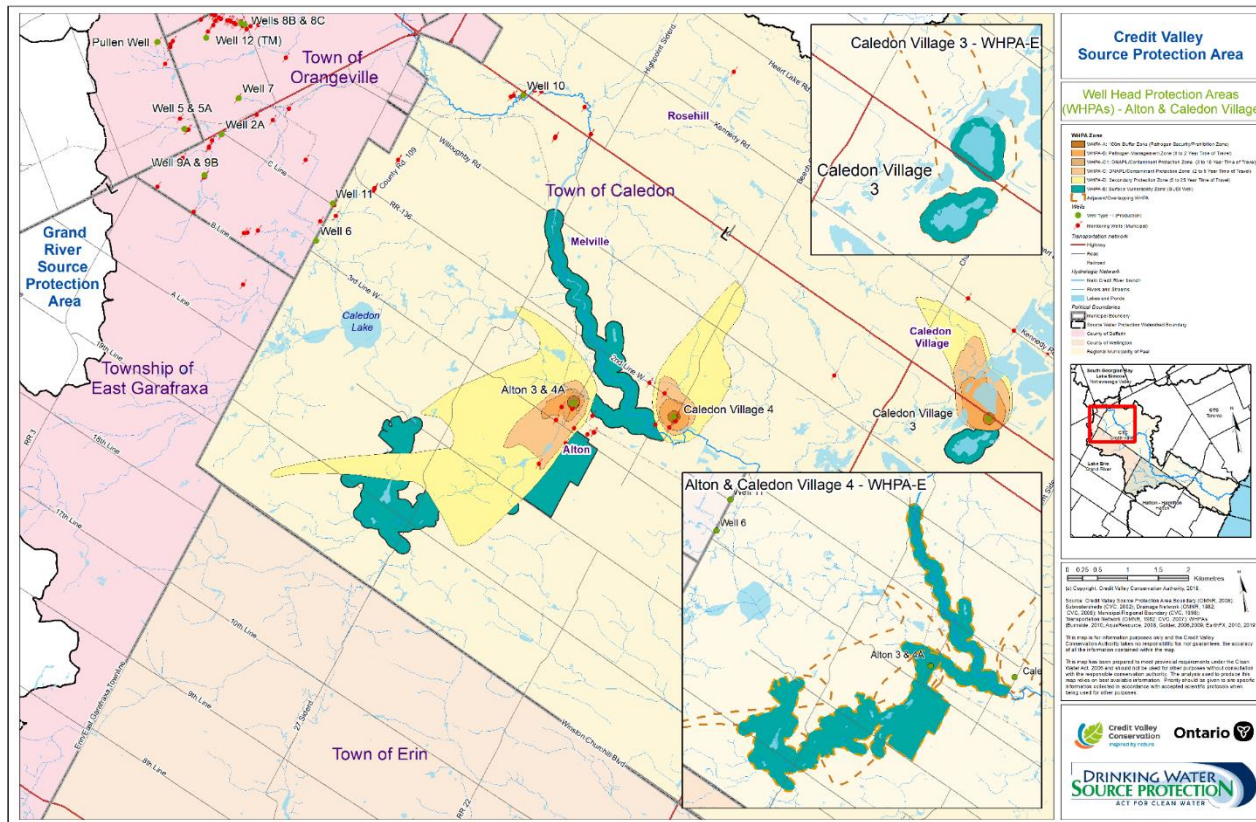


Figure 1: Wellhead Protection Areas (WHPAs) – Caledon Village – Alton

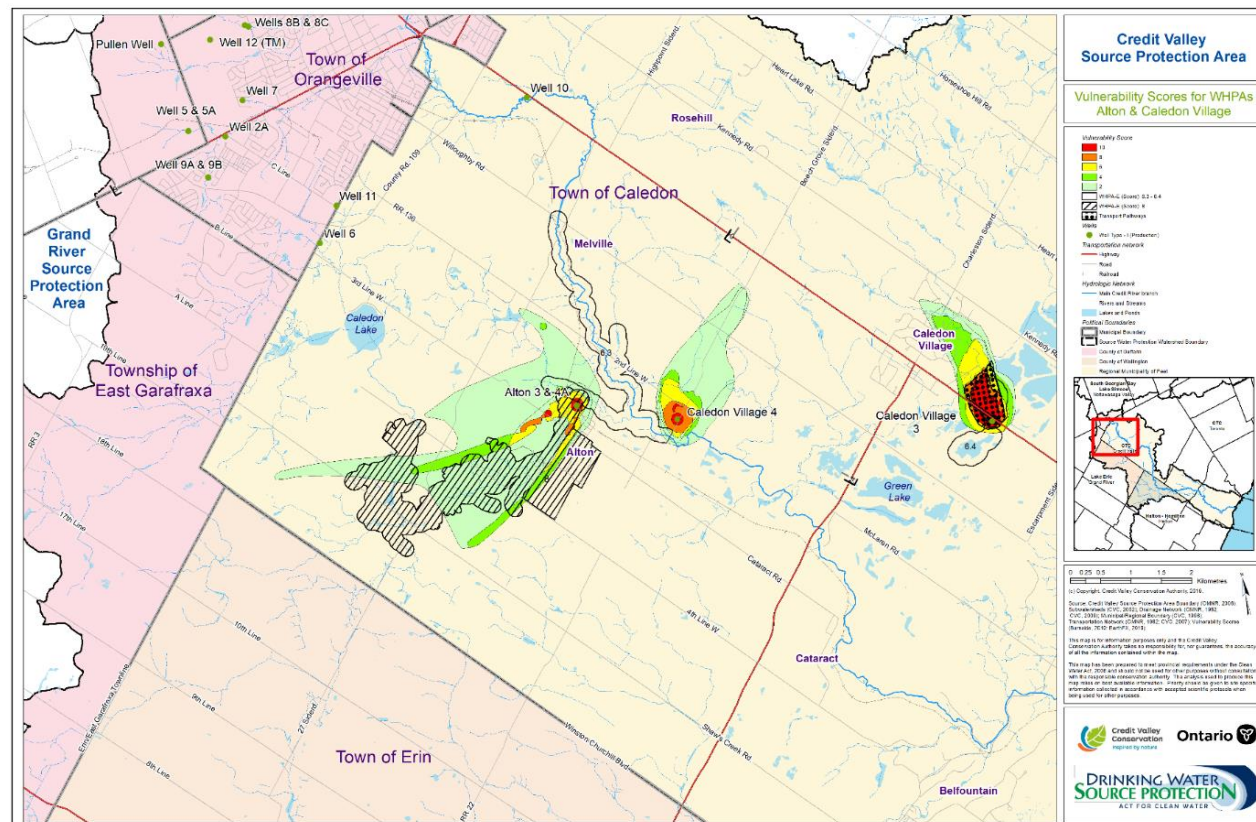


Figure 2: Vulnerability Scores for Wellhead Protection Areas (WHPAs) – Caledon Village – Alton



THE REGIONAL MUNICIPALITY OF PEEL

WASTE MANAGEMENT STRATEGIC ADVISORY COMMITTEE

MINUTES

WMSAC - 3/2019

The Region of Peel Waste Management Strategic Advisory Committee met on October 3, 2019 at 11:03 a.m., in the Regional Council Chambers, 5th Floor, Regional Administrative Headquarters, 10 Peel Centre Drive, Suite A, Brampton, ON.

Members Present: G.S. Dhillon♦; N. Iannicca♦; J. Innis; J. Kovac; M. Mahoney; M. Palleschi; I. Sinclair*; R. Starr

Members Absent: P. Fortini, due to other municipal business; A. Groves, due to illness; K. Ras, due to personal matters

Also Present: N. Polsinelli, Interim Chief Administrative Officer; S. Baird, Commissioner of Digital and Information Services; C. Matheson, Commissioner of Corporate Services; S. VanOfwegen, Commissioner of Finance and Chief Financial Officer; P. O'Connor, Regional Solicitor; A. Farr, Acting Commissioner of Public Works; J. Sheehy, Commissioner of Human Services; C. Granger, Acting Commissioner of Health; K. Lockyer, Regional Clerk and Director of Legal Services; N. Lee, Director, Waste Management; S. Jurrius, Committee Clerk; S. Herod, Legislative Assistant; S. MacGregor, Legislative Assistant

Chaired by Councillor R. Starr.

1. DECLARATIONS OF CONFLICT OF INTEREST – Nil

2. APPROVAL OF AGENDA

RECOMMENDATION WMSAC-8-2019:

That the agenda for the October 3, 2019 Waste Management Strategic Advisory Committee meeting be amended to include an oral presentation regarding recycling, to be dealt with under Reports – Item 4.6;

And further, that the agenda for the October 3, 2019 Waste Management Strategic Advisory Committee meeting be approved, as amended.

* See text for arrivals

♦ See text for departures

3. DELEGATIONS – Nil**4. REPORTS****Additional Item – Item 4.6 was dealt with.****4.6. Recycling: Is It Worth It? (Oral)**

Presentation by Norman Lee, Director, Waste Management

Received

RECOMMENDATION WMSAC-9-2019:

That the Region of Peel support the development of a province-wide strategy to reduce problematic or unnecessary single use plastics;

And further, that Regional staff participate in discussions with the Ministry of the Environment, Conservation and Parks; the Retail Council of Canada; the Association of Municipalities of Ontario; the Cities of Brampton and Mississauga; the Town of Caledon; Peel MPPs and other stakeholders to develop a harmonized province-wide strategy to reduce problematic or unnecessary single-use plastics.

Councillor Sinclair arrived at 11:07 a.m.

Norman Lee, Director, Waste Management, provided an update on recent developments and articles from the Toronto Star and CBC's Marketplace that questioned the need for recycling. Since the publications were released, Regional staff received several calls from residents who expressed concern.

Norman Lee stated that Peel's recycling program has been successful – the blue box program has a recovery rate of over 90 per cent based from monthly audits. In Peel Region, 83 percent of the materials collected goes to recyclable markets and only 17 per cent goes to landfill. Approximately 64 per cent of the recyclable material from multi-residential buildings is placed in the garbage by residents and goes straight to landfill, where only 36 per cent are recycled. Norman Lee advised that more work is needed to improve recycling requiring solutions at the provincial and federal levels of government. Staff recommends that the Region continue engagement in and support of National Plastics Strategy and Provincial Blue Box Transition, 3Rs Regulations, Food and Organic Waste Policy and Plastics Strategy.

Norman Lee informed the Committee that the Retail Council of Canada sent a letter to the Minister of the Environment, Conservation and Parks requesting the province to develop a province-wide single-use plastic policy.

Councillor Palleschi stated that, prior to construction of homes or buildings within the jurisdiction of the Region of Peel, Regional and local municipal staff should have a conversation with local contractors and businesses regarding proper recycling.

The Regional Chair was requested by the Committee to write a letter to the Toronto Star and the CBC highlighting Peel's waste management efforts and to emphasize the importance of recycling.

Councillor Innis requested that Regional staff provide key messages that Council can share to the community via Twitter.

Councillor Mahoney requested that Regional staff report back to the Committee with an update on banning single-use plastics at Regional and local municipal facilities; and, provide Committee with a project update on the Multi-Residential Enforcement Strategy pilot project. He stated that other municipalities, such as Ancaster, have implemented single-use plastics policies and he suggested that Regional staff reach out to other jurisdictions to use as a benchmark for Peel.

Councillor Sinclair suggested that responses to the article include information on landfill capacity and the loss of farmlands due to landfills.

Regional Chair Iannicca informed the Committee that the Minister of the Environment, Conservation and Parks has invited Peel senior staff; the Regional Chair; and the Chair and Vice-Chair of the Waste Management Strategic Advisory Committee, to discuss waste issues in Peel.

In response to suggestions from Councillor Starr, Norman Lee stated that Regional staff will prepare articles for the Councillors' newsletters to reinforce the waste management initiatives and proper recycling in Peel on a quarterly basis.

Regional Chair Iannicca suggested that the Association of Municipalities of Ontario (AMO) be invited to the discussions with the Ministry and other stakeholders on single-use plastics.

Councillor Innis requested that the future report regarding completion of the Multi-Residential Enforcement Strategy (the Strategy) pilot project include information on a communication strategy; a step by step process as it relates to the roles of the Region and local municipalities; planning and development charge implications; measures to ensure ease of use by the residents; and track measures of participation.

Councillor Mahoney requested that the local municipalities and Peel MPPs be invited to the discussions with the Ministry and other stakeholders on single-use plastics policy.

Item 4.4 was dealt with.

4.4. **Update on the Transition of the Blue Box Program to Full Producer Responsibility**

RECOMMENDATION WMSAC-10-2019:

That the Regional Chair, on behalf of Regional Council, write to the Minister of the Environment, Conservation and Parks to thank him for moving the Blue Box transition forward and to reiterate Peel's position on key points as described in the report of the Acting Commissioner of Public Works titled "Update on the Transition of the Blue Box Program to Full Producer Responsibility".

Councillor Dhillon departed at 12:14 p.m.

4.1. **Waste Management Proposed Fees Increases and Community Recycling Centre (CRC) Public Consultations (Oral)**

Presentation by Norman Lee, Director, Waste Management and Erwin Pascual, Manager, Waste Planning

Received

Norman Lee, Director, Waste Management and Erwin Pascual, Manager, Waste Planning provided a high-level overview of the proposed fee increases to community recycling centre tipping fees, garbage bag tags and agricultural compost sales sold directly at the Peel Curing Facility. Subject to the Committee's approval, the proposed fee increases will be included in the 2020 Region of Peel budget submission and a communication strategy will be in place to notify residents of the changes to the fee structures.

Erwin Pascual gave an overview of the public consultation approach to engage Peel residents for feedback on potential service improvements and changes from the Community Recycling Centre Optimization Study. Feedback from the public consultation will be used to modify the potential service or policy changes; to finalize the Community Recycling Centre Optimization Study; and to develop implementation and communication plans for the changes.

In response to a question of clarification from Councillor Innis, Norman Lee stated that Peel is one of the last municipalities in Ontario that collects grass clippings as acceptable yard waste material. He said that Regional staff intends to report to the Committee next year with a proposal to remove grass clippings as acceptable yard waste material, including a proposed communication strategy to the public regarding the change in service. He advised that, should Council decide to eliminate this service, the Region will realize cost savings of approximately half a million dollars each year.

Councillor Innis stated that other Regional programs and services would benefit from the savings from grass clippings and requested that staff immediately proceed with the recommendation to remove this service for the Committee's review.

In response to questions of clarification from Councillor Starr, Norman Lee stated that should Council approve the proposed waste management fee increases, the Region would generate an additional \$1.5 million in revenues per year for community recycling centre fee changes; \$267,000 in revenues per year for garbage bag tags; and, \$95,000 in revenue per year for agricultural compost sales.

Members of the Committee expressed concerns with the proposed waste management fee increases. The Committee directed staff to review and report back on the following matters:

- Consider adding cost of living increases as it relates to the overall waste management fees;
- Consider incrementally increasing waste management fees versus a one-time significant increase proposed by staff;
- Impacts of changing the fees for agricultural compost sales;
- Find solutions to minimize illegal dumping such as utilizing a swipe card that could allow contractors to dispose garbage at community recycling centres;
- Recommendations and proposed communication strategy to remove grass clippings as acceptable yard waste materials; and,
- Feasibility of providing lower fees for senior citizens.

Andrew Farr, Acting Commissioner of Public Works, suggested that the report listed as Item 4.2 on the October 3, 2019 Waste Management Strategic Advisory Committee agenda be deferred to the next meeting of the Committee to allow staff to take into consideration the comments received from the members.

4.2. **Proposed Waste Management Fee Increases**

RECOMMENDATION WMSAC-11-2019:

That the report of the Acting Commissioner of Public Works, titled "Proposed Waste Management Fee Increases", be deferred to the next Waste Management Strategic Advisory Committee meeting.

4.3. **Community Recycling Centre Optimization Study and Public Consultation Plan Update**

RECOMMENDATION WMSAC-12-2019:

That the public consultation approach to engage Peel residents for feedback on potential service improvements and changes from the Community Recycling Centre Optimization Study as described in the report from the Acting Commissioner of Public Works titled "Community Recycling Centre Optimization Study and Public Consultation Plan Update" be endorsed.

4.4. **Update on the Transition of the Blue Box program to Full Producer Responsibility**

This item was dealt with earlier in the meeting.

4.5. **Lakeview Village - Update on Vacuum Waste Collection System Investigation, City of Mississauga, Ward 1**

Received

Regional Chair Iannicca departed at 1:02 p.m., due to other municipal business.

Norman Lee, Director, Waste Management, advised that staff received the preliminary costing from the developer and determined that it is a very expensive system. Regional staff are reviewing the financial implications, potential cost sharing from all parties and finding solutions to make the project work.

4.6. **Recycling: Is It Worth It? (Oral)**

Presentation by Norman Lee, Director, Waste Management

This item was dealt with earlier in the meeting.

5. **COMMUNICATIONS – Nil**

6. **IN CAMERA MATTERS – Nil**

7. **OTHER BUSINESS – Nil**

8. **NEXT MEETING**

The next meeting of the Waste Management Strategic Advisory Committee is scheduled for Thursday, November 7, 2019 at 1:00 p.m. - 3:00 p.m., Regional Administrative Headquarters, Council Chamber, 5th floor, 10 Peel Centre Drive, Suite A, Brampton, ON.

Please forward regrets to Stephanie Jurrius, Committee Clerk, (905) 791-7800, extension 4502 or at stephanie.jurrius@peelregion.ca.

9. **ADJOURNMENT**

The meeting adjourned at 1:10 p.m.



5 Shoreham Drive, Downsview, ON M3N 1S4
T. 416-661-6600 | info@trca.on.ca

CTC Source Protection Region

Source Protection Committee

SENT VIA E-MAIL

September 3, 2019

Region of Peel

Attention: Kathryn Lockyer, Regional Clerk

10 Peel Centre Drive, Suite A and B,

Brampton, ON L6T 4B9

Email: regional.clerk@peelregion.ca

RECEIVED

September 3, 2019

REGION OF PEEL
OFFICE OF THE REGIONAL CLERK

RE: AMENDMENTS TO CREDIT VALLEY – TORONTO AND REGION – CENTRAL LAKE ONTARIO (CTC) SOURCE PROTECTION PLAN

Notification of Consultation Pursuant to Sections 34(2) and 34(3) of the *Clean Water Act, 2006* and *Ontario Regulation 287/07*

Written Comments due by Wednesday, September 11, 2019 or after the Council Meeting when this matter is discussed.

Dear Council and Staff:

The Credit Valley – Toronto and Region – Central Lake Ontario (CTC) Source Protection Plan was approved by the Minister of the Environment, Conservation, and Parks in July 2015 and came into effect on December 31, 2015. A first amendment to the Plan was approved by the Minister in March 2019. The Credit Valley Source Protection Authority (SPA) is proposing a second amendment to the CTC Source Protection Plan under Section 34 of the *Clean Water Act, 2006* to incorporate new technical work completed at the Alton Wellfield, part of the Caledon Village – Alton Drinking Water System. Over the past several months, Credit Valley Conservation staff have been working with Peel Region staff to finalize this amendment.

BACKGROUND

The *Clean Water Act, 2006* and its associated regulations prompted the formation of the CTC Source Protection Committee (SPC). The mandate of this Committee was to undertake a technical assessment of current sources of municipal drinking water in the CTC Source Protection Region. The Committee identified vulnerable areas, as well as existing and future drinking water threats that may impair the long-term sustainability of these sources. To address potential existing and future significant drinking water threats to these vulnerable areas, the Committee then prepared the CTC Source Protection Plan. The Plan outlines policies to manage or prohibit certain activities in areas where they could result in impairment to water quality and quantity.

Section 34 of the *Clean Water Act, 2006* provides a source protection authority with the option to amend the source protection plan. Typically, these amendments cannot wait until the comprehensive update to the source protection plan under Section 36 and do not qualify as minor administrative amendments under section 51. When

(Copies of Attachments 1 to 5 are available from the Office of the Regional Clerk for viewing)

REFERRAL TO _____

RECOMMENDED _____

DIRECTION REQUIRED _____

RECEIPT RECOMMENDED _____

9.1-2

an amendment is proposed to a source protection plan, there are several opportunities to engage affected stakeholders. **Given the short time period between when construction at this drinking water system is expected to be complete and when the Region of Peel desires to supply drinking water to residents, the regulatory requirements within Ontario Regulation 287/07 to consult with impacted bodies (pre-consultation) is happening concurrently with broader public consultation.**

REQUEST FOR MUNICIPAL COUNCIL RESOLUTION

A requirement of the endorsement process for amendments carried out under Section 34 of the *Clean Water Act, 2006*, is the acquisition of a municipal council resolution from each municipality **affected by the amendments**. A municipality may be considered “affected” if it is located within a geographic area related to the amendments, and/or the municipality is responsible for taking actions or otherwise implementing source protection policies related to the amendments. **A municipal council resolution is requested from the Region of Peel endorsing these amendments.** Since Regional Council is not expected to meet before the end of the Public Consultation period, arrangements have been made with the Ministry of the Environment, Conservation and Parks to submit the resolution following discussion expected to take place at the **October 24, 2019 Regional Council** meeting.

IMPACT ON REGIONAL MUNICIPALITY OF PEEL

The following policies in the CTC Source Protection Plan would apply to existing and future drinking water threats in the vulnerable areas delineated for Alton Well 4A.

Threat Reference	Policy Reference
General Policies	GEN-1; GEN-2; GEN-3; GEN-4; GEN-5; GEN-8
Waste	WST-1; WST-2; WST-6
Sewage System	SWG-2
Agricultural Source Material	ASM-2; ASM-4
Non-Agricultural Source Material	NASM-1; NASM-2
Livestock Grazing	LIV-1; LIV-3
Fertilizer	FER-2; FER-3; FER-4
Pesticide	PES-1; PES-2; PES-4
Road Salt	SAL-1; SAL-2; SAL-7; SAL-8; SAL-12; SAL-13
Snow Storage	SNO-1
Fuel	FUEL-3; FUEL-4
Dense Non-Aqueous Phase Liquids	DNAP-1; DNAP-2; DNAP-3
Organic Solvents	OS-1; OS-2; OS-3
Aircraft De-icing	DI-1; DI-2

REFERENCE MATERIAL

An area of the CTC Source Protection Region website (<https://ctcswp.ca/the-science/notice-of-amendments/>) has been prepared to document the proposed amendments to the CTC Source Protection Plan. This website has information pertaining to the CTC Source Protection Region and the CTC Source Protection Committee, as well as other reference material.

NEXT STEPS

Once the Public Consultation period ends on September 11, 2019, written comments will be reviewed and if necessary, changes made to the Source Protection Plan text and mapping. Following endorsement by the Amendments Working Group, consisting of members of the CTC Source Protection Committee and municipal stakeholders, the revised CTC Source Protection Plan will be forwarded to the Credit Valley Source Protection Authority for authorization to submit the documents to the Ministry of the Environment, Conservation, and Parks. The amendments will be considered by the Ministry for approval.

REQUEST FOR WRITTEN COMMENTS

At this time, we welcome your feedback on the proposed amendments in writing. These comments can be sent to my attention at 101 Exchange Avenue, Vaughan, Ontario, L4K 5R6, via facsimile at 416.661.6898, or by email (sourcewater@trca.ca) by **5:00 pm on Wednesday, September 11, 2019 or alternatively following the Council Meeting when this matter is discussed**. If you require further information, please do not hesitate to contact us (sourcewater@trca.ca or 416.661.6600 Ext. 5633).

Thank you, in advance, for your continued support and participation in efforts to protect our sources of drinking water.

Best regards,



Jennifer Stephens
Program Manager, CTC Source Protection Region
jennifer.stephens@trca.ca
416.661.6600 Ext. 5633

Attachment 1: Notice – Public Consultation on Amendments to Approved CTC Source Protection Plan

Attachment 2: List of Proposed Amendments to the CTC Source Protection Plan.

Attachment 3: List of Proposed Amendments to the Credit Valley Assessment Report

Attachment 4: Consultation Summary Document - Outlines text from the Credit Valley Assessment Report which has changed as a result of the new Alton well becoming operational, as well as all revised figures from both the Assessment Report and the Source Protection Plan.

Attachment 5: Comparison – Wellhead Protection Areas – Caledon Village – Alton Drinking Water System

Cc: Andrew Farr, CTC Source Protection Committee
Therese Estephan, Risk Management Official

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**ITEMS RELATED TO
HEALTH**

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DATE: October 17, 2019

REPORT TITLE: **PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK**

FROM: Cathy Granger, Acting Commissioner of Health Services

RECOMMENDATION

That the recommended Response Time Framework for Peel Regional Paramedic Services for the year 2020, as described in the report titled “Paramedic Services 2020 Response Time Framework,” be approved.

REPORT HIGHLIGHTS

- Land ambulance delivery agents are required to set response time standards for their municipality each year and to communicate them to the Ministry of Health (Ontario Regulation 267/08, July 30, 2008).
- Based on provincial legislation, Regional Council has input into and approves the response time standards for Peel Paramedic Services for the coming year.
- Sudden Cardiac Arrest (SCA), Canadian Triage Acuity Scale (CTAS) 1 and 2 response times are the most critical calls.
- 2019 data (January to July) shows 10 seconds under target for CTAS 1 and 61 seconds over target for CTAS 2 – both improved from 2018. Paramedic Services continues to strive for improved targets through deployment strategies.
- Response times are impacted by call volume, deployment strategy, traffic congestion, offload delay, and the triage and dispatch of calls by Mississauga Central Ambulance Communications Centre, which is operated by the Ministry of Health. To assist in achieving the 2020 response times, staff recommendations in the 2020 budget will include two additional 24/7 ambulances as a strategy to maintain service levels, given the projected increase in call volume.
- In early 2020, staff will be coming to Council to present the 10 year capital plan update which will also address call volume.
- The recommended 2020 Response Time Framework has been adjusted to better address CTAS 2 level patients. The percentile capture rate is being reduced to the 80th percentile from the 90th.

DISCUSSION

1. Background

All paramedic services in Ontario are legislated by the Ministry to set an annual Response Time Framework. Land ambulance delivery agents are required to set response time standards for their municipality for the upcoming year and to communicate them to the Ministry of Health by October 31 (Ontario Regulation 267/08, July 30, 2008).

PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

Response time is defined as the time when a paramedic is notified (assigned a call) to when a crew arrives on-scene to provide services to patients. The response time is then classified per the paramedic's initial assessment of the patient based on the Canadian Triage Acuity Scale (CTAS) (Beveridge, 1999; Bullard, 2017).

The Ministry sets the response time criteria for Sudden Cardiac Arrest (SCA) and CTAS 1, which are the most critical calls. Regional Council establishes response times for CTAS 2 to CTAS 5 and the percentile targets for SCA and all CTAS levels. Performance reporting against the response times targets to both the Ministry and Council is done on an annual basis.

Response times and percentile capture rates are based on the relative urgency of each type of call, which is categorized by the CTAS Scale and SCA established by the paramedic's assessment of a patient. There are six call severity categories:

CTAS Scale – This scale is a standard medical triage system that divides patients into five categories (CTAS 1 to CTAS 5). CTAS is currently used by paramedics and at all hospitals.

SCA – This is the amount of time from notification of call of suspected cardiac arrest to when a defibrillator is at the side of a patient. The clock stops when a bystander, emergency responder or paramedic first applies the defibrillator to the patient.

A large body of historical data including Peel's overall call volume, response timeframes, comparator Paramedic Services response standards, and cardiac arrest data (based on evidence from Fire Services and Public Access Defibrillation program) forms the foundation for the response time targets. Data from the first seven months of the current year (2019) supplements the historic data and helps determine if any modifications should be made to the response time framework.

2. Findings - 2019 Response Times

Getting to a patient suffering with a sudden cardiac arrest quickly is paramount to the survival outcome of the patient. Having a bystander or first responder start CPR and apply a defibrillator prior to paramedic arrival enhances their chance of survival. Paramedic Services continues to be a leader in response to cardiac arrest and exceeds the 6-minute time line above 70 per cent and does not recommend any change to this measure.

SCA and CTAS 1 and 2 response times are the most critical calls for which paramedics need to respond and provide care in a timely manner. Together, these calls account for approximately 25 per cent of total transports to hospital. The 2018 CTAS 1 response time was 27 seconds over the target of 8 minutes and CTAS 2 response time was 77 seconds over the target of 10 minutes (Table 1).

2019 data (January to July) shows 10 seconds under target for CTAS 1 (an improvement of 37 seconds from 2018) and 61 seconds over target for CTAS 2 (16 second improvement from 2018). These are trending in the correct direction however, work continues to address CTAS 2 calls which are still above Council approved targets.

10.1-3

PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

CTAS 3 calls account for most transports to hospital (approximately 66 per cent) and Paramedic Services are within the current framework. The same is true for CTAS 4 and 5 transports that represent approximately 9 per cent of activity. These measures remain within Council approved targets (Table 1).

Table 1
Response Time Targets and Performance - 2018 and January to July 2019

Level of Acuity <i>(Targets for Sudden Cardiac Arrest and CTAS 1 are set by Ministry of Health and Long-Term Care)</i>	2018 Actual Time	2018 Actual %	2019 Council Approved Target Time	2019 Council Approved Target %	2019* Actual Time	2019* Actual %
Sudden Cardiac Arrest (SCA)** (Patient has no vital signs)	4:28	87%	6:00	70%	4:48**	88%**
CTAS 1 (Critically ill or have potential for rapid deterioration)	8:27	70%	8:00	75%	7:50	77%
CTAS 2 (Potential to life, limb or function, requiring rapid medical intervention, controlled acts)	11:17	84%	10:00	90%	11:01	86%
CTAS 3 (May progress to serious problem. Associated with significant discomfort or affecting ability to function)	11:42	94%	13:00	90%	11:16	95%
CTAS 4 (Conditions that would benefit from intervention or reassurance)	12:06	95%	14:00	90%	11:56	95%
CTAS 5 (Non urgent, chronic, without evidence of deterioration)	12:19	94%	14:00	90%	12:18	94%

*2019 CTAS data is based on January 1 to July 31, 2019.

**This SCA data is based January 1 to March 31, 2019 only.

Factors that impact response time by paramedic services include:

- Increase of call volume - Over the past ten years the average call volume growth rate has been 5.8 per cent and this forms the basis for planning. Most recent years (2016, 2017 and 2018) have been at record high levels, 9.3 per cent, 9.0 per cent and 9.1 per cent respectively. Call volume growth for 2019 is trending at 4.1 per cent and 3.9 per cent for 2020. The increase in call volume equates to approximately

PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

5,600 more emergency calls for the system to manage in 2020. To manage this additional volume of calls in 2020, two additional 24/7 ambulances will be required to ensure that call demand is met and patient outcomes are maintained.

These volume increases are comparable to other Paramedic Services in the Greater Toronto Hamilton Area. In early 2020, staff will be coming to Council to present the 10 year capital plan update which will also address call volume.

- Offload delay continues to affect the program though there have been significant improvements over the past number of years through partnership with Peel's three area hospitals. The Ministry of Health has yet to formally extend the 'offload nursing program' funding at 100 per cent for 2020 but has verbally committed to extending this program.
- Misalignment of triage of emergency calls by the Ministry of Health, Mississauga Central Ambulance Communications Centre and the CTAS criteria used by paramedics. In the absence of a robust, evidence-based triage tool the dispatch centre continues to send a large portion of call responses out as 'life threatening' (over 70 per cent in 2018). Required by legislation to respond without delay, these calls place a high demand on the system and gets paramedics quickly to scenes of low acuity calls just as fast as the high acuity calls.

3. Proposed Direction – 2020 Response Time Framework Recommendation

Since the response time framework was introduced in 2008, Peel Regional Paramedic Services has maintained the original set targets. Other comparable services across the province, however, have made adjustments.

Below is Table 2, showing Peel's 2019 Response Time Targets compared with municipal targets set by other similar size services in Ontario.

Table 2 – Response Time Targets Set by Peel and Other Municipalities for 2019

2019	Peel		Durham		Halton		Toronto		Ottawa		Simcoe		York	
	Time	%	Time	%	Time	%	Time	%	Time	%	Time	%	Time	%
SCA	6	70	6	60	6	55	6	75	6	65	6	55	6	60
CTAS 1	8	75	8	75	8	75	8	75	8	75	8	60	8	75
CTAS 2	10	90	10	75	10	75	10	75	10	75	10	70	10	80
CTAS 3	13	90	15	75	15	75	15	75	15	75	15	85	15	90
CTAS 4	14	90	20	75	20	75	20	75	20	75	20	90	20	90
CTAS 5	14	90	25	75	25	75	25	75	25	75	25	90	25	90

PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

Based on a comparison analysis with other Paramedic Services, staff are recommending a minor adjustment to the response framework for CTAS 2 percentile capture for 2020 (see Table 3).

The proposed response time framework recommended for 2020 is outlined in Table 3 with the only change from 2019 being a reduction from 90 per cent to 80 per cent in the percentage of CTAS 2 calls that are met within 10 minutes. This is still the highest percentage target among comparator services.

Table 3 - Recommended 2020 Standards

Level of Acuity	Time	Current %	Proposed %
Sudden Cardiac Arrest	6 minutes (fixed time)	70%	70%
CTAS 1	8 minutes (fixed time)	75%	75%
CTAS 2	10 minutes	90%	80%
CTAS 3	13 minutes	90%	90%
CTAS 4	14 minutes	90%	90%
CTAS 5	14 minutes	90%	90%

4. Dispatch Improvements

Upgrades at the central ambulance communication centre (dispatch) to computer aided dispatch technology will be rolled out at the beginning of 2020 and it is anticipated that the new dispatch triage tool will be in place towards the end of 2020.

The introduction of a new triage tool for calls will have the largest impact on response time. Paramedic Services will see a reduction in the amount of red lights and siren type calls, which is about 70% at this time. This means the system does not have to always be moving at a rapid pace to respond to calls and provides time for coverage to areas of high priority.

These changes have the potential to positively impact response times by giving paramedic services the ability to more closely monitor and respond to system demand.

Once these changes are fully implemented, and the system has time to adapt and adjust, there will be a positive outcome with how Paramedic Services are delivered. Staff will continue to monitor response times through the remainder of 2019 and into 2020 and, if necessary, will bring an update report to Regional Council regarding any implications to the response time framework as a result of dispatch improvements.

5. Next Steps

With the implementation of the Divisional model for Paramedic Services staff have seen a positive shift in response times for the majority of calls. The program will also continue to seek out strategies to address the highest acuity level (greatest patient need). Modifications and adjustments to the deployment strategy are ongoing. This work guides dispatch to optimally position ambulance resources where the call demand is likely to occur. In addition, staff aim to maintain a one-minute reaction time (from call notification to depart station) for the most urgent calls (red lights and sirens).

PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

Tiered response agreements with partners in Fire and Emergency Services are in place for sudden cardiac arrest and some CTAS 1 and 2 type calls. Through the management of other initiatives such as offload delay process improvements, patient diversion strategies and paramedic resource management (e.g. adjustments to deployment plan), staff are confident they will meet these new targets.

Staff are currently engaged in discussions with the Greater Toronto Airport Authority regarding alternative models that would provide emergency coverage for the airport in a more efficient manner. Approximately 5,400 calls per year are responded to and 60% are cancelled and do not require transport to hospital. Ongoing dialogue needs to continue to address these issues and further updates will come to Council in early 2020.

FINANCIAL IMPLICATIONS

To assist in achieving the 2020 response times, staff will be recommending in the 2020 budget to include two additional ambulances (24/7) to maintain service levels with the projected increase in call volume of an additional 5,600 calls. Fifty per cent of these costs are eligible for provincial funding through 2020/2021.

Staff will monitor the financial impacts of dispatch reform and system improvements that will support requests for additional ambulances in 2020 and beyond.

CONCLUSION

As quality response times lead to good health outcomes for the residents of Peel, it is recommended that Council approve the proposed response time standards for 2020 as they are based on best available call information and medically based practices currently utilized in Peel. In so doing, Peel Region will maintain its position of having the most robust response times and targets in the province.

Staff will continue to monitor response times and growth impacts and if required will report back to Council with recommendations to address these trends in 2020.

Paramedic Services remains committed to delivering the highest standard of care in Ontario and continues to implement process improvements and strategies to meet Council approved response times.

Cathy Granger

Cathy Granger, Acting Commissioner of Health Services

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

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PARAMEDIC SERVICES 2020 RESPONSE TIME FRAMEWORK

For further information regarding this report, please contact Peter F. Dundas, Chief, Peel Regional Paramedic Services, Peter.Dundas@PeelRegion.ca, Ext 3921.

*Authored By: Lincoln Bryant, Program Support Analyst, PRPS
Reviewed in workflow by: Financial Support Unit*

DATE: October 15, 2019

REPORT TITLE: **ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS**

FROM: Cathy Granger, Acting Commissioner of Health Services
Jessica Hopkins, MD MHScc CCFP FRCPC, Medical Officer of Health

RECOMMENDATION

That upon the Ministry of Health’s approval of the Region of Peel’s application for \$5,577,000 in one-time capital funding, seven new capital projects be established, as described in Appendix I to the report of the Commissioner of Health Services, titled “Ontario Seniors Dental Care Program: Capital Funding Requests”.

REPORT HIGHLIGHTS

- The new Ontario Seniors Dental Care Program (‘Provincial program’) for low income seniors is expected to launch in fall 2019.
- The province has provided public health units with an opportunity to apply for one-time capital funding for development of new dental infrastructure for the Provincial program.
- On August 7, 2019 Peel Public Health applied for \$5,577,000 to fund seven capital projects across Peel; decisions regarding funding requests are expected in fall 2019.
- Peel Public Health’s proposed capital projects include potential new infrastructure (three fixed dental clinics, one dental clinic within Peel Manor and one mobile dental clinic) and proposed sites for expanded infrastructure (Health n’ Smiles Dental Clinics at WellFort Community Health Services, and the East Mississauga Community Health Centre).
- Staff will report back on the success of the capital application.

DISCUSSION

1. Background

a) Implementing the Ontario Seniors Dental Care Program in Peel Region

The new Ontario Seniors Dental Care Program (‘Provincial program’) for low income seniors is expected to launch:

- Fall 2019 - through existing dental infrastructure; and
- Winter 2020 - expanding into underserved areas.

The Ontario Ministry of Health (‘Ministry’) provided public health units with an opportunity to apply for one-time capital funding to support new dental infrastructure (total of \$25

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

million across the province is available). The Ministry will assess applications on three main criteria: local need, underserved areas and value for money.

Due to the short turnaround and summer timing for application, staff applied for the 100 per cent provincial funds prior to engaging Regional Council as the Board of Health. The understanding is that this capital fund will not be available on an ongoing basis and no information about state of good repair funding has been provided by the Ministry. Staff have acted to ensure Peel has an opportunity to access Provincial funding.

b) Planning Considerations for Ontario Seniors Dental Care Program in Peel

i) Underestimating Utilization

The Ministry estimates that the new Provincial program will provide 6,938 eligible Peel seniors with ongoing annual access to dental treatment. However, Peel Public Health anticipates the demand for the Provincial program to be far greater than the Ministry-provided number. To be eligible for the Provincial program, a senior must meet the Ontario Drug Benefit income threshold (less than \$19,300 for singles or \$32,300 for couples) and have no other forms of dental insurance. Utilizing Canadian Revenue Agency estimates of Peel seniors who meet the Ontario Drug Benefit eligibility, the percentage of uninsured seniors in Peel, and applying a 40 per cent utilization rate, approximately 16,391 seniors could receive dental services through the program annually.

ii) Seniors from Other Regions Accessing Peel Clinics

The Provincial program allows seniors to access services at any program-funded clinic in Ontario. There is a high likelihood that seniors from neighbouring municipalities could access services available in Peel. The surge in demand for oral health services in Peel will require increased capacity and enhanced infrastructure. Furthermore, there is no provision for private dental offices to provide services, as seniors will only be able to access services through publicly-funded dental clinics.

iii) Growing and Aging Population

As the population of seniors in Peel continues to rise, and most seniors do not have access to private dental insurance, additional infrastructure may be required to successfully deliver the Provincial program. This further highlights the need for one-time capital funding for new infrastructure being offered through the Ministry.

c) Existing Dental Infrastructure in Peel

Peel Public Health's existing oral health infrastructure (fixed clinics, satellite clinics, portable dental units, mobile dental bus) is being utilized at full capacity to provide the Healthy Smiles Ontario program to children and youth in Peel. Leveraging these capital assets to provide additional services under the Provincial program would compromise service delivery of the Healthy Smiles Ontario program for Peel's children and youth.

There is limited capacity available at the Community Health Centres in Peel, as they are currently delivering the Regional program. Peel Public Health has committed to providing a seamless transition for seniors currently enrolled in the Regional program. Therefore,

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

additional publicly-funded community infrastructure is required for implementing the new Provincial program. There is opportunity to utilize operational funds to complete the dental clinic rooms at the Four Corners Dental Clinic in Malton.

2. Capital Funding Requests

Peel Public Health completed an options analysis to determine how to meet Peel's community needs. As Peel's population continues to age and grow, the analysis considered current local need while also forecasting future need.

Peel Public Health has applied for \$5,577,000 to fund seven capital projects across Peel to meet current and future needs. The proposed capital projects include two main groups: 1) creating new infrastructure and 2) expanding on existing infrastructure (see Appendix I for projects and estimated costs). The capital requests prioritize building new infrastructure to address the current needs of seniors as well as to accommodate long-term demands. Each project has been evaluated and prioritized against four main criteria: senior density, underserved areas, value for money and accessibility (see Appendix II for definitions). Peel Public Health will receive up to \$3,912,800 in additional base funding to implement the Provincial program. This funding will be pro-rated for the 2019 funding year based on the implementation date determined by the Province. However, staff has notified the Ministry that current operational funding allotted is insufficient to implement the Provincial program.

a) New Infrastructure

Funding has been requested for five new dental clinics (fixed and mobile), however exact locations have not yet been determined. The proposed new dental clinics include:

- Three new fixed dental clinics to be constructed in the North, Central and West areas of the region (see Appendix III for map);
- One dental clinic to be constructed within the new Seniors Health and Wellness Village at Peel Manor; and
- One mobile dental clinic to provide services to hard-to-reach seniors (i.e., those with limited access to public transit).

b) Expansion of Current Infrastructure

Funding has been requested to increase capacity of the Community Health Centre dental clinics currently delivering the Regional program, including:

- Increasing the number of dental clinic rooms at East Mississauga Community Health Centre (from three to seven rooms) and WellFort Community Health Services in Brampton (from six to eight rooms).

c) Next Steps

Capital funding applications were submitted on August 7, 2019. The Ministry subsequently requested additional information to confirm readiness of local options for service provision, and that component of the application was re-submitted on September 17, 2019. The Ministry will select and approve smaller projects for direct funding. The Ministry will also select and approve larger projects to advance to a second stage in the

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

funding application process, where public health units will complete and submit a business case which will further describe design and costing details. After analysis of the business cases, the Ministry will select larger projects for funding.

FINANCIAL IMPLICATIONS

Peel Public Health has applied for one-time funding from the Ministry of \$5,577,00 (approximately \$4,554,000 to build new infrastructure and \$1,023,000 to expand and enhance its existing infrastructure). Peel Public Health will receive \$3,912,800 in additional base funding to implement the Provincial program. This funding is pro-rated to \$2,934,600 for the 2019-2020 funding year based on the implementation date determined by the Province.

CONCLUSION

The Provincial program is expected to launch in fall 2019. Peel Public Health's existing oral health infrastructure is currently being used at full capacity to provide the Healthy Smiles Ontario program to children and youth and to transition the Regional program. With significant demand expected, additional publicly-funded infrastructure is needed to implement the Provincial program. Therefore, Peel Public Health has applied for \$5,577,000 in one-time capital funding from the Ministry to fund seven capital projects across Peel. These projects include potential new infrastructure (i.e., fixed and mobile dental clinics) and proposed expansions to existing infrastructure (i.e., increased number of dental clinic rooms in Community Health Centres). Peel Public Health expects to proceed with a business case application and receive a decision on funding requests in fall 2019.



Cathy Granger, Acting Commissioner of Health Services



Jessica Hopkins, MD MHScc CCFP FRCPC, Medical Officer of Health

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I – Proposed capital projects and estimated costs

Appendix II – Criteria definitions

Appendix III – Map of Peel Senior Dental Program Client Hot Spots: Current State

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

Appendix IV – Capital funding application process

Appendix V – Map of Study Area for Ontario Seniors Dental Care Program

For further information regarding this report, please contact Paul Sharma, Director, Chronic Disease and Injury Prevention, ext. 2013.

Authored By: Sebastian van Gilst and Stephanie Tea, Chronic Disease and Injury Prevention Division

Reviewed in workflow by: Financial Support Unit

APPENDIX I**ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS****Proposed capital projects and estimated costs**

Build New Infrastructure		
Proposed Capital Project	Future State Description	Estimated Cost (\$)
Fixed Dental Clinics	Build three new dental clinics with five operatories each	3,198,000
Mobile Dental Clinic	Procure a dental bus with two operatories to provide services to hard-to-reach seniors	885,000
Peel Manor	Construct a dental clinic with two operatories and a sterilization area	471,000
Expand Current Infrastructure		
Proposed Capital Project	Future State Description	Estimated Cost (\$)
Health n' Smiles Dental Clinic (WellFort Community Health Services)	Convert existing clinic space from six to eight operatories	258,000
East Mississauga Community Health Centre (LAMP CHC)	Expand clinic from three to seven operatories in an unoccupied space	765,000
Total Capital Request (\$)		5,577,000

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

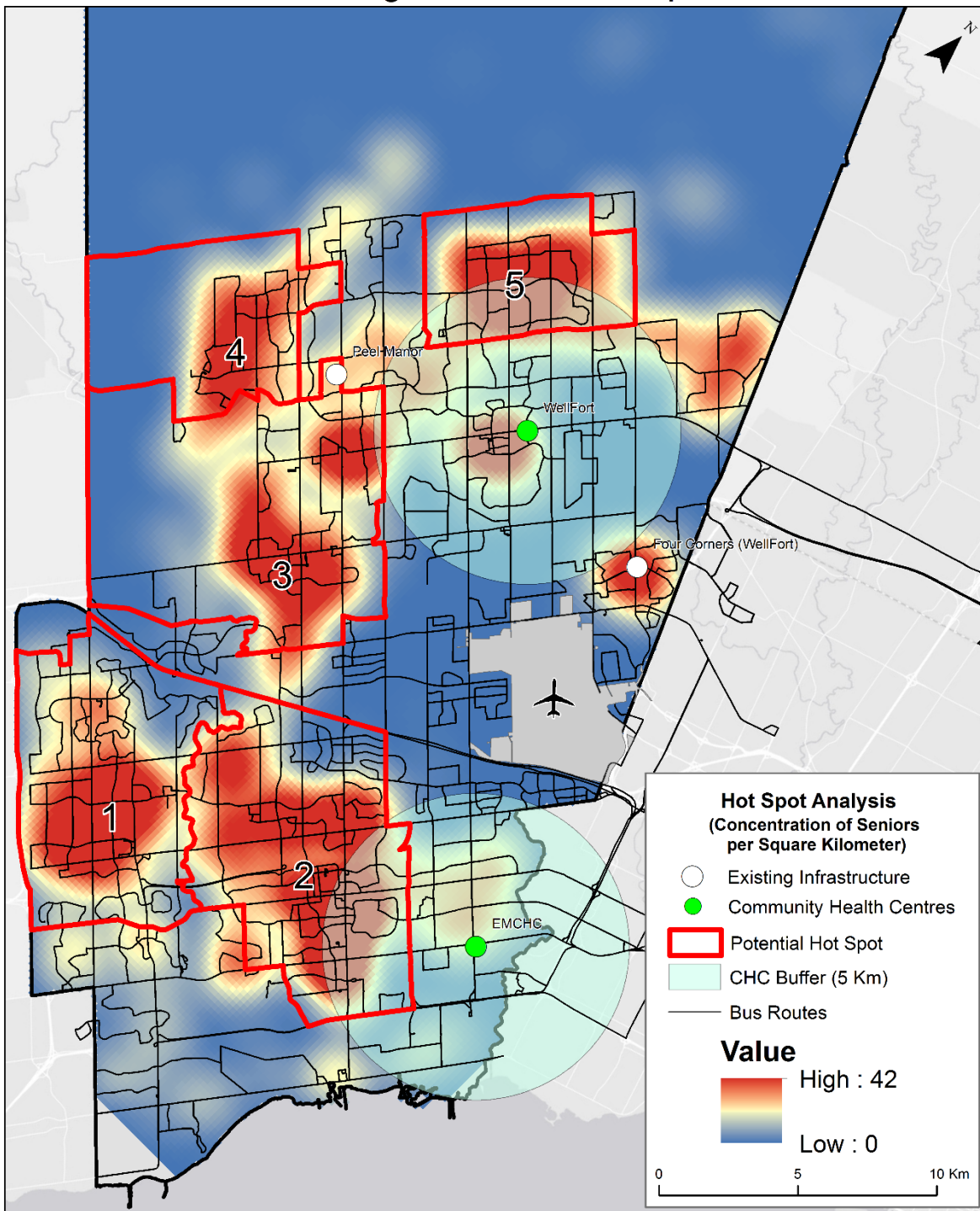
Criteria Definitions

Criteria	Definition
Local Need	<p>Ability to provide the required dental services to Ontario Seniors Dental Care Program clients in the catchment area, considering the Ministry's planning assumptions regarding the estimated number of Ontario Seniors Dental Care Program clients expected to receive services annually.</p> <ul style="list-style-type: none"> • Ministry estimates 6,938 low income seniors who will utilize dental services annually through Ontario Seniors Dental Care Program in Peel.
Underserved Areas	<p>Ability to address access issues in underserved areas within the catchment area such as where there is no or limited dental infrastructure of any type.</p>
Value for Money	<p>Ability to demonstrate an efficient and economical approach to dental infrastructure within the context of the public health unit's overall Ontario Seniors Dental Care Program service plan, including use of the following sequential order for capital proposals:</p> <ul style="list-style-type: none"> • Building on existing infrastructure; • Alternative space solutions (expand into unoccupied space); and • Relocating services (expand into occupied space), lease expansion, new lease.
Accessibility	<p>Ability for seniors to access dental services.</p>

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

Map of Peel Senior Dental Program Client Hot Spots: Current State

Peel Senior Dental Program Client Hot Spots: Current State



Source: Region of Peel Public Health - Seniors Dental Program Database
Prepared by Oral Health Team, Region of Peel, Public Health; July 26, 2019

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

Capital funding application process

Capital Funding Application Process	
Step 1 (Application Form)	Public health units, in partnership with local CHCs/AHACs, submit one application to the Ministry which includes all proposed projects ranked based on priority.
	Ministry selects and approves smaller project(s) for direct funding.
	Ministry selects and approves larger projects to advance to Business Case stage.
Step 2 (Business Case)	Public health units complete business case template with further design and costing details for all larger sub-projects that were approved.
	Ministry selects and approves larger sub-projects for funding.

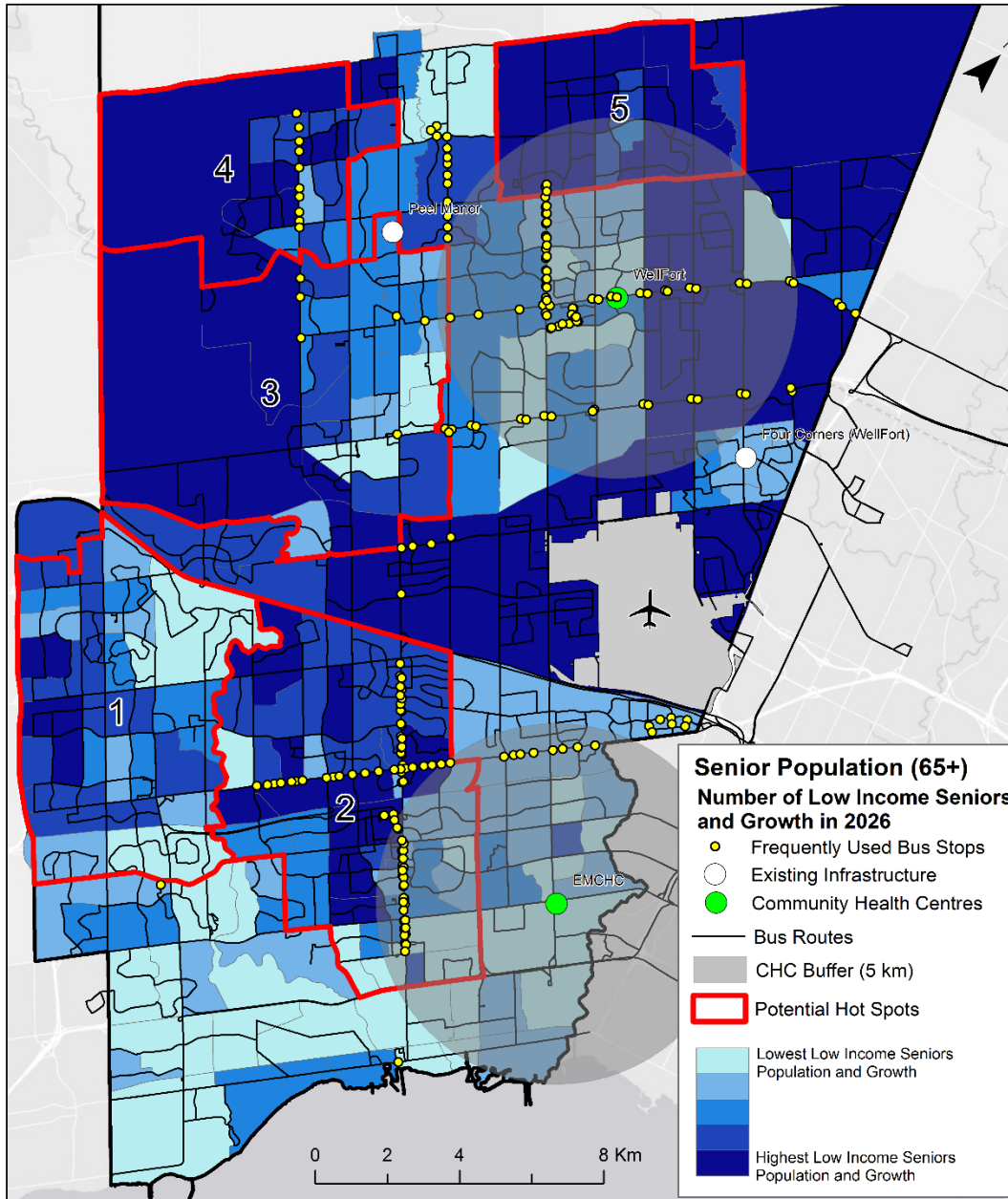
APPENDIX V

ONTARIO SENIORS DENTAL CARE PROGRAM: CAPITAL FUNDING REQUESTS

Map of Study Areas for Ontario Seniors Dental Care Program

Map 2 illustrates the projected growth of low-income seniors in Peel. The forecasted population demonstrate an increase in high concentration of low-income Peel seniors in 2026. There are five potential areas ('hot spots') with high projected growth of low-income seniors that have limited to no access to current publicly-funded dental services. Capital funds have been requested to address the lack of infrastructure in these areas.

Study Areas for Ontario Seniors Dental Care Program
(Number of Low Income Seniors per Census Tract and Expected Population Growth in 2026)



Source: Peel Population Forecasts, Hemson Consulting Ltd.;
2016 Census, Statistics Canada;
Transit Stop Location and Frequency Data 2016, General Transit Feed Specification, City of Mississauga, City of Brampton, Metrolinx (GO);
Eligibility criteria for senior's dental program in Public Health Units in Ontario, ICES Project Number 2020 0950 048 000, Toronto, Institute for Clinical Evaluation Sciences, 2019
Prepared by Oral Health Team, Region of Peel, Public Health, July 26, 2019

Ministry of Health

Ministère de la Santé



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RECEIVED
October 10, 2019

REGION OF PEEL
 OFFICE OF THE REGIONAL CLERK

October 10, 2019

MEMORANDUM TO: Public Health and Emergency Health Services Stakeholders

FROM: **Helen Angus**
 Deputy Minister
 Ministry of Health

RE: Update on Public Health and Emergency Health Services
 Modernization

Dear colleagues,

As you know, our health system is in need of transformational change. Over the past year, the ministry has made great progress to building a connected, integrated, and coordinated system of care – centred around the patient. This includes the creation of Ontario Health, the province's new central health agency, and the work that's been accomplished toward establishing the first wave of local Ontario Health Teams to serve our communities.

As part of this plan, we must also consider how best to deliver public health – a central component of community health – in a way that is resilient, nimble, and meets the evolving health needs and priorities of Ontario's families. Within the context of this broader health transformation, we have an opportunity to modernize and strengthen the role of public health, and to consider how it is connected to our communities.

Another part of transforming the health system is to modernize the way emergency health services are delivered in the province. In addition to our plans to upgrade the ambulance dispatch system and support new models of care for 911 patients, we are looking for ways to improve emergency health services and ensure that dispatch centres and paramedic services work well together.

Today, I am pleased to introduce Mr. Jim Pine, who will play a key role in facilitating discussions between the Ministry of Health, municipal elected officials and administrative leadership. Mr. Pine started his career with the Ministry of Municipal Affairs and Housing and served in various positions in his nine years with the ministry including as regional director for eastern Ontario. He is well respected across the province and has been in municipal affairs for 39 years, working as a city administrator, and as a chief administrative officer in small municipalities, most recently for the County of Hastings. He has also served in a number of roles with Association of Municipalities of Ontario (AMO), including as secretary-treasurer and as a member of the Board of Directors. Mr.

REFERRAL TO _____ .../2
 RECOMMENDED _____
 DIRECTION REQUIRED _____
 RECEIPT RECOMMENDED _____

Pine is also the co-lead of the Eastern Ontario Regional Network, and chairs the ONWARD Initiative which is a network of all the major municipal staff organizations in Ontario dedicated to staff training and improvement.

Building upon the work of the technical tables established with the AMO, Association of Local Public Health Agencies (alPHa), and the City of Toronto, the ministry has begun work with Mr. Pine on launching a renewed consultation with municipalities and our partners in public health and emergency health services. Through this consultation process, we will ensure that sufficient time is provided for thoughtful dialogue and implementation planning. This next phase of engagement will also include the release of a discussion paper.

If you have any feedback that you would like to share prior to the beginning the consultation period, please email us at ehsphmodernization@ontario.ca. Thank you all for your continued support and collaboration.

A handwritten signature in black ink, appearing to read 'H. Angus', written over a horizontal line.

Helen Angus
Deputy Minister, Ministry of Health

c: Alison Blair, ADM Emergency Health Services & Executive Lead, Public Health Modernization
Dr. David Williams, Chief Medical Officer of Health

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**ITEMS RELATED TO
HUMAN SERVICES**

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For Information

DATE: October 17, 2019

REPORT TITLE: **THE REGION OF PEEL'S ROLE IN COMMUNITY HUBS**

FROM: Janice Sheehy, Commissioner of Human Services

OBJECTIVE

To provide an update on the Region's role in the development of community hubs.

REPORT HIGHLIGHTS

- Regional Council endorsed a Community Hub Planning Framework (the Framework) that provides standards for the development of strong and sustainable community hubs, and outlines Peel's role in supporting community agencies with the strategic design and planning of integrated service models.
- The Province promoted the development of hubs by offering several supports including a framework and action plan, hub resource portal, learning conference and some funding to support surplus property transition and facilitate hub planning, however, there was no commitment of operational funding to ensure ongoing sustainability.
- A jurisdictional scan of municipalities validated the importance of hubs to the community as well as the complexity in developing and sustaining hubs.
- The Region will continue to use the development standards as outlined in the Framework to guide its role, namely that hubs should: be based on needs of the community and evidence-informed; utilize strong partnerships with a shared vision, priorities and outcomes; encompass strong business planning, and result in an integrated service delivery model.
- Through Council direction, there is an opportunity to provide one-time capital grants to fund the development of community hubs, when supported by a solid business case, evidence of operational sustainability, and alignment with the outcomes of the Region's Strategic Plan. In accordance with the Framework, an operational or ownership role for the Region in community hubs is not recommended when considering future opportunities.

DISCUSSION
1. Background

On October 12, 2017 (Resolution 2017-809), Regional Council endorsed the Community Hubs Planning Framework report and directed staff to report back with an enhanced and more active role in the development of community hubs. On April 5, 2018, Regional Council endorsed the report titled, Community Hubs Development Update (Resolution 2018-251) which included an enhanced Framework, and standards and actions that support evidence

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THE REGION OF PEEL'S ROLE IN COMMUNITY HUBS

informed business planning, strong partnerships with shared vision, and tailored integrated service models.

Through the January 31, 2019 Regional Council 2019 Budget meeting, Council approved the following Resolution (RBC-2019-36):

That Council supports the conversion of the abandoned Lincoln Alexander Secondary School Pool to a youth hub;

And further, that the \$6 million currently in a placeholder in the 2019 Budget be removed and deferred such that \$3 million be placed in the 2020 Regional Budget proposal and \$3 million into the 2021 Regional Budget proposal;

And further, that the Region and City of Mississauga staff jointly report at a future meeting of Regional Council, on the Malton Community Hub, including a full business plan, the services that will be offered and who the tenants will be;

And further, that the staff report back to a future meeting of Regional Council on community hubs and the Region's role in the development of hubs, from the perspective of ownership, capital development and operations.

This report outlines the Region's role in community hubs as requested in the January 31, 2019 resolution.

Further, a companion report provides an overview of the actions taken to date and the current project status for the Malton Community Hub as requested in the January 31, 2019 resolution.

2. Community Hub Jurisdictional Scan

To further inform the Region's role in the development of community hubs, a jurisdictional scan, which included outreach to the Province of Ontario and four municipalities, was undertaken.

a) Provincial Hub Position

In 2015, the former Provincial government released a report titled: *Community Hubs in Ontario: A Strategic Framework and Action Plan*, aimed at supporting the development of service models that are aligned with local needs and increase service access through community hub development. The Province offered an online resource portal, learning conference, and funding to support surplus property transition and facilitate hub planning, though, no long-term funding commitment was made for on-going operations.

The current Provincial Government supports the physical integration of services however, to date, has not committed to funding community hubs. The future Ontario Health Teams continuum of care model reinforces the Province's position on integrated services as outlined in the Health department report titled: *The Region of Peel's Role in Local Ontario Health Teams (Resolution 2019-375)*.

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THE REGION OF PEEL'S ROLE IN COMMUNITY HUBS

b) Jurisdictional Scan

A jurisdictional scan was completed with the Regional Municipalities of Waterloo and York, and the Cities of Markham and Toronto. The scan confirmed the value of hubs as a model to facilitate integrated service delivery and improve residents' access to health, community and social services. The scan also identified the complexity of community hubs and the need for ongoing resources and investment to ensure continued effectiveness and sustainability.

To better address the complexity of integrated service models, some jurisdictions apply a case-by-case approach to determine support of potential new hubs. Success factors include utilizing existing, owned or surplus infrastructure when feasible; direct alignment to municipal service priorities; securing funding from other levels of government, foundations, etc. and establishing partnerships.

3. Region of Peel's Role in Community Hubs

The Region will continue to use the Community Hub Planning Framework to guide its leadership role in the development and support of hubs. This includes:

- Supporting the development of community agencies capacity to access and use evidence informed service planning tools (i.e.: Neighbourhood Information Tool) in order to create hubs that meet the needs of the community.
- Encouraging and facilitating coordinated, service integration through strong partnerships, a shared vision, priorities and outcomes.
- Providing funding through the Community Investment Program and the Human Services Revolving Capital loan program to the not-for-profit sector to facilitate strong business planning

There are two unique hubs being developed where the Region of Peel's role goes beyond capital development:

- a) The Region's Strategy to Address Human Sex Trafficking in Peel includes a service hub dedicated to serve individuals at-risk, engaged in and transitioning out of human sex trafficking. Regional Council approved the strategy and budget for a three-year pilot with the commitment that external funding sources be sought from other levels of government.
- b) The Seniors Health and Wellness Village at Peel Manor has a Council approved capital budget to support the redevelopment of 177 long-term care beds, with expanded Adult Day programming, overnight respite care as well as a service hub; all within this Regional asset. The service hub will feature health and social services available to residents of the centre and the surrounding community.

In addition, the proposed 2020 Regional capital budget will include a \$6 million investment to support the City of Mississauga's future Malton Community Hub. The City of Brampton has also recently requested a \$6 million capital grant to be included in the proposed 2020 budget. This grant will support two community youth hub locations as outlined in the resolution from the September 26, 2019 Regional Council meeting (Resolution 2019-855).

Should Regional Council approve the two capital grants (total \$12 million), for both the City of Mississauga and the City of Brampton, Council could direct that the allocation remains in

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THE REGION OF PEEL'S ROLE IN COMMUNITY HUBS

the base budget as a source of capital funding to support the development of future community hubs. In accordance with the Framework, an operational or ownership role for the Region in community hubs is not recommended when considering future opportunities.

All future community hub investments will be considered on a case-by-case basis, and require Regional Council approval, and a solid business plan that demonstrates:

- A plan to secure multi-sources of funding and partnerships to achieve operational sustainability
- Utilize existing or surplus infrastructure, when feasible
- Alignment with the outcomes of the Region's Strategic Plan

CONCLUSION

Community Hubs play an important role in supporting residents through an integrated service delivery model. The Community Hub Planning Framework does not identify an operational or ownership role for the Region in community hubs. However, as outlined in the Framework, the Region will continue to demonstrate a leadership role by enabling agencies to strategically design and plan community hubs. Through Council direction, the Region may provide a one-time capital grant to fund the development of a community hub when supported by a solid business case, evidence of an operational sustainability plan, and alignment with the outcomes of the Region's Strategic Plan.



Janice Sheehy, Commissioner of Human Services

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICIES

Appendix I – Jurisdictional Scan Summary

For further information regarding this report, please contact Sonia Pace, Director, Community Partnerships @ sonia.pace@peelregion.ca, or ext. 3807

Authored By: Sandra Solonik, Advisor, Community Engagement

12.1-5

APPENDIX I THE REGION OF PEEL'S ROLE IN COMMUNITY HUBS JURISDICTIONAL SCAN SUMMARY

Municipality	Framework or Standard Role	Dedicated Budget	Hub Opportunity	Hub Challenges
Region of Waterloo	No	No	Community driven project; Region supported the design and planning	Governance – complexity of partnerships
York Region	No	No	Region built transitional housing for youth, included hub	Financial – securing long-term program funding
City of Markham	No	No	City built a recreation centre, included hub	Financial – securing long-term program and staff coordinator funding
City of Toronto	No	No	City redeveloped surplus recreation centres to create 13 hubs Partnered and invested with United Way Greater Toronto on an additional 8 hubs	Governance – complexity of the hub model and partnerships
Town of Georgina	No	No	Town purchased surplus school property to develop a hub	Financial – operating with a deficit (first 5 years), securing tenants and staff coordinator funding

For Information

DATE: October 16, 2019

REPORT TITLE: **MALTON COMMUNITY HUB STATUS UPDATE**

FROM: Janice Sheehy, Commissioner of Human Services

OBJECTIVE

To provide a status update on the actions taken by the City of Mississauga, the Peel District School Board and the Region of Peel to support the development of the future Malton Community Hub.

REPORT HIGHLIGHTS

- At a meeting on April 4, 2019, a project steering committee was formed consisting of senior staff from the City of Mississauga, the Region of Peel and the Peel District School Board.
- A Project Charter finalized at the same meeting, outlined the activities to be undertaken to advance the conversion of the Lincoln M. Alexander Secondary School pool in Malton into a Community Hub (the Hub) that provides services, programs and/or social and cultural activities that reflect the local community needs.
- A Request for Expression of Interest for a lead agency was issued in June 2019. Five submissions were received through this process and two not-for-profits were short-listed to proceed through to the next stage of the City of Mississauga procurement process. This consists of a Request for Proposal, which will close October 10, 2019.
- The proposed 2020 Regional capital budget will include a \$6 million investment to support the conversion of the Lincoln M. Alexander Secondary School pool to the future Malton Community Hub; this funding would be cash flowed to the City of Mississauga over two years.
- A full business plan, including projected timelines and spending, is in development by the City of Mississauga, which when complete will be submitted to the Region.

DISCUSSION
1. Background

Through the January 31, 2019 Regional Council 2019 Budget meeting Council supported the following Resolution (RBC-2019-36) related to the Lincoln M. Alexander Secondary School pool redevelopment into the Malton Community Hub:

That Council supports the conversion of the abandoned Lincoln Alexander Secondary School pool to a youth hub;

MALTON COMMUNITY HUB STATUS UPDATE

And further, that the \$6 million currently in a placeholder in the 2019 Budget be removed and deferred such that \$3 million be placed in the 2020 Regional Budget proposal and \$3 million into the 2021 Regional Budget proposal;

And further, that the Region and City of Mississauga staff jointly report at a future meeting of Regional Council, on the Malton Community Hub, including a full business plan, the services that will be offered and who the tenants will be;

And further, that the staff report back to a future meeting of Regional Council on community hubs and the Region's role in the development of hubs, from the perspective of ownership, capital development and operations.

This report provides an overview of the actions taken to date and the current project status for the Malton Community Hub.

Further, a companion report outlines the Region's role on community hubs as requested in the January 31, 2019 resolution.

2. Malton Community Hub Development

At a meeting on April 4, 2019, a project steering committee was formed consisting of senior staff from the City of Mississauga, the Region of Peel and the Peel District School Board. At the same meeting, a core working group was also formed consisting of staff from the City of Mississauga, the Region of Peel, the Peel District School Board and the United Way of Greater Toronto. A project charter was created and consists of the following in-scope activities:

- Create a communication plan to inform the community about the Hub.
- Review community consultation and engagement data and conduct additional consultations, as required.
- Confirm the seven United Way of Greater Toronto funded agencies and their interest in operating the Hub.
- Issue a Request for Expression of Interest to gather insight on agencies that would be interested in being the lead tenant of the Hub.
- Develop the business plan and governance model to operate and manage the Hub and identify any operating budget/funding requirements from government.
- Report to City and Regional Council on the business plan.
- Further proposal calls for agencies/services to complete the model.
- Engage the school board and school leadership in the plan to ensure alignment once program and partners have been identified.
- Evaluate the impact on the community centre and establish the division of services and programs between the Malton Community Centre and the Hub.

Preliminary work has been undertaken on many of these activities including a communication plan, community information and data review and discussions with the United Way of Greater Toronto. As a priority item, the core working group had focused their efforts on supporting the development of a Request for Expression of Interest.

The Request for Expression of Interest requested submissions for a lead agency to develop operate and manage the future Malton Community Hub. It closed on July 24, 2019 with five

MALTON COMMUNITY HUB STATUS UPDATE

submissions. Two not-for-profits were short-listed through the City's evaluation matrix. The two not-for-profits have been invited to proceed through the City of Mississauga's procurement process and submit a Request for Proposal that opened in September with an October 10, 2019 deadline. The Request for Proposal requests a detailed submission of the agency's services and Hub management role as well as a proposed vision, governance and service model. It is anticipated that an award will be made in November and the lead agency will work with the City of Mississauga and core working group to develop a full business plan and finalize service and tenant plans. The City of Mississauga Facilities and Property Management staff will join the core working group to conduct a study based on the program plan and determine preliminary design and updated project timeline and costing to inform the business plan that will be completed and shared with Regional and City Council.

The proposed 2020 Regional capital budget will include a \$6 million investment to support the conversion of the Lincoln M. Alexander Secondary School pool to the future Malton Community Hub. This funding would be cash flowed to the City of Mississauga over two years through a \$3 million net tax levy in 2020 and in 2021.

As a full business plan has not been received by the Region, Council will need to consider approval of the grant during the 2020 Budget deliberations in the absence of this information.

CONCLUSION

Through the Region of Peel's Community Hub Development Framework, the Region will continue to support the City of Mississauga and the Peel District School Board in the planning and development of the Malton Community Hub which will be outlined in a future report to Regional Council.



Janice Sheehy, Commissioner of Human Services

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

For further information regarding this report, please contact Sandra Solonik, Advisor, Community Engagement.

Authored By: Sandra Solonik

DATE: October 17, 2019

REPORT TITLE: **ACCESSING CAPITAL/INFRASTRUCTURE SUBSIDY**

FROM: Janice Sheehy, Commissioner of Human Services

RECOMMENDATION

That staff be authorized to review applications, and approve funding under the Accessing Capital/Infrastructure Subsidy policy;

And further, that the Commissioner of Human Services and/or the Director of Housing Services be authorized to execute loan agreements under the Accessing Capital/Infrastructure Subsidy policy, together with such further agreements and documents as deemed necessary or advisable, with social housing providers to distribute funds in the amount, and on business terms satisfactory to the Commissioner of Human Services and on legal terms satisfactory to the Regional Solicitor.

REPORT HIGHLIGHTS

- The community housing system in Peel includes over 17,000 units.
- As Service Manager, the Region is accountable for system planning, administering the centralized wait list and ensuring the system and its assets are viable and sustainable over the long-term.
- In October 2011, Regional Council approved the Social Housing Capital Maintenance Strategy Update report, which included the Accessing Capital/Infrastructure Subsidy operational policy and loans program.
- To date, \$39.6 million has been loaned to ten housing providers, including the Peel Housing Corporation.
- In June of 2017, a new delegated execution bylaw was approved by Regional Council, and since that time staff have undertaken a review of existing programs to ensure they are in compliance.
- This report seeks to bring the existing program documents into compliance.
- Staff will return to Regional Council in spring 2020, with recommendations for an updated program including revised eligibility criteria.

DISCUSSION

1. Background

The Region of Peel is the legislated Service Manager under the *Housing Services Act, 2011* for the community housing system in Peel. As Service Manager, the Region is accountable for system planning, administering the centralized wait list and ensuring the system and its assets are viable and sustainable over the long-term.

ACCESSING CAPITAL/INFRASTRUCTURE SUBSIDY

In 2011, Council approved the operational policy “Accessing Capital/Infrastructure Subsidy”, as part of the Social Housing Capital Maintenance Strategy Update report. The report acknowledged that the funding available from senior levels of government was insufficient to meet the capital needs of the community housing system in Peel. An operational policy was approved by Council, authorizing staff to create a Region of Peel program to provide housing providers with a loan to fund required capital repairs. The loans program is an important funding source for community housing providers in Peel.

In June 2017, a new delegated execution bylaw was approved by Regional Council, and since that time staff have undertaken an ongoing review of existing programs to ensure they are in compliance. Through this report, staff is seeking Council approval to update the delegated authority of the Commissioner of Human Services and/or the Director of Housing Services to execute loan agreements under the Accessing Capital/Infrastructure Subsidy policy.

2. Loans Program

The Capital/Infrastructure Subsidy program provides community housing providers, including Peel Housing Corporation, with the ability to apply for a loan from the Service Manager, based on the following priorities:

- Health and Safety
- Building Deficiency Mitigation
- Legislative Requirements
- Building Functionality
- Cost-Effective Initiatives

All loans require the housing provider to provide affordable and subsidized units in the system for 15 years beyond their mortgage and/or operating agreement expiry date, and the placing of applicants from the Region’s centralized waiting list into rent-geared-to income units. Prior to approval, the Service Manager assesses the housing provider’s capital reserves and their ability to contribute to the capital project and repay the loan.

The capital infrastructure loans are funded through R1919 Housing Contingency Liability Reserve.

12.3-3

ACCESSING CAPITAL/INFRASTRUCTURE SUBSIDY

As of April 2019, the Region of Peel has approved the following loans:

Funding Year	Housing Provider	Amount Approved
2012	Cervantes Lions Non-Profit Housing Corp.	\$ 443,000
2014	Ahneen Co-operative Homes Inc.	\$ 860,153
2014	Shalimar International Housing Corp.	\$ 851,278
2015	Forum Italia Non-Profit Housing Corp.	\$ 1,649,040
2016	Erin Court Co-operative Homes Inc.	\$ 499,000
2016	Grace Retirement and Community Enterprises Inc.	\$ 2,860,000
2017	Cheggoggin Co-operative Homes Inc.	\$ 1,814,492
2019	Indo-Canadian Non-Profit Homes Inc.	\$ 1,744,122
2019	Las Americas Co-operative Homes Inc.	\$ 3,262,000
Community Housing Provider Total		\$ 13,983,085
2011	Peel Housing Corporation (Peel Living)	\$ 6,903,452
2013	Peel Housing Corporation (Peel Living)	\$ 7,455,675
2014	Peel Housing Corporation (Peel Living)	\$ 4,924,689
2016	Peel Housing Corporation (Peel Living)	\$ 6,300,000
Peel Housing Corporation (Peel Living) Total		\$ 25,583,816
Total		\$ 39,566,901

All loans provided have assisted with required capital maintenance and repairs and have been effective in keeping the assets in a state of good repair and ensuring that community housing provider stock remains available to individuals and families on the Region's centralized wait list.

The Accessing Capital/Infrastructure Subsidy policy is currently being revised with a focus on eligibility and staff will return to Council in spring of 2020 with recommendations for an updated program.

RISK IMPLICATIONS

The Accessing Capital/Infrastructure Subsidy policy was created to ensure the assets in the community housing sector in Peel are maintained and sustainable over the long-term. The loans program is an important source of funding for community housing providers that needs to evolve with the changing realities of affordable housing in Peel.

ACCESSING CAPITAL/INFRASTRUCTURE SUBSIDY

The Region's interests are protected under the program by ensuring housing providers remain in the community housing system after their mortgages expire and by invoking conditions whereby if the loan is not repaid, as a last resort, the Region can act on its security on the mortgage and deliver the units directly or take alternative courses of action.

FINANCIAL IMPLICATIONS

There are no financial implications to the Region or community housing providers as a result of this report. The program will continue to operate within the approved Council budget and updates on the loans program will be brought to Council annually.

CONCLUSION

The community housing system in Peel provides affordable housing to approximately 17,000 households in Peel. The Capital/Infrastructure subsidy loan program is an important source of funding for community housing providers. This report has been written to receive appropriate authorities from Council to administer the program.

The policy and program will be reviewed and recommendations for program improvements will be brought to Council in a future report.



Janice Sheehy, Commissioner of Human Services

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

For further information regarding this report, please contact Aileen Baird, Director, Housing Services Division, at 905-791-7800, Ext 1898 or via email at <mailto:aileen.baird@peelregion.ca>.

Authored By: Shannon Murphy, Housing Specialist, Housing Services

Reviewed in workflow by:

Financial Support Unit
Legal Services

**ITEMS RELATED TO
PLANNING AND GROWTH
MANAGEMENT**

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DATE: October 11, 2019

REPORT TITLE: **FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE PEEL RETAIL BUSINESS CLOSINGS BY-LAW**

FROM: Andrew Farr, Acting Commissioner of Public Works

RECOMMENDATION

That staff be directed to report back to Regional Council upon completion of the local municipal tourism strategy initiatives to summarize their conclusions, including implications on the businesses with grandfathered exemptions and recommend changes to the Peel Retail Business Closings By-law 34-2018 as appropriate;

And further, that By-law 34-2018 be amended to include additional wording as set out in the report of the Acting Commissioner of Public Works titled “Follow-Up Report Regarding Exemptions Included in the Peel Retail Business Closings By-law” to confirm the intent and provide more clarity in interpretation as it relates to local municipal flexibility in implementing exemptions to permit businesses to be open on statutory holidays through local tourism strategies;

And further, that the by-law to amend Region of Peel By-law 34-2018 be presented for enactment to regulate retail business closing in the Region of Peel, in accordance with Section 148 of the *Municipal Act, 2001*, as amended, which by-law shall be effective on the date of enactment;

And further, that a copy of the subject report be circulated to the City of Mississauga, City of Brampton, and Town of Caledon, for information.

REPORT HIGHLIGHTS

- On June 14, 2018, Council enacted the Peel Retail Business Closings By-law 34-2018 to regulate retail business closing in the Region, which included provisions to recognize previously approved exemption by-laws for eight businesses.
- Council also directed staff to report to a future meeting of Regional Council with options for the inclusion of “sunset” and “grandfathering” clauses for the existing exemptions within the Peel Retail Business Closings By-law.
- Under the Peel Retail Business Closings By-law, a business must meet the definition of a tourist establishment or be within an area identified in a local Council adopted municipal tourism strategy in order to remain open on statutory holidays.

FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW

- In preparing this report, consultation was undertaken with the local municipalities and the businesses with current exemptions included in the Peel Retail Business Closings By-law.
- Staff recommend that the grandfathered exemptions in the Peel Retail Business Closings By-law 34-2018 be maintained at this time and the businesses continue to be permitted to open on statutory holidays, in the manner described in their respective exemption by-laws.
- Upon completion of the local tourism strategy work, staff recommend that a follow up report to Council be prepared, outlining the conclusions of the local municipal tourism strategy work, including any implications for the businesses with grandfathered exemptions and recommend changes to the Peel Retail Business Closings By-law as appropriate.
- Staff recommend that a minor amendment as set out in this report be made to the Peel Retail Business Closings By-law to include additional wording to confirm the intent and provide more clarity in interpretation as it relates to local municipal flexibility in implementing exemptions to permit businesses to be open on statutory holidays.

DISCUSSION

1. Purpose and Regional Council Direction

This report responds to direction from Council to report back with options to phase out or “sunset” the grandfathered exemptions that are included in the Peel Retail Business Closings By-law (Resolution 2018-567).

In preparing this report, consultation was undertaken with the local municipalities and representatives from the businesses subject to Region-approved exemptions under the Peel Retail Business Closings By-law, which permit them to be open on specified holidays. A summary of the results of the consultation with the businesses subject to exemptions has been included as Appendix I of the report.

The report also addresses discussions with City of Mississauga representatives where it was suggested that additional wording be included in the By-law to confirm the intent and provide more clarity in interpretation as it relates to local municipal flexibility in implementing exemptions to permit businesses to be open on statutory holidays.

2. Background

When reviewing the previous Peel Retail Business Holiday By-law which operated within the longstanding provincial statute, a comprehensive consultation process was undertaken. Approximately 4,000 stakeholders participated through completing an on-line survey or by attending one of seven workshops targeted to the public, retail workers and business owners. The majority among these stakeholder groups identified a preference to not expand permissions for businesses to operate on statutory holidays.

Although the results of public consultation did not identify a desire to increase the number of businesses permitted to be open on holidays in the Region, there were no concerns identified with maintaining the existing exemptions. Council approved By-law 34-2018, which continues to recognize and grandfather the exemptions that were granted by Council, as permitted under the *Retail Business Holidays Act*.

FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW

The Peel Retail Business Closings By-law 34-2018, enacted by Council on June 14, 2018, is intended to maintain a balance between recognizing common pause days for retail workers, while also providing some opportunities for shopping on holidays.

The eight grandfathered exemptions affect three large malls in the Region (Bramalea City Centre, Square One and the Mississauga Chinese Centre), the Port Credit Business Improvement Area and four supermarkets (Garden Foods Bolton Ltd, T&T Supermarket, Yuan Ming Supermarket and P.A.T. Oriental Supermarket).

Staff were directed to report to a future meeting of Council with options for the inclusion of “sunset” and “grandfathering” clauses for these exemptions.

There is also an exemption application that was submitted in February 2018, which was to be processed under the previous By-law 18-1999 by ‘Seafood City Supermarket’. On February 14, 2019, the application was brought before Regional Council and was referred to staff for further discussion with City of Mississauga staff regarding potential alignment of this application with the Mississauga Tourism Master Plan implementation (Resolution 2019-169).

3. Consultation and Engagement Process

In preparing this report, consultation was undertaken with the local municipalities, as well as representatives from the businesses affected by existing exemptions within the Peel Retail Business Closings By-law.

a) Mississauga

The City of Mississauga Tourism Master Plan was endorsed by Mississauga Council in 2017. Mississauga staff advised that they are currently undertaking preparation of implementation plans that will identify tourism criteria and districts which they anticipate being completed by the end of 2020. Six of the eight businesses affected by exemptions are in Mississauga and include Square One, the Port Credit Business Improvement Area, the Mississauga Chinese Centre and three specialty supermarkets.

b) Brampton

The City of Brampton does not have a tourism strategy in place; however, Brampton staff advise that they are commencing preparation of their strategy later this year. Brampton staff are planning to issue a request for proposal to retain a consultant which is anticipated to be released later this year and expect that the study will be complete by the end of 2020. Bramalea City Centre is the only business in Brampton with an exemption.

c) Caledon

The Town of Caledon Tourism Strategy was endorsed by Caledon Council in 2014 and identifies a number of tourism areas and potential tourism functions for the three rural service centres of Bolton, Mayfield West and Caledon East as well as a number of rural settlements. There is no specific mention of retail holiday openings as a tourism function in the Tourism Strategy. Garden Foods Bolton is the only business in Caledon with an

FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW

exemption. Regional staff will continue to work with Caledon staff should they choose to undertake updates to their Tourism Strategy to address retail holiday openings.

d) Consultation with Exempt Business Representatives

Regional staff contacted representatives of ownership interests affected by grandfathered exemptions in the Peel Retail Business Closings By-law, advising them of Council's direction to staff to prepare a follow-up report providing options for including a sunset clause in the By-law to phase out grandfathered exemptions. Representatives of the grandfathered exemptions were also invited to attend consultation meetings in early 2019.

From the input received at the meetings and through the written correspondence provided by the business representatives to the Region, comments have been summarized by theme area as identified below and included in Appendix I:

- respecting the principle of a common pause day;
- cost and process to obtain exemptions;
- importance as tourism establishments;
- providing options for shopping on holidays; and,
- the importance of maintaining permissions to be open on Family Day (Bramalea City Centre and Square One).

In addition to the comments provided in written form or through the meeting, a petition was submitted with 978 signatures from store owners, employees and customers supporting retention of the grandfathered exemptions; this petition was provided by the Mississauga Chinese Centre and AI Supermarket. A sample page from the petition has been attached to this report as Appendix II.

Written correspondence was received from the following stakeholders (attached as Appendix III):

- | | |
|---|---|
| 1. Oxford Properties (Square One) | 7. Xintiandi Canada |
| 2. Mississauga Chinese Centre | 8. Westside Presbyterian Church |
| 3. AI Supermarket | 9. Mississauga Jiahua Chinese Senior Association |
| 4. Mississauga Chinese Business Association | 10. Chinese Real Estate & Finance Association of Canada |
| 5. Chinese Association of Mississauga | 11. Safeway Tours |
| 6. Shanxi Association of Toronto | |

In summary, the businesses expressed that they strongly support maintaining the exemptions currently provided for in the Peel Retail Business Closings By-law, at least until the local municipal tourism strategy work is completed.

4. Proposed Amendment to the By-law Clarifying Local Municipal Flexibility in Implementing Exemptions

The intent when developing the Peel Retail Business Closings By-law was to provide flexibility to local municipalities to implement exemptions to the By-law in accordance with

FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW

the vision and goals of their respective tourism strategies. The By-law also provides the flexibility for a local municipality to include criteria or implement an administrative process when considering exemptions through their tourism strategies. This was done through the "Tourism Strategy" definition, as well as Section 8 of Schedule A of the Peel Retail Business Closings By-law (Exemptions).

Through discussions with City of Mississauga representatives, Regional staff were asked to consider making a minor amendment to the by-law to clarify this intention. In response, the following addition to Section 4(8) as underlined is proposed:

"Retail Establishments and Areas in the Local Municipal Tourism Strateg

4(8) Sections 2 and 3 do not apply in respect of the sale or offering for sale of retail goods or services on a Holiday by any Retail Business Establishment that is within an area specifically geographically delineated and identified for retail holiday opening in a Tourism Strategy adopted by the Council of any Local Municipality, as such Tourist Strategy may be amended from time to time by the Council of the Local Municipality, save and except that no Retail Business Establishment within such Tourism Strategy area shall open on Family Day or Christmas Day and sections 2 and 3 continue to apply to them on those days. For greater clarity a Tourism Strategy may contain policies governing the eligibility or ineligibility of a Retail Business Establishment within a delineated geographical area identified for retail holiday opening in respect of the sale or offering for sale of retail goods or services on a Holiday and may establish processes and criteria for the determination of such eligibility or ineligibility."

RISK CONSIDERATIONS

There is minimal risk to the Region in relation to Council's decision on the proposed by-law amendment. The recommended approach respects the current grandfathered exemptions in the Peel Retail Closings By-law that will remain until the local municipal tourism strategy work is completed. The By-law could be updated at that time to provide greater certainty around local municipal implementation.

Should Council not enact the proposed Amendment, it may result in some confusion regarding the process and criteria to be met in order for a retail business in Peel to be open on statutory holidays.

CONCLUSION AND NEXT STEPS

Peel's Retail Business Closings By-law is intended to maintain a balance between recognizing common pause days for retail workers, while also providing some opportunities for shopping within the Region on holidays. In considering the rationale behind the direction included in the By-law, knowing that the local municipalities are undertaking work on their tourism strategies, and taking into account the comments provided from the businesses with grandfathered exemptions, staff is recommending that the grandfathered exemptions in the Peel Retail Business Closings By-law be maintained at this time.

FOLLOW-UP REPORT REGARDING EXEMPTIONS INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW

One additional matter to be considered is openings on Family Day and Christmas Day. The current grandfathered exemptions for Bramalea City Centre and Square One allow opening on Family Day; they are the only stores which are allowed to be open on these days. Should that exemption be eliminated in the future by Regional Council, s. 4(8) in the new By-law prohibits any opening on either Family Day or Christmas Day. Even where a respective Local Municipality has permitted opening on statutory holidays under its local tourism strategy, that blanket prohibition of Family Day and Christmas Day openings in s. 4(8) would still apply. This matter will be further addressed in the subsequent staff report depending on the outcomes of the local tourism strategy work and how Regional Council chooses to address the grandfathered exemptions in the future.

Upon completion of the local municipal tourism strategy work, staff will prepare a follow up report to Council summarizing the outcomes, including implications for the businesses affected by grandfathered exemptions, and recommending any changes to the Peel Retail Business Closings By-law which may be appropriate.



Andrew Farr, Acting Commissioner of Public Works

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

- Appendix I – Summary of Consultation with Businesses with Exemptions
- Appendix II – Sample Sheet from the Petition
- Appendix III – Written Correspondence Received

For further information regarding this report, please contact Adrian Smith, MCIP, RPP, Acting Chief Planner & Director, Regional Planning and Growth Management, Extension 4047, Adrian.smith@peelregion.ca.

Reviewed in workflow by:
Legal Services

**APPENDIX I: FOLLOW-UP REPORT REGARDING EXEMPTIONS
INCLUDED IN THE RETAIL BUSINESS CLOSINGS BY-LAW**

Summary of Consultation with Businesses Subject to Exemptions

Respecting the Principle of the Common Pause Day

- Employees are not required to work on holidays and businesses follow the procedures of the *Employment Standards Act*.
- Employees often choose to work and benefit from the 1.5 times hourly premium for working on statutory holidays.
- Being closed on the holidays would result in a loss of income for a substantial number of retail employees across the Region that would have opted to work.

Cost and Process to Obtain Exemptions

- The time and cost incurred to obtain their exemptions was significant including the cost for a consultant to prepare a report to demonstrate how the application met the criteria in the *Retail Business Holidays Act*.
- Considering this time and cost expenditure, the businesses would like to continue to be permitted to open on statutory holidays.

Importance as Tourism Establishments

- Representatives from the Mississauga Chinese Centre, Square One, and Bramalea City Centre advised that the malls are important tourism landmarks that see a significant number of visitors on statutory holidays.
- The malls are the site of unique tourism events and attractions.

Provide Options for Shopping on Holidays

- It is important to provide local shopping options on holidays in the Region of Peel to remain competitive with businesses that are open in adjacent municipalities.
- Having stores open locally is important for the convenience of the consumer to stay within Peel for shopping and entertainment.
- Stores providing essential services such as pharmacies and convenience stores are not able to provide the full variety of foods that are available at a supermarket.

Family Day

- Currently the exemption by-laws for Bramalea City Centre and Square One permit them to be open on Family Day.
- The new Peel Retail Business Closings By-law does not permit new businesses seeking exemptions to be open on Family Day, or Christmas Day.
- Concern was expressed that if the grandfathering of exemptions ended and Bramalea City Centre and Square One were required to apply for exemptions under the new by-law, they would no longer be permitted to be open on Family Day
- Family Day is a very busy shopping day for the malls, and they continue to see an increasing number of visitors annually.



Mississauga Chinese Centre

We are store owners/employees/customers at Mississauga Chinese Centre, hereby signing below petition to express our support for Mississauga Chinese Centre to stay open for business on statutory holidays.

我們是中國城的商業店主，員工，顧客，我們在此簽名支持中國城在公眾假期照常開門營業。

No. (编号)	Name (名字)	Address (地址)	Phone No. (电话号码)	Signature (签名)
	[Redacted]	[Redacted]	[Redacted]	[Redacted]
	[Redacted]	[Redacted]	[Redacted]	[Redacted]

Index of Correspondence Received

1. Oxford Properties (Square One)
2. Mississauga Chinese Centre
3. Al Supermarket
4. Mississauga Chinese Business Association
5. Chinese Association of Mississauga
6. Shanxi Association of Toronto
7. XintiandiCanada
8. Westside Presbyterian Church
9. Mississauga Jiahua Chinese Senior Association
10. Chinese Real Estate & Finance Association of Canada
11. Safeway Tours



Greg Taylor
Director & General Manager
Square One Shopping Centre T/ 905-272-6221
 Mall Management Office F/ 905-270-6219
 100 City Centre Drive gtaylor@oxfordproperties.com
 Mississauga, ON L5B 2C9 www.oxfordproperties.com

November 20th, 2018

City Clerk
 City of Mississauga
 300 City Centre Drive
 Mississauga, ON L5B 3C1
 city.clerk@mississauga.ca



RE: By-law Number 34-2018

Oxford Properties Group (Oxford) is the owner and operator of Square One Shopping Centre (Square One) located in the City of Mississauga. We are writing in regard to recent policy changes introduced by the Regional Municipality of Peel ("Peel Region", "Peel") through the enactment of By-law No. 34-2018. This new By-law repeals and replaces legacy By-law 18-1999 which regulates holiday shopping activities in Peel Region in accordance with Provincial legislation. The new By-law is intended to give greater control and authority to Peel Region with respect to regulating retail store openings on nine Statutory (Public) Holidays which are defined through various Provincial legislation including the Retail Business Holiday Act and the Ontario Employment Standards Act.

Background

Pursuant to the legacy rules and regulations governing holiday shopping in Peel Region, Square One was granted a Tourist Area Exemption in 2009 with the enactment of By-law 105-2009. This was subsequently amended in 2010 to add Family Day (as per By-law 33-2010). The exemptions provided under Bylaws 105-2009 and 33-2010 extend legal permissions for Square One Shopping Centre along with several neighbouring commercial out-parcels to operate between the hours of 11AM to 6PM on the following six Statutory (Public) Holidays:

- New Year's Day
- Family Day
- Victoria Day
- Canada Day
- Labour Day
- Thanksgiving Day

Since these exemptions were put in-place, Square One has exercised its legal entitlement to operate on more than 50 statutory holidays. Business has been carried out at Square One on these days without incident, and without any known complaints from the general public or organized labour.

Square One and our retail tenants are fully committed to providing our customers and our staff with best-in-class retail and workplace experiences. We are a dynamic go-to destination for the City of Mississauga and we recognize the important role we play in building a vibrant city-centre.

Public Consultation

Prior to the enactment of By-law 2018-34, we understand that Peel Region carefully evaluated a number of potential options related to municipal regulation of holiday shopping.

In reviewing the background work, we understand the Region consulted broadly and widely with members of the general public. Consultations were also carried out with workers and business owners drawn from across the retail sector. In total, more than 4,000 individuals provided their insights and opinions related to the holiday shopping matter. Square One was very pleased to be part of this important dialogue with the community.

On February 27th, 2018, a team of representatives from Oxford attended a stakeholder workshop made up of merchants, BIAs and shopping centre owners. We were happy to share our experiences related to the economic benefits of holiday shopping and the contribution we make to the local tourism landscape. We also explained the important role that our holiday shopping exemptions play in strengthening relationships with customers, tourists and retailers.

We have taken the time to carefully review the consultation research carried out by Staff and its consultant. The polling research indicates that residents, workers and retailers in Peel Region generally supported the need for changing the legacy holiday shopping rules. In fact, the majority of residents and retail workers between the ages of 18-44 indicated that they would like to see greater flexibility in terms of regulating store hours on statutory (public) holidays.

Our Comments on By-law 34-2018

Contrary to the 2018 market research carried out on the holiday shopping issue, Peel Regional Council opted to move ahead with a new By-law that provides *less*, rather than greater flexibility to its business community. The policy approach taken by Peel Council stands in sharp contrast to York Region which also recently repealed its legacy holiday shopping by-law, in favor of a new policy regime that enables merchants to voluntarily open on any day of the year they chose, save and except Christmas (December 25th).

We believe the new By-law may in fact have negative and deleterious impacts on our business operation going forward. In reviewing By-law 34-2018, Oxford/Square One would like to express three fundamental concerns we have with the new By-law.

1. **The Status of Family Day:** Section 4(8) of the By-law 34-2018 states that, “*no Retail Establishment ... shall open on Family Day or Christmas Day.*”

Our Response:

- Square One has been open on Family Day since 2010. Our application to Peel Region under the previous holiday shopping By-law 18-1999 was unanimously

supported by Council in October 2009 by a margin of 17-1. Since that time, Square One has opened its doors to the public on eight consecutive Family Days. Our market research shows that visitation to Square One on Family Day has grown substantially year-over-year. In 2018, over 74,000 visitors passed through our doors on Family Day. Our research also demonstrates higher-than-normal sales performance for our restaurant and food service tenants on Family Day. As you may be aware, Square One is committed to expanding our food and beverage offerings with introduction of two new food attractions, The Rec Room – Eats and Entertainment and The Food District. Both attractions are slated to open in the spring of 2019, forming an integral part of a multi-million-dollar expansion on the west side of our property. Having the entire shopping centre open on statutory holidays will support the success of these key new food/attraction tenancies.

- Square One recognizes the importance of common days of pause for workers. We also understand that the Employment Standards Act provides the legal framework for employment law as it pertains to statutory (public) holidays, including the obligation to pay workers shift premiums. To the very best of our knowledge, we have not witnessed any staff grievances with respect to the operation of Square One on Family Day, or any other statutory holiday for that matter. It is very much business as usual.
- A decision by Peel Regional Council to rescind permissions for Square One to open on Family Day would have a direct and immediate impact on our employees. We estimate that net impact in terms of lost income for Square One employees would be somewhere the order of **\$600,000 to \$700,000 per day** based on statutory 1.5x shift premiums.

2. **The Reliance on Local Municipal Tourism Strategies:** Section 4(8) of the By-law also states that: *“[Holiday Closures] do not apply in respect of the sale or offering for sale of retail goods or services on a Holiday by any Retail Business Establishment that is within an area specifically geographically delineated and identified for retail holiday opening in a Tourism Strategy adopted by the Council of any Local Municipality...”*

Our Response:

- Square One is proud to be an integral part of Mississauga’s tourism landscape. Our Shopping Centre is consistently rated by users and visitors as the City’s most prominent, must-see tourism destination. Our position as a vital tourism anchor is supported by our commitment to collaborate with community partners to develop and expand the tourism base in Mississauga. This includes an active role on the City of Mississauga’s Tourism Advisory Board.
- On November 1st 2017 Council endorsed its first Five-year Tourism Master Plan. This plan is intended to position the City’s tourism sector to meet its potential, cultivate a strong brand position, and achieve economic success. Appendix F of the Tourism Master Plan formally identifies Square One as a “*Tourism Asset*”, describing it as: *“a true destination facility attracting regional visitors including short-term visitors to Pearson Airport.”*

- Based on recent conversations with the Chair of the Mississauga Tourism Advisory Board, Councillor Pat Saito, Square One understands that the 2017 Tourism Master Plan is currently being reviewed internally with the expectation of “final” Council-approved Plan sometime in early 2019.
 - Pursuant to Section 4(8) of the new By-law, Square One will be seeking the necessary assurances from the City of Mississauga that the City continues to recognize and support the important function that Square One plays as a regional tourism asset in the final (revised) version of the Tourism Master Plan. More specifically, we will be asking that a map consistent with Schedule A (see attachment 1) be included in the Tourism Master Plan so as to clearly delineate the tourism function of Square One Shopping Centre. (NB: this schedule is consistent with the Ontario Municipal Board Approved Tourism Area Exemption granted to Square One in 2009 and the refined By-law 33-2010).
3. **Grandfathered Exemptions:** Section 4(9) of the new By-law states that: *“[Holiday Closures] do not apply in respect of any Retail Business Establishments or areas that have received exemptions from the Council of the Regional Municipality of Peel under the Retail Business Holiday Act and which are permitted to remain open on specified Holidays at the times and on the Holidays for which they were granted exemptions under the following enacted by-laws or adopted measures: ... (c) By-law 105-2009, amended by By-law 33-2010 (Mississauga Square One) ...”*

Our Response:

- While we recognize the new By-law includes grandfathering provisions for exemptions already in-place (including Square One), Peel Regional Council has instructed its staff to provide a review of the legal implications of rolling back of previous exemptions. Oxford is deeply concerned with the rolling back of its existing exemptions and, for the reasons set out herein, we strongly encourage Council to reconsider moving forward in this direction Our Tourist Area Exemptions were secured through a very lengthy process. Over the period 2009-2012 our centre has expended significant time and financial resources to secure these permissions through appropriate municipal approvals including local, regional and provincial (Ontario Municipal Board) efforts. We see no justification or rationale to support a potential roll-back of grandfathering provisions for Square One.
- A decision by Peel Regional Council to rescind permissions for Square One to open on statutory holidays would have a direct and immediate impact on our employees. The impact of revoking our Tourist Area Exemption across the board would result in the elimination of **\$3.6 to \$4.2 million** in annual wages paid to Square One employees.
- Square One and its owners are, at this time, expressly interested in adding two additional statutory (public) days to our operating schedule for 2019 and beyond. Internal planning is well underway to add Good Friday and Easter Sunday to our

business operating schedule. We would note that Good Friday was not identified as a holiday conveying any additional special status in the By-law. Our interest in Good Friday and Easter Sunday would broadly support our goal of better positioning our asset to the demands of a growing Greater Toronto Area customers and tourist base. The move also coincides with the opening of the new 47,200 square foot Rec Room (Opening March 2019) and the new 34,000 square foot Food District expansion which is slated to open on April 1, 2019.

- The Easter long-weekend is a popular travel period. Our competitive monitoring of other shopping centres in the Greater Toronto Area suggest that Good Friday represents a strong opportunity for Square One to help redirect expenditures and visitation back to Peel Region in general, and Mississauga in particular. The decision to move forward with Good Friday opening would put Square One on a more competitive footing with key competitors such as Toronto Premium Outlets (Milton), Toronto Eaton Centre, Vaughan Mills, Markville Mall and others.

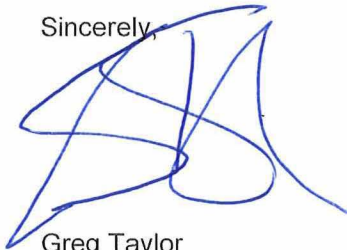
Summary

The nature of retailing today requires merchants and retail asset owners to deliver best-in-class experiences that reflect the prevailing needs of our customers. Online shopping continues to exert pressure on mainline bricks-and-mortar businesses and our industry needs to be responsive to shifting customer habits. Online sales happen 24/7. Amazon and other online retailers do not suspend operations on statutory (public) holidays.

Our continued success depends on rules that support business innovation and economic growth. It is for this reason that Oxford/Square One would strongly urge that Peel Region Council support a more constructive and flexible policy approach, one that allows businesses like ours to periodically adjust our operations in-line with the shifting expectations of our customers.

Thank you for considering our submissions. Representatives from Oxford/Square One would welcome the opportunity to address this matter directly with Peel Regional Council and Staff in the days and weeks ahead. Should you have any questions please feel free to contact the undersigned.

Sincerely,



Greg Taylor
Director & General Manager
Square One Shopping Centre

ATTACHMENT 1

Schedule "A" – Description of Area of Tourism Exemption

The lands which are subject to By-law 105-2009 are legally described as follows:

FIRSTLY:

PIN 13142-0039 (LT) being Blocks 1, 16, 19, 20 and 21 on Plan 43M-1010, except part of Block 16 on 43M-1010, designated as Parts 1, 2 and 3 on Plan 43R-20341, City of Mississauga.

SECONDLY:

PIN 13142-0024 (LT) being part of Lot 16, Concession 2 North of Dundas Street, Toronto Township, designated as Part 3 on Plan 43R-10098, City of Mississauga.

THIRDLY:

PIN 13142-0038 (LT) being part of Block 16 on Plan 43M-1010, designated as Parts 1, 2 and 3 on Plan 43R-20341, City of Mississauga.

Schedule "B" – Map of Area of Tourism Exemption



Date: January 30, 2019

Region of Peel
Public Works - Policy Development Integrated Planning
10 Peel Centre Drive, Suite A, 6th Floor
Brampton, Ontario L6T 4B9
Attention: Mr. Adrian Smith/Manager

Re: Meeting to Discuss Phasing Out Grandfathered Exemptions Under the Retail
Business Holidays Act

Dear Mr. Smith:

Thank you for the opportunity to attend the subject meeting this past Monday at the Region of Peel office located at 10 Peel Centre Drive in Brampton.

This confirms your response to one of the questions tabled at the meeting that the Region of Peel have not decided on this matter, but rather proposed the following options for our consideration:

1. Status quo – By-law continues to identify grandfathered exemptions under the Retail Business Holidays Act
2. Shorter term phase out of grandfathered exemption
3. Longer term phase out of grandfathered exemption
4. Revisit in 2021 to allow local municipalities time to complete and/or update their tourism strategies

While three of the eight existing exemption stakeholders inclusive of Yuan Ming Supermarket, Bramalea City Centre and our office, Mississauga Chinese Centre have attended at this past meeting, our responses to the proposed options were unequivocal in favour to maintain Status Quo.

While we here at Mississauga Chinese Centre will work very closely with our municipality of Mississauga for the completion and/or update of our tourism strategy, we would also like to be actively involved with all of the Region of Peel upcoming stakeholders and/or public meetings in connection with this matter. Kindly advise us with the dates and venue of these upcoming meetings in due course with thanks.

Best regards
Andy Wong
Mississauga Chinese Centre
[REDACTED]

cc: Jenny Jiang

Date: January 29, 2019

To Whom It May Concern,

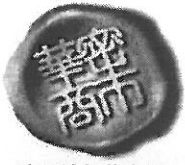
On June 14, 2018, Peel Regional Council reviewed the current Retail Business Holiday Shopping and decided to phase out existing exemptions, which include Mississauga Chinese Centre. As a major retail and food business in Mississauga Chinese Centre, Al Premium Food Mart believes that this decision may arise series of detrimental consequences for both: our customers and our employees.

Firstly, the closure of retail business during holiday could ruin local community's lifestyle. For Canadian immigrant who is working hard everyday (sometimes two jobs at the time) to support their family, late nights and holidays are the only times they can go shopping for the whole family. Starting from 2002, more than 10,000 customers visit Al Premium Food Mart weekly. Especially, during holidays, this number is bigger than that. Our sales during provincial/federal holidays can double compared to regular days. We have become one of the most well-known local businesses. If the store has to be closed on holidays, a large number of residences will not have place to purchase their food necessities during holiday period. It will bring an inconvenience to our customers and employees. Nevertheless, although there are some nearby convenience stores that may remain open, they could not support variety of food which people need to make traditional meals.

Second reason we believe we need to remain open on holidays is because of our employee needs. Whilst we understand that there are some businesses that might need to force employees to work during holidays, and those employees do not come to work by their personal choice, we respect those employees and encourage to stay home during these times. In the past 17 years, Al Premium Food Mart always paid employees properly and entitled them with holiday salary according to federal and provincial labor laws. Our employees are all aware that holiday work is not mandatory, but an option to earn more income for their family. Additionally, because of cultural difference, some of the Canadian holidays aren't significantly important to our employees and their families, therefore they choose to work and earn more income for their families.

We sincerely hope the regional council can reconsider the decision of closing retail business on holidays and consider the will power of our employees and customers to work and shop during these times.

Best Regards,
Jack Li
President



密西沙加華商會
MISSISSAUGA
CHINESE BUSINESS
ASSOCIATION

January 15, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Honorary Advisors
Mayor Bonnie Crombie
Madam Hazel McCallion

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Legal Counsel
Metz L. Ngan

Advisor
Jake Dheer

1550 South Gateway Road,
Unit 223, Mississauga,
Ontario Canada
L4W 5G6
Tel: 905.625.6222
Fax: 905.625.6225
Website: mcba-canada.com
E-mail: mcba@mcba-canada.com

Dear Regional Chair and Region of Peel Councils:

On behalf of the Mississauga Chinese Business Association (MCBA), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

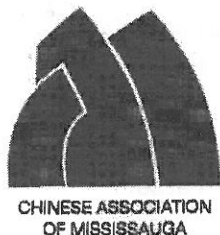
The MCBA is a non-profit organization committed to serve as the voice of Chinese business community in Mississauga, to initiate and respond to legislation affecting members of the Associations and Chinese Canadian business community. Many of our members are owners and operators of small to mid-size business in Mississauga. As such, our organization is strong proponent of creating a healthy environment for local business.

The MCBA is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,

Winnie Fung
President
Mississauga Chinese Business Association



密西沙加華人協會

CHINESE ASSOCIATION
OF MISSISSAUGA

Golden Square Centre, Unit 16

1177 Central Parkway West

Mississauga, Ontario, Canada L5C 4P3

Telephone: (905) 275-8558

Facsimile: (905) 275-7582

E-mail: cammis01@bellnet.ca

Website: www.ChineseAssociationMississauga.com

January 18, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

On behalf of Chinese Association of Mississauga (CAM), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

CAM is a Registered Charitable Organization under the Income Tax Act and governed by its Constitution and Bylaws. CAM acts as a locally serving organization and offers services and programs for Newcomers and Refugees (GAR) living in GTA, Mississauga and surrounding areas. The purposes of the Association are:

- to educate the community at large about the Chinese and other cultures by means of multicultural educational programs and activities.
- to assist and educate newcomers and other residents including those of Chinese origin in order to help them to understand and to cope with Canadian cultures and to integrate into Canada's multicultural society.
- to promote harmony between the Chinese community and other local communities.


CAM is proud of serving to the community since January 1982, which is already 37 years of service, and also providing LINC classes since 1994, 25 years of language training for the newcomers. Many of our clients we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

CAM is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Please feel free to contact me at 905-275-8558 should you have any questions.

Sincerely,



Kalen Liang

President

Chinese Association of Mississauga

January 18, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

On behalf of Shanxi Association of Toronto, I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

The Shanxi Association of Toronto is a non-profit organization dedicated to the provision of services to the Chinese community and the integration of Chinese Canadians into the mainstream of Canada. Many of our people we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

The Shanxi Association of Toronto is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,



Edward Han
President
Shanxi Association of Toronto

January 18, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

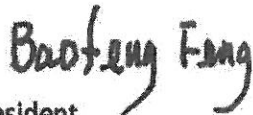
On behalf of the Xintiandicanada (XTDC), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

The XTDC is a non-profit organization dedicated to the provision of services to the Chinese community and the integration of Chinese Canadians into the mainstream of Canada. Many of our people we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

The XTDC is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,



President
Xintiandicanada

January 19, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

On behalf of the Westside Presbyterian Church (WPC), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

The WPC is a non-profit organization dedicated to the provision of services to the Chinese community and the integration of Chinese Canadians into the mainstream of Canada. Many of our people we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

The WPC is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,


President
Westside Presbyterian Church

Mississauga Jiahua Chinese Senior Association

January 23, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

On behalf of the Mississauga Jiahua Chinese Senior Association (M.J.C.S.A), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

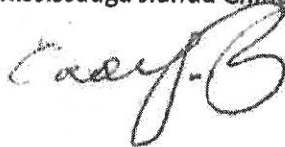
The M.J.C.S.A is a non-profit organization dedicated to the provision of services to the Chinese community and the integration of Chinese Canadians into the mainstream of Canada. Many of our people we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

The M.J.C.S.A is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,

President
Mississauga Jiahua Chinese Senior Association



Mississauga Jiahua Chinese Senior Association

MJCSA affiliated with



www.test1.mjcsa.ca

Frank McKechnie Community Center (310 Bristol Rd. East, Mississauga, Ontario L4Z 3V5)



Chinese Real Estate & Finance Association of Canada

January 23, 2019

The Region of Peel
10 Peel Centre Drive, Suite B
Brampton, Ontario L6T 4B9

Dear Regional Chair and Region of Peel Councils:

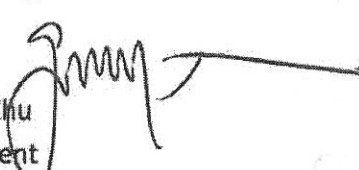
On behalf of the Chinese Real Estate & Finance Association of Canada (CREFAC), I am writing in support of Mississauga Chinese Centre to stay open for business on statutory holidays under the existing exemption pursuant the Retail Business Holidays Act.

The CREFAC is a non-profit organization dedicated to represent Chinese-Canadian financial and real estate professionals in Ontario while helping new immigrants integrate into Canadian society. Many of our people we helped are now owners and operators of small to middle size retail businesses in Ontario. Therefore, our organization is a strong proponent of fostering a prosperous and healthy local business environment.

The CREFAC is in favour of giving retailers the choice to open on holidays. People have the right to observe holidays in different ways based on different cultural backgrounds and religious beliefs. In addition, we believe that giving retail businesses the ability to determine their own operating hours will help foster a more competitive business climate. It will ultimately benefit our community as a whole in the long run.

Thank you for taking our support into consideration when reviewing the phase out of existing exemptions under the Retail Business Holidays Act.

Sincerely,


Gary Zhu
President

Chinese Real Estate & Finance Association of Canada

2019/1/24

IMG_0002.jpg

**SAFEGWAY TOURS 泰安旅遊**

TEL: (416) 593-0593 (10 LINES) FAX: (416) 597-0887

30 CARLTON STREET
LOBBY OF HOLIDAY INN
TORONTO, ONTARIO
CANADA M5B 2E9

January 23, 2019

Dear Jenny Jiang,

It was a pleasure speaking with you on the phone.

During the past ten years, we have established a professional and respectful business relationship with each other and brought in thousands of international patrons to support and benefit the retail businesses inside the mall. We have witnessed the Mississauga Chinese Centre's growth and prosperity throughout these years, and how it developed into the popular shopping destination it has become today. We are very happy and proud to be part of the contribution to this success, and we would like to continue this relationship for many years to come.

Please feel free to contact me at 416-593-0088 if we can provide more information.

Sincerely,

Frank Huang
President

Subject: FW: Proposed changes to the Aggregate Resources Act / Projet de modification de la Loi sur les ressources en agrégats
Attachments: image001.wmz; image002.wmz; image003.wmz

From: Aggregates (MNR) <Aggregates@ontario.ca>

Sent: September 20, 2019 10:37 AM

Subject: Proposed changes to the Aggregate Resources Act / Projet de modification de la Loi sur les ressources en agrégats



<p>Ministry of Natural Resources and Forestry Natural Resources Conservation Policy Branch Policy Division 300 Water Street Peterborough, ON K9J 8M5</p>	<p>Ministère des Richesses naturelles et de la Foresterie Direction des politiques de conservation des richesses naturelles Division de l'élaboration des politiques 300, rue Water Peterborough (Ontario) K9J 8M5</p>
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Subject: Proposed changes to the Aggregate Resources Act

Dear Head of Council and Clerk,

The Ministry of Natural Resources and Forestry recognizes the critical role Ontario's municipalities play in the lives of Ontarians. We value our strong collaborative partnership with municipalities and the associations that represent their interests.

We want to advise you that the Ministry of Natural Resources and Forestry is proceeding with changes to the way aggregates are managed in Ontario and would like to invite municipal input on the changes we are proposing.

We have released an aggregate proposal that aims to cut red tape, create jobs, and promote economic growth within Ontario's aggregate industry — an industry that generates \$1.6 billion in production revenue annually and supports more than 28,000 jobs in aggregate-related sectors.

The proposal draws on feedback from industry, municipalities, Indigenous communities and other stakeholders. It will create opportunities for growth while maintaining a steadfast commitment to protecting the environment and addressing impacts to communities.

A summary of the proposed legislative changes, and instructions for providing feedback, can be found on the Environmental Registry (ERO# 019-0556) at the following link:

<https://ero.ontario.ca/notice/019-0556>

REFERRAL TO _____
 RECOMMENDED _____
 DIRECTION REQUIRED _____
 RECEIPT RECOMMENDED _____

15.1-2

My ministry is also considering some regulatory changes and would appreciate any initial feedback you have on these topics. As a next step, we expect to consult further on specific details related to regulatory proposals at a later date. I look forward to your input on these proposals and potential future changes.

If you have any questions about the proposed changes, please contact Andrew MacDonald, Resource Development Section, at 705-755-1222 or aggregates@ontario.ca.

Kind regards,

Original signed by Ala Boyd

Ala Boyd
A/Director, Natural Resources Conservation Policy Branch
Policy Division, Ministry of Natural Resources and Forestry
300 Water Street, 2 South
Peterborough, ON K9J 3C7
Telephone: 705-755-1241
Facsimilie: 705-755-1971
ala.boyd@ontario.ca

Objet : Projet de modification de la *Loi sur les ressources en agrégats*

Bonjour,

Le ministère des Richesses naturelles et des Forêts sait que les municipalités jouent un rôle primordial dans la vie des Ontariennes et des Ontariens. Nous avons à cœur notre solide relation de collaboration avec elles ainsi qu'avec les associations qui défendent leurs intérêts.

Ainsi, nous voulons vous informer que le Ministère entend modifier les pratiques de gestion des agrégats en Ontario et invite les municipalités à commenter sa proposition.

Ces éventuels changements s'inscrivent dans une optique de réduction des formalités administratives, de création d'emplois et d'essor économique au sein de l'industrie ontarienne des agrégats, qui génère chaque année 1,6 milliard de dollars en revenus de production et assure le maintien de plus de 28 000 emplois dans des secteurs connexes.

Élaborées à la lumière des commentaires de l'industrie, des municipalités, des communautés autochtones et d'autres parties, les modifications proposées favoriseront la croissance tout en respectant notre ferme engagement à protéger l'environnement et à atténuer les répercussions sur les populations locales.

Un résumé du projet de modifications législatives, accompagné de la marche à suivre pour formuler des commentaires, figure dans le Registre environnemental (n° 019-0556), à l'adresse suivante :

<https://ero.ontario.ca/fr/notice/019-0556>

Le Ministère envisage aussi certaines modifications réglementaires et souhaiterait savoir ce que vous en pensez a priori. Des consultations sur leur teneur exacte auront lieu ultérieurement. J'attends donc avec intérêt vos commentaires sur ces éventuels changements ainsi que sur le projet de modifications législatives susmentionné.

Si vous avez des questions sur les modifications proposées, veuillez communiquer avec Andrew MacDonald, de la Section de l'exploitation des richesses naturelles, au 705 755-1222 ou à l'adresse aggregates@ontario.ca.

Veillez agréer mes salutations distinguées.

Original signé par Ala Boyd

Ala Boyd
Directrice des politiques de conservation des richesses naturelles
Ministère des Richesses naturelles et des Forêts

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**ITEMS RELATED TO
ENTERPRISE PROGRAMS
AND SERVICES**

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DATE: October 15, 2019

REPORT TITLE: **TRANSFER OF REGION OF PEEL FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS ALLOCATION - 2019**

FROM: Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

RECOMMENDATION

That the federal gas tax surplus administration funds to be received by the Region of Peel for the 2019 fiscal year be substantially allocated to the Cities of Brampton and Mississauga and the Town of Caledon based on the allocation method identified in the report of the Commissioner of Finance and Chief Financial Officer, titled “Transfer of Region of Peel Federal Gas Tax Surplus Administration Funds Allocation - 2019”;

And further, that the necessary by-law be presented for enactment;

And further, that the indemnity agreements that form Schedule A to the By-law be executed by the duly authorized signing officers of the Regional Corporation to enable the transfer of the funds to the lower-tier municipalities;

And further, that the federal gas tax surplus administration funds to be retained by the Region of Peel be used to fund all the applicable eligible project categories as prescribed by the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the Association of Municipalities of Ontario (AMO) and the Region of Peel, dated April 1, 2014.

REPORT HIGHLIGHTS

- In August 2019, AMO announced the distribution of over \$12M in federal gas tax surplus administration funds to municipalities.
- The Region of Peel's amount of the federal gas tax surplus administration funds from AMO is approximately \$769k with the receipt of funds expected in October 2019.
- The Region will share the surplus funds based on the previously agreed formula with the Region's retention of 17 per cent (\$131k) of the federal gas tax surplus administration funds and a distribution of the remaining 83 per cent (\$638k) to the local municipalities.
- The allocation of federal gas tax surplus administration funds to the local municipalities is based on the recent 2016 census data for the Cities of Brampton (\$274k) and Mississauga (\$333k) and the Town of Caledon (\$31k).
- Regional Council must enact an authorizing by-law to transfer the allocation of its

TRANSFER OF REGION OF PEEL FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS ALLOCATION - 2019

federal gas tax surplus administration funds to the local municipalities.

DISCUSSION

1. Background

In August 2019, AMO announced the distribution of an extra \$12,044,484 from the federal gas tax fund to municipalities. These monies represent AMO's surplus administration funds and they are being provided in addition to the regular federal gas tax funds and in addition to the already received additional one-time federal gas tax funds for 2019. Furthermore, the surplus administration funds are subject to the terms and conditions of the Municipal Funding Agreement in the same way as the regular federal gas tax fund payments.

The Region of Peel's amount of the federal gas tax surplus administration funds, as released by AMO in mid-September, is equal to \$769,279.53. The Region will share the federal gas tax surplus administration funds, based on the previously agreed formula of the Region retaining 17 per cent while the remaining 83 per cent is distributed to the local municipalities to address their infrastructure priorities. According to the above split, the portion of the federal gas tax surplus administration funds to be retained by the Region is \$130,777.52 with the remaining amount of \$638,502.01 to be transferred to the local municipalities.

The Region's 2019 federal gas tax surplus administration funds and the proposed shares with the local municipalities are as follows:

<i>Year</i>	<i>Total Amount</i>	<i>Region Amount</i>	<i>Local Amount</i>
2019 Surplus Administration Funds	\$769,279.53	\$130,777.52	\$638,502.01
<i>Sharing %</i>	<i>100.0%</i>	<i>17.0%</i>	<i>83.0%</i>

The Region's retained federal gas tax allocation amount (17 per cent) will continue to be used to fund all the applicable eligible project categories as prescribed by the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between AMO and the Region, dated April 1, 2014.

2. Findings

The federal gas tax surplus administration funds will be forwarded to the Region of Peel by AMO in October, shortly before the second regular 2019 payment, expected on November 1, 2019.

The transfer payment to the lower-tier municipalities is dependent on the Region receiving the funds from AMO. If, for any reason, the funding does not arrive, the Region shall not be responsible for making the payments as scheduled. The Region's allocation of the surplus administration funds to the local municipalities is based on the most recent census data, which is consistent with AMO's methodology to distribute its surplus administration funds to Ontario municipalities. The following table outlines the shares as well as the surplus administration transfer amounts to the lower-tier municipalities for the 2019 fiscal year:

16.1-3

TRANSFER OF REGION OF PEEL FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS ALLOCATION - 2019

	<u>Mississauga</u>	<u>Brampton</u>	<u>Caledon</u>	<u>Total</u>
2016 Population	721,599	593,638	66,502	1,381,739
% Share	52.2%	43.0%	4.8%	100.0%
<u>Transfer \$</u>				
Surplus Funds	<u>333,451.12</u>	<u>274,320.30</u>	<u>30,730.59</u>	<u>638,502.01</u>
Total	<u>\$333,451.12</u>	<u>\$274,320.30</u>	<u>\$30,730.59</u>	<u>\$638,502.01</u>

As required by the Municipal Funding Agreement, Regional Council must enact an authorizing by-law to transfer the allocation of its surplus administration federal gas tax funds to the local municipalities. As part of this process, the local municipalities are required to execute the indemnity agreement with the Region. Once this is completed and the funds are received from AMO, the Region will transfer the funds to the local municipalities as stated above.

CONCLUSION

The Region's Federal Gas Tax surplus administration funds in the amount of \$769k, for the 2019 fiscal year will be shared with the Region and the local municipalities based on the sharing arrangements approved by Council.



Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

For further information regarding this report, please contact Stephanie Nagel at extension 7105 or via email at stephanie.nagel@peelregion.ca.

Authored By: Kavita McBain

Reviewed in workflow by: Legal Services

DATE: October 17, 2019

REPORT TITLE: **REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE**

FROM: Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

RECOMMENDATION

That development charges be applied as per the Region of Peel's Development Charges By-law, which provides an exemption of \$205,721.46 for the development, thereby reflecting fairness and equity with other similar developments that have paid their full applicable development charges.

REPORT HIGHLIGHTS

- In August 2019, the Brampton Triveni Community Centre ("the organization") applied for a permit to construct a 5,030 sq.m. building at 20 Daviselm Drive, in Brampton.
- The development received Regional development charges exemption of \$205,721.46 for 903 sq.m. (i.e. the main worship area), resulting in \$799,762.11 in Regional development charges.
- The City of Brampton's development charges (DC) by-law provides for a total exemption of the proposed development.
- On September 12, 2019 representatives from the organization delegated to Regional Council for a reduction in development charges.
- The provision of this relief to the Brampton Triveni Community Centre would result in \$799,762.11 being funded from the property tax base.
- If development charges relief is provided to the development, it would justify a taxpayer-funded refund of over \$2.7 million to other places of worship that have paid their full development charges. Other similar buildings containing community centres would have basis to apply for a refund or DCs relief.

DISCUSSION

1. Background

In August 2019, the Brampton Triveni Community Centre ("the organization") applied for a building permit to construct a 5,030 sq.m building at 20 Daviselm Drive in Brampton. Regional staff determined that 903 sq.m. of the proposed 5,030 sq.m. structure is attributed to non-worship. 616.5 sq.m. of the proposed structure includes stairwells, elevator shafts and washrooms which do not attract development charges. Based on the current

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

development charges (“DC”) rates, the proposed non-worship area would require the payment of \$799,762.11 in Regional DCs. *See Table 1 below*

Table 1- Proposed uses of the building’s floor space

Proposed Use	s.m.
Worship Area (Exempt per DC By-law 46-2015)	903.0
Stairs, Washroom, Mechanical, etc. (Excluded from measured total floor area as per DC By-law 46-2015)	616.5
DC Payable (i.e. dining hall, discourse hall, meeting/class rooms, offices, etc.)	3,510.5
Gross Floor Area	5,030.0

On September 12, 2019, the organization delegated to Regional Council for complete relief of development charges, on the basis that they were not aware of the amount of development charges and they are dependent mostly on donations from the community to support their operations.

2. Findings

a) Impact of the Proposed Development on the Peel Community

Further to the Brampton Triveni Community Centre delegation at Regional Council, Regional staff met with representatives from the organization on September 17, 2019 to further discuss the scope of the development and its potential impact on the community. Based on the discussion and subsequent submission attached as *Appendix 1*, Brampton Triveni Community Centre has been a registered non-profit organization for over two years. The proposed new structure comprises of a main floor and a basement. The main floor is dedicated to faith-based activities and consists of a main worship area and another room for religious counseling sessions. The remainder of the building (i.e. the basement) is proposed to be used as a community centre; dedicated to counseling activities, music classes, and recreational activities (e.g. yoga and sports).

Social Impact on the Peel Community

Every development has the potential for some form of social impact. As per the follow-up discussion with the organization’s representatives, the community centre is expected to benefit mainly the children and seniors populations in Peel. The Centre has proposed programs that aim to connect diverse Peel residents across different age groups, religions and cultures. The proposed programs align with the Region’s objectives to provide supports and services to seniors and advance community safety and well-being through access to a safe space for use by diverse members of the community. Additionally, the Region of Peel has limited investments in community hubs providing universal holistic services to children, youth, seniors and families.

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

The Region welcomes the development, which aligns well with the Region's vision to provide a community for life and supports ensuring communities are integrated, safe and complete.

Potential Revenue Sources for the Organization

Communications with the organization's representatives indicate that the capital and operating costs are to be largely funded by donations from the community however; they expect other revenue from rental of the facilities for activities such as weddings and fees for music lessons.

b) Regional and Local Policies to Support Faith Based Organizations

The Region and the local municipalities have implemented measures to provide some development charges relief for places of worship in their respective jurisdictions. The Region provides an exemption for one room dedicated to places of worship which is funded through the tax base. *See Table 2 below.* An amount of \$250,000 has been included in the Region's 2019 budget for discretionary exemptions in accordance with the by-law (e.g. one room dedicated places of worship and agricultural uses).

Table 2-Summary of Development Charges Payable at Peel Municipalities

Municipality	Total Floor Area where DCs are:	
	Payable	Exempt
Region of Peel	No exemption	One room used for worship
Brampton	Area used for: <ul style="list-style-type: none"> ▪ Private schools ▪ Banquet halls ▪ Supportive Housing ▪ Major daycare facilities ▪ Areas used for retail or commercial purposes 	All other floor area
Caledon	No exemption	Council, may by resolution, waive in whole or in part institutional DCs which include places of worship
Mississauga	No exemption	<u>New 2019 By-law</u> Grant in lieu of DCs equivalent to twenty-five percent of the total floor

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

Municipality	Total Floor Area where DCs are:	
	Payable	Exempt
		area of the building <i>Previous 2014 By-law</i> Grant in lieu of DCs for one room used for worship (i.e. same floor area used in Region's calculation)

c) Impact on Regional Services

The total of \$799,762.11 in Regional DCs for the proposed development is to offset the incremental costs this development will place on the infrastructure services provided to this site. See Table 3 below for the services provided at the Regional and Local level for a non-residential development or re-development. The proposed development will utilize additional Regional services such as roads, water and wastewater services.

Table 3-Summary of Infrastructure services provided at Regional and Local Area Level for a Non-Residential development/redevelopment

Region of Peel	City of Brampton
Growth Studies	Growth Studies
Regional Roads	City Roads
Police services	Fire
Water	Public Works
Wastewater	Transit
	Buildings, land, & furnishings

d) Options Under Consideration

At the Council meeting on September 12, 2019, representatives from the development requested that the Region waive DCs for the proposed development given they are a non-profit organization that relies mostly on donations for their operations. Regional DCs would have to be funded from the property tax base. There is currently no budgetary allocation for discretionary exemptions outside of what is permitted under the current by-law, hence funding would need to come from tax reserves.

i) Potential Waiver of DCs

Council does not have the authority to waive development charges that have been determined in accordance with the development charges by-law. To allow exemptions without targeted financing tools in place, would impair the Region's ability to generate the development charges revenue required to meet its financial obligations.

ii) Provide a Tax Funded Grant

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

To provide a tax grant to Brampton Triveni Community Centre to offset full development charges payable would not reflect an equitable treatment of similar developments such as the Roman Catholic Episcopal Corporation, Brampton Gospel Hall and Bramalea Baptist Church, that paid the full DCs payable under the current by-law for their respective developments in Peel. This move would provide justification to refund previous DCs paid by places of worship and other similar community centres. Over the past 5 years, places of worship have paid over \$2.7 million in Regional development charges after receiving over \$700 thousand in exemptions for the one room dedicated to worship. An expansion of the discretionary exemption for Places of Worship will result in an increase in cost to all property taxpayers. The application qualifies for a \$205,721 reduction in DCs in accordance with the DC by-law.

In June 2019, the Coptic Church applied to have their development charges reduced to the amount they would have paid at the time of their 2009/original building permit application. Council determined that they should pay the full DCs of \$709,654.40 based on current rates however; Council approved a taxpayer-funded grant in the amount of \$426,046.09 to offset the difference between the 2009 and current rates. This resulted in the Coptic Church paying \$283,608.31 in DCs. This grant was given on the basis that the heritage property that was given to the Church by the City/Region ended up costing them money and delaying their funding and building. This was a unique situation which justified the provision of the taxpayer-funded grant.

iii) Deferring the DCs until the next by-law is enacted

As per section Section 6 (10) of the Region's By-law 46-2015, the Region's Chief Financial Officer has delegated authority to defer the payment of non-residential development charges for a period after it would have been normally been paid.

"...the Region's Chief Financial Officer is hereby authorized to enter into agreements providing for the payment of all or part of a non-residential –non-industrial development charge before or after it would otherwise be payable.."

The deferral of payment of DCs is subject to the owner providing adequate securities. The deferral of payment of DCs until enactment of the new DCs By-law in 2020 will provide Council time to consider the following options with respect to payment of development charges for places of worship.

3. Findings

In the next development charge by-law Council could consider the following:

- Maintain existing policy of exempting one room reserved for worship or
- Increase or decrease the eligible exempt area.

RISK CONSIDERATIONS

Additional discretionary exemptions would put pressure on the Region's already strained tax base and its ability to meet its financial obligations. Any delay in payment due to deferrals,

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

impairs the Region's ability to pay its debt and increase its need to issue additional debt. The Region currently has over \$1.4 billion in development charges debt which need to be funded.

FINANCIAL IMPLICATIONS

Brampton Triveni Community Centre already qualifies for a \$205,721.46 in development charges exemption as per the Region's development charges by-law. The Region's taxpayer-funded budget in 2019 for such exemptions is only \$250 thousand.

The reduction in development charges outlined in the Brampton Triveni Community Centre request is not within Council's jurisdiction. A grant payment in lieu of DCs on behalf of the development would result in a cost of an additional \$799,762.11 to the Region's taxpayers.

Additionally, a refund to places of worship which paid DCs would result in a cost of \$2.7 million to the Region's taxpayers. This would also justify the refund of DCs to similar buildings containing community centres that have paid DCs. This approach would have implications for future DC policies and the amount of DCs collected going forward.

CONCLUSION

Staff recognize the fact that the proposed development aligns well with the Region's vision to build a community for life but it has to be balanced with the impact these discretionary exemptions will have on the Region's ability to meet its financial obligations now and in the future.



Stephen VanOfwegen, Commissioner of Finance and Chief Financial Officer

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I – Request for Reduction in Development Charges, Deeneshwar Dhanrajh, CEO, Executive Board of Directors of Brampton Triveni Community Centre, September 19, 2019 .

For further information regarding this report, please contact Stephanie Nagel, Treasurer & Director of Corporate Finance, extension 7105, stephanie.nagel@peelregion.ca.

REQUEST FOR DEVELOPMENT CHARGE RELIEF-BRAMPTON TRIVENI COMMUNITY CENTRE

Authored By: David Uusitalo

Reviewed in workflow by:
Legal Services



Brampton Triveni Community Centre

12 Daviselm Drive Brampton ON Canada

905-497-4488

Region of Peel Development Charges Proposal

Aim – To seek a reduction in the development charges levelled by the Region of Peel

Organization: Brampton Triveni Community Centre

Address: 20 Daviselm Drive Brampton Ontario

Charity # **3059896**

The Brampton Triveni Community Centre is an ambitious social project undertaken by a few hardworking and generous families that saw a need for such an organization in Brampton. They identified an area where there are not many facilities for youth and seniors to receive guidance, take part in afterschool activities, to engage in social and cultural programs or to just come and relax during the day or evenings, listen to some music and enjoy a hot meal. Brampton Triveni Community Centre is a registered charity that depends on public donations as its main source of funding. It has been registered since 2017-11-23 and is currently in the process of construction.

Located at 20 Daviselm Drive Brampton, this Community Centre is ideally placed to serve a large, densely populated and ever expanding area of both Hindu and non-Hindu Canadians. It sits directly opposite David Suzuki Secondary school. On the corner of Chinguacousy road and Daviselm drive, it is within walking distance to 2 other primary schools and close to what we estimate to be a few thousand households. Thousands of residents that live within a few square kilometers that currently do not have any other community centre in that area.

This property was obtained in spring 2016, and we started soon after with the registration, charity status, creating an executive board and then the design of the building. The structure that we intend to build is simple, designed to be multi-functional. There are two main levels, a ground floor and a basement. The ground floor is divided into two main halls, one of which will be a dedicated Hindu prayer hall. The second hall on the ground floor will be used as a multi-purpose meeting space. After exiting the prayer hall after weekly programs, devotees can use the second hall on the ground floor to relax, take part in refreshments, meet and talk with counselors etc. There will be an opportunity for Youths, Seniors, Single moms, children to meet and speak with counselors who can advise them on both religious and non-religious aspects of their life, and to try to get them involved in programs offered by the Brampton Triveni Community Centre.



The basement is one large hall that will contain a kitchen, to be used to provide meals for different occasions, not on a commercial scale. The hall in the basement is the main space that will be used for servicing the community.

If there are religious programs then people will congregate here afterwards to have refreshments. However this space will also be used for a variety of programs and initiatives. Our directors have identified a few programs after speaking to our community and even David Suzuki Secondary School. Here are some of the programs we will be running upon completion of construction.

- Counselling for Secondary school children about drug use, career advice, healthy living, the role of religion in modern life, time management and optimization, mental health awareness etc. We have met with some teachers in the area including some staff at David Suzuki, they have shown great enthusiasm for youth initiatives we can do together in the future.
- Activities for seniors such as games, social meet and greets, dinners, movie nights, dances, intellectually stimulating lectures etc.
- A vegetarian lunch program for students in the nearby schools who may not have a lunch or who just want to experience a tasty vegetarian meal. Community members have informed us that there are students from less fortunate backgrounds who would welcome a free daily lunch.
- Sport activities, creating and managing leagues and teams that promote healthy competition and fitness in the community. Renting sports fields from schools in the future to facilitate games.
- Yoga classes, aerobics, dance classes' etc. Focus on physical fitness in an age where obesity is slowly becoming an epidemic.
- Cultural classes such as Hindi, Sanskrit, Indian classical music, Indian classical dance. In the future if there is a demand then different genres of music and dance will be added.
- Soup kitchen for the winter season, making hot meals available to less fortunate individuals. We will also try to send food out to other organizations or shelters whenever possible.
- Indoor activities in the winter, as the community members who throng to the parks in the summer can have an alternate destination to meet and socialize.
- A fulltime daycare for small children who are not yet going to school. Part time daycare will also be available. Summer camp for children of all ages is another program we will be doing.
- Promoting local cultural talent by hosting cultural shows, where members of the community can come and display their talent.
- Events for seniors such as Dinners, dances, games night etc.
- Vegetarian food fairs that promote healthy and clean living. Try to encourage the community to buy produce from the Brampton farmers market when possible.

When the Community Centre becomes operational there will no doubt be many more ideas from the public, we are excited when we see the wide range of activities that we have the potential to do.

Revenue Stream

Our main source of revenue will come from donations, our organization is also affiliated with other religious organizations and community centers in the GTA, along with at least 48 senior community members and 24 youth members who have committed themselves to give financial support for the near future. While the Centre depends primarily on public donations and the backing of a few community business owners, as a source of supplementary income this space can be rented to the public for an array of functions. The basement hall of the Community Centre can be used for a variety of programs.

This space can be utilized to perform the ritual aspect of marriage ceremonies, for memorial services, wakes and community events. There will be no fixed cost for this facility, but rather members of the society can make a small donation that will cover the price of staff on site during events such as cleaners.

The hall upstairs will only be used for social interaction, counselling of youth, seniors and single mothers and career guidance, while the basement space will be the multipurpose area capable of bringing in a supplementary income.

The space will not be for commercial use, if members of the community wish to utilize it when it is not being used for community programs then permission will be granted along the guidelines of the organization, community members will be able to save money by renting the community centre space rather than commercial locations for their functions. Community members have expressed to us that to do any small social event they have no nearby space available, and would really find it convenient to have such a space available near to their homes. As such our community centre can provide this facility to said community.

Social Impact

Based on our location and demographics, we estimate the social impact on youths and seniors to be profound, as there is no other Community Centre nearby. The programs and initiatives that we are planning to do currently do not take place in this area, this will be the first Centre of its nature in that location.

There are hundreds of High School students who will directly benefit, as well as hundreds of primary school students. We know for a fact that in our community most households have 1 or more elderly relatives living with them, and our Community Centre will become a social hub for all of them. We are confident that we can enrich their lives and have a profound positive impact on their lives. Whether it is through religious teachings, musical performances or social initiatives we are confident that we can make some kind of social impact in our community.



In summary, we are first and foremost a charitable organization whose only goal is to build a structure that can serve a community that is currently without such facilities. We depend primarily on donations from the public and as such any reduction in the development charges from the region of peel will go a long way in aiding our construction. Our community is very eager to see this centre go up, and we wish to start construction as soon as possible, and would greatly appreciate a reduction in fee from the Regional Council. On behalf of our community, I implore you to make a concession for us, our only priority is to start serving our community as fast as possible while bring as frugal as possible with the Public's money. We aim to start construction next spring, and greatly appreciate your help in this matter. Thank you for considering our proposal and giving us an opportunity to meet with you.

For Your Consideration

Deeneshwar Dhanrajh, CEO

Executive Board of Directors of Brampton Triveni Community Centre



DATE: October 9, 2019

REPORT TITLE: **UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE**

FROM: Catherine Matheson, Commissioner of Corporate Services

RECOMMENDATION

That the Commissioner of Corporate Services and the Commissioner of Public Works be authorized to proceed with an application to the United Nations for the purpose of establishing the Region of Peel as a United Nations University Regional Centre of Expertise.

REPORT HIGHLIGHTS

- In 2015, the United Nations established three pillars of sustainable development: environment, society and economy. Within the three pillars are seventeen Sustainable Development Goals (See Appendix I for complete list) for action globally and at the regional level. In order to achieve these goals at the regional level, the United Nations University established Regional Centres of Expertise (RCE).
- RCE networks are formed within broader geographic region/community organizations with strong education sector linkages.
- RCE stakeholders enable regionally-based institutions to strategically cooperate to build on regionally identified sustainable development themes for research, awareness, and development on how best to support innovative sustainable development initiatives while accounting for regional characteristics.
- An RCE designation supports the strategic alignment between the United Nations Sustainable Development Goals and goals prioritized at the Region of Peel.
- Two areas of alignment will be highlighted in the proposed RCE application: the Region of Peel Goods Movement Plan and the Sustainable Transportation Strategy.
- The RCE application process has no additional financial impacts. It is desirable, but not essential that key RCE institutions commit resources (financial and personnel) to promote RCE activities.

DISCUSSION

1. Background

As Council is aware, the planet and the people in it face many global sustainability challenges. In 2015, the United Nations established three pillars of sustainable

UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE

development: environment, society and economy. Within the three pillars are seventeen Sustainable Development Goals (See Appendix I for complete list) for action globally and at the regional level. In order to achieve these goals at the regional level, the United Nations University established Regional Centres of Expertise.

The United Nations University (UNU) has 168 Regional Centres of Expertise on Education for Sustainable Development listed globally (See Appendix II for details). There are six Regional Centre of Expertise (RCE) networks in Canada: British Columbia, Greater Sudbury, Montreal, Peterborough-Kawartha, Saskatchewan, and Tantramar. The United Nations Educational, Scientific and Cultural Organization's (UNESCO's) Regional Centres of Expertise are not physical entities.

Any large organization can lead an RCE network. RCE stakeholders can include education institutions, environmental non-government organizations, scientists, researchers, regional government officials, private sector, public sector, etc. A network of RCEs worldwide constitutes the Global Learning Space for Sustainable Development. Regional knowledge, expertise, and best practices are shared globally through the network and can be adapted and applied successfully in other regions. This collection of knowledge can be used to empower individuals to make sustainable choices for themselves and their communities.

a) Purpose of United Nations University Regional Centres of Expertise

RCE networks are formed within broader geographic region/community organizations with strong education sector linkages. The RCE network stakeholders gather for the purpose of building capacity to address Sustainable Development Goals. RCE stakeholders enable regionally-based institutions to strategically cooperate to build on regionally identified sustainable development themes for research, awareness, and development on how best to support innovative sustainable development initiatives while accounting for regional characteristics.

There are five priority areas of action for RCEs:

- Advance policy by mainstreaming education for sustainable development;
- transform learning and training environments;
- build capacities of educators and trainers;
- empower and mobilize youth; and
- advance sustainable solutions at the regional level.

2. Regional Centre of Expertise Application Strategic Alignment in Peel

The proposed application supports the Leading aspect of the Region's Strategic Plan to build a community for life. An RCE designation supports the strategic alignment between many of the United Nations Sustainable Development Goals and the goals prioritized in the Region including the Region's Official Plan. Two areas of alignment will be highlighted in the proposed RCE application. They are the Region of Peel Goods Movement Strategic Plan and the Sustainable Transportation Strategy. These two large initiatives align with 5 of 17 UNU Sustainable Development Goals:

- Goal 3: Ensure healthy lives and promote well-being for all at all ages;
- Goal 4, item 7: focused on developing an understanding of sustainable development within the public;

UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE

- Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation;
- Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable; and
- Goal 13: Take urgent action to combat climate change and its impacts.

In alignment with the UN Sustainable Development Goal 13: Climate Action, and the global RCE mission, the Region of Peel is an example of a regional leader striving to advance climate change knowledge, expertise and best practice to accelerate the reduction of greenhouse gas emissions and ensure Peel communities remain equitable, healthy, prosperous, and secure places to live and work in the future. Additional details about the RCE alignment to Goods Movement and Sustainable Transportation work is outlined below.

a) Goods Movement

The Region of Peel is a significant freight hub for Canada and a strategic location for national distribution. As outlined in the Goods Movement Strategic Plan, the proactive approach to managing goods movement demonstrates that the Region is a forward-thinking leader in this area. The Peel Goods Movement Task Force shaped this vision through public engagement and collaboration with industry. The Smart Freight Centre, a partnership between Peel and three universities, helps the Region to achieve goals through evidence-based research, decision support, advocacy, training, and monitoring.

b) Sustainable Transportation

The Sustainable Transportation Strategy was approved by Regional Council in February 2018. It is a targeted strategy aimed at a 50 per cent sustainable mode share, inclusive of walking, cycling, transit, and carpooling. Shifting travel behaviour from single-occupant vehicles towards sustainable modes is an effective way to manage future growth. This approach yields secondary benefits to the Region such as mitigating air pollution and climate change, promoting healthy and age-friendly communities and creating a transportation system that is equitable and provides access to all road users.

3. Benefits to becoming an UNU Regional Centre of Expertise

There are several benefits to achieving the RCE designation. For example:

- The global knowledge available through the RCE network would allow the Region of Peel to learn from the experiences of other jurisdictions in relation to sustainability initiatives.
- Partnership with external jurisdictions involved in the RCE network would enable sustainability work to be performed collaboratively and more efficiently. This also reduces the duplication of work by various regions.
- The RCE network would connect Regional Council strategies globally and would support heightened external partnership for two critical initiatives; Goods Movement and Sustainable Transportation.
- The RCE designation would recognize Regional Council's leadership towards community sustainability as referenced in the Official Plan and ensure that Peel's communities are complete and sustainable for residents and businesses.

UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE**4. Proposed Next Steps**

Staff propose that the Commissioners of Corporate Services and Public Works be authorized to proceed with an application to the United Nations for the purpose of establishing the Region of Peel as a United Nations University Regional Centre of Expertise.

Organizations interested in applying to become an RCE must submit an application and summary by April 30, 2020. Following a review and feedback process, a final application is due in September 2020. Proposed activities should be relevant and in line with the regional challenges and objectives of the RCE, as well as the UN's three pillars of sustainable development – environment, society and economy.

Stakeholder support and expressed commitment is crucial to successful application. RCE membership would include anchor institutions in Peel and other community partners. The United Nations Scientific and Cultural Organization (UNESCO), Chair at York University expressed support in principle for the Region's proposed RCE application to the UNU. Members of Peel's Goods Movement Task Force also expressed support for staff to seek Council approval to move forward with an application to become an RCE.

RISK CONSIDERATIONS

While there is no direct risk associated with an application to be acknowledged as an RCE, there would be a loss of the collaborative opportunities that come with this status if an application is not submitted or accepted. Additionally, the Region's work, particularly related to goods movement and sustainable transportation includes the necessary RCE element of community collaboration.

FINANCIAL IMPLICATIONS

The RCE application process has no additional financial impacts. Much of the content required is already available in existing Region documents. If the application is successful, any future budget impacts will be addressed as part of the annual budget planning process. It is desirable, but not essential that key RCE institutions commit resources (financial and personnel) to promote RCE activities. The Region already has staff dedicated to the work associated with goods movement and sustainable transportation. RCE network initiatives and tactics would be considered in terms of overall affordability to the taxpayer, consistent with the Region of Peel's Long-Term Financial Planning Strategy.

CONCLUSION

With Council approval, staff will proceed with an application to the United Nations University for the purpose of establishing the Region of Peel as a Regional Centre of Expertise. The results of the application will be shared with Regional Council once notification is received from the United Nations University.

UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE



Catherine Matheson, Commissioner of Corporate Services

Approved for Submission:



N. Polsinelli, Interim Chief Administrative Officer

APPENDICES

Appendix I - United Nations Sustainable Development Goals

Appendix II - 168 Regional Centres of Expertise on Education for Sustainable Development

For further information regarding this report, please contact contact Kathryn Lockyer, Regional Clerk and Director of Legal Services, Extension 4325, kathryn.lockyer@peelregion.ca or Sabbir Saiyed, Manager, Transportation System Planning, Extension 4352, sabbir.saiyed@peelregion.ca.

Authored By: Judy Labelle, Advisor Corporate Social Responsibility with input from staff in Transportation System Planning and Sustainable Transportation

*Reviewed in workflow by:
Financial Support Unit*

APPENDIX I

UNITED NATIONS UNIVERSITY REGIONAL CENTRE OF EXPERTISE

United Nations Sustainable Development Goals

The 2030 Agenda as adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity now and into the future. The 17 Sustainable Development Goals (SDGs) are an urgent call for action by all countries - developed and developing - in a global partnership. The goals are as follows:

United Nations Sustainable Development Goals	
Goal 1	End poverty in all its forms everywhere
Goal 2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture
Goal 3	Ensure healthy lives and promote well-being for all at all ages
Goal 4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
Goal 5	Achieve gender equality and empower all women and girls
Goal 6	Ensure availability and sustainable management of water and sanitation for all
Goal 7	Ensure access to affordable, reliable, sustainable and modern energy for all
Goal 8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
Goal 9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
Goal 10	Reduce inequality within and among countries
Goal 11	Make cities and human settlements inclusive, safe, resilient and sustainable
Goal 12	Ensure sustainable consumption and production patterns
Goal 13	Take urgent action to combat climate change and its impacts
Goal 14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development
Goal 15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
Goal 16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
Goal 17	Strengthen the means of implementation and revitalize the global partnership for sustainable development



THE REGIONAL MUNICIPALITY OF PEEL

DEBT ISSUANCE COMMITTEE

MINUTES

DEBT - 2 /2019

The Region of Peel Debt Issuance Committee met on October 10, 2019 at 8:50 a.m., in the Council Chambers.

Members Present: M. Palleschi, Acting Regional Chair; C. Fonseca, Regional Councillor; N. Polsinelli, Interim Chief Administrative Officer; S. VanOfwegen, Commissioner of Finance and Chief Financial Officer

Members Absent: N. Iannicca, Regional Chair, due to other municipal business

Also Present: J. Pittini, Director, Treasury Services; S. Nagel, Treasurer & Director of Corporate Finance; S. Hodgson, Treasury Portfolio Manager, Treasury Services; K. Lockyer, Regional Clerk and Director of Legal Services; H. West, Committee Clerk, H. Gill, Legislative Specialist; R. Khan, Technical Coordinator

Chaired by Acting Regional Chair Palleschi.

1. DECLARATIONS OF CONFLICTS OF INTEREST - Nil

2. APPROVAL OF AGENDA

Moved by: Councillor Fonseca
Seconded by: N. Polsinelli

That the agenda for the October 10, 2019, Debt Issuance Committee meeting be approved.

Carried DEBT-2019-5

* See text for arrivals

◆ See text for departures

3. REPORTS**3.1 Terms of Debt Issue (Oral)**

**Presentation by Julie Pittini, Director, Treasury Services and
Scott Hodgson, Treasury Portfolio Manager, Treasury Services,
Finance**

Received DEBT-2019-6

Julie Pittini, Director, Treasury Services, provided an overview of the serial debenture issuance. Specifically, the total amount of the debenture was \$51.76 million, \$48.15 million for the City of Mississauga and \$3.61 million for the Town of Caledon.

Scott Hodgson, Treasury Portfolio Manager, Treasury Services, provided a summary of the transaction. It was noted that with interest rates declining over the past year, and solid investor demand, the Region of Peel was able to secure all-in pricing of 2.209% on the debentures.

4. BY-LAWSThree Readings

By-law 58-2019: To authorize the borrowing upon ten year instalment debentures in the aggregate principal amount of \$51,760,000 for capital works of The Corporation of the City of Mississauga and The Corporation of the Town of Caledon.

Moved by: N. Polsinelli
Seconded by: S. VanOfwegen

That the by-law listed on the Debt Issuance Committee agenda, being By-law 58-2019, be given the required number of readings, taken as read, signed by the Acting Regional Chair and the Regional Clerk, and the Corporate Seal affixed thereto.

Carried DEBT-2019-7

5. OTHER BUSINESS - Nil

6. CONFIRMING BY-LAW

Moved by: Councillor Fonseca
Seconded by: S. VanOfwegen

That By-law 59-2019 to confirm the proceedings of the Debt Issuance Committee at its meeting held on October 10, 2019, and to authorize the execution of documents in accordance with the Region's by-laws relating thereto, be given the required number of readings, taken as read, signed by the Acting Regional Chair and the Regional Clerk and the Corporate Seal affixed thereto.

Carried DEBT-2019-8

8. ADJOURNMENT

The meeting adjourned at 8:56 a.m.

Regional Clerk

Acting Regional Chair



The Regional Municipality of Peel
POLICE SERVICES BOARD
10 PEEL CENTRE DR., BRAMPTON, ON L6T 4B9

TELEPHONE: 905-458-1340
FACSIMILE: 905-458-7278
www.peelpoliceboard.ca

September 30, 2019

RECEIVED

October 1, 2019

REGION OF PEEL
OFFICE OF THE REGIONAL CLERK

Ms. K. Lockyer
Director and Regional Clerk
Regional Municipality of Peel
10 Peel Centre Drive
Brampton, ON L6T 4B9

Dear Ms. Lockyer,

RE: #06-09-19 – 2019 VCOM Group Annual Report

On September 27, 2019 the Regional Municipality of Peel Police Services Board considered a report dated July 29, 2019, from A/Deputy Chief R. Patrick, Corporate Services, providing the Board with the annual report on the activities of the VCOM group.

The following motion was passed by the Board:

That the 2019 VCOM Group annual report be received;

And further, that the 2019 VCOM Group Annual Report be forwarded to Regional Council for information;

And further, that the 2019 VCOM Group Annual Report be forwarded to the Regional Fire Coordinator for information.

In keeping with the Board's motion, I have enclosed a copy of the 2019 VCOM Group Annual Report.

Should you have any questions or concerns, please do not hesitate to contact the Board office.

Yours truly,

Robert Serpe
Executive Director

RECEIVED

OCT 01 2019

Region of Peel
Clerks Dept.

Attach.

REFERRAL TO _____
RECOMMENDED _____
DIRECTION REQUIRED _____
RECEIPT RECOMMENDED _____



17.1-2

FORWARDED TO
POLICE SERVICES BOARD

DATE August 16, 2019

C.M. Cant
CHIEF OF POLICE

RECEIVED BY
PEEL POLICE SERVICES BOARD

DATE AUGUST 19, 2019

LOG No. 74

FILE CLASS V04

06-09-19

REPORT
Police Services Board
For Information

File Class: 1-01-02-01

Cross-Reference File Class: _____

DATE: July 29, 2019

SUBJECT: 2019 VCOM GROUP ANNUAL REPORT

FROM: Randy Patrick, Acting Deputy Chief, Corporate Services Command

RECOMMENDATION

IT IS RECOMMENDED THAT the 2019 VCOM Group Annual Report be received by the Police Services Board for information.

AND FURTHER THAT, the 2019 VCOM Group Annual Report be forwarded to Regional Council for information.

AND FURTHER THAT, the 2019 VCOM Group Annual Report be forwarded to the Regional Fire Coordinator for information.

REPORT HIGHLIGHTS

- System Activities & Service Levels
- Financial Trend Summary
- P25 Upgrade Status
- Private Public Safety Broadband Network Project (PSBN)
- VCOM Interference from LTE operations in the 800 MHz band

DISCUSSION

1. Background

In accordance with the June 8, 1995 agreement between the Regional Municipality of Peel, the City of Brampton, the City of Mississauga, the Town of Caledon, and the Peel Police Services Board, a VCOM Group was formed in the summer of 1997 to manage the operation of the radio system. Section 6 of that agreement states in part:

RECEIVED

AUG 15 2019
19-1139

OFFICE OF THE CHIEF

'The VCOM Group will be accountable to Regional Council through the Police Services Board and report annually in September of each year on its activities to Regional Council, through the Chief of Police to the Police Services Board with an information report forwarded to the Regional Fire Coordinator.'

2. Findings

VCOM Group Activities

The VCOM System entered its 22nd year of operation, functioning well to support 8 public-safety/public-service agencies within the Region of Peel. Since 2008 the VCOM System has delivered an average of one million minutes of airtime per year.

The following are noteworthy activities from the past year:

- **System Users:**

At present, the VCOM System supports a total system capacity of 5,514 radios at a Public-Safety Grade of Service. System loading to date is well within operational tolerances. Average Site Utilization during the past 12 months was 33.7%. Service levels remain acceptable during this reporting period.

Current users of the VCOM system along with the number of radios as of Aug 2019 are:

Peel Regional Police *	1814	34.5%
Brampton Fire & Emergency Services *	292	5.5 %
Caledon Fire & Emergency Services *	187	3.5 %
Mississauga Fire & Emergency Services *	281	5.3%
Region of Peel Works *	536	10.1%
Total VCOM Group	3110	58.8 %
Hydro One Brampton	139	2.6 %
City of Mississauga Non-Emergency	1235	23.3%
Canada Border Services Agency (CBSA) – Toronto Pearson International Airport	810	15.3%
Total VCOM Users	2184	41.2 %
Grand Total of All VCOM System Users	5295	100.0%

* denotes VCOM Group member, others are VCOM Users.

- **Financial Trends:**

VCOM operates on a not-for-profit business model. Users only pay for the services required to operate and maintain the VCOM System infrastructure. The P25 VCOM Infrastructure Operating Budget is based on a Public Safety Grade of Service (GOS) capacity of 5,514 radios. The 2019 per radio operating cost of \$421.79 and is an increase of \$50.14 per radio from 2018. This value is based on a total gross operating budget of \$2,581,750 less expected tower revenues of \$256,000. The increase of 13.43% in operating costs was due to a rise in software maintenance, licence fees, insurance and wages. These expenses were

partially offset by an increase in tower revenues from contract renewals by cellular providers on VCOM tower sites.

- ***VCOM System Upgrade Status***

Construction of the Bolton VCOM Radio site, located on the Region of Peel West Bolton Water tower was completed and as of October 18, 2018, has been online and operational. With the completion of the Bolton radio site, in early 2019 Motorola completed the final activities which included a full set of system documentation and coverage maps.

- ***Private Public Safety LTE Project***

VCOM has initiated a 2 year pilot project to establish a private public safety LTE Broadband network within the Region of Peel. VCOM has identified 9 sites throughout the Region which will provide good coverage throughout the Region for the proof of concept. While understanding during the proof of concept there will not be full coverage in the Region of Peel.

In late 2018, contracts with Motorola were finalized and the project officially began in 2019. To date, all equipment is ordered and partially received, VCOM site readiness is underway with consulting engineers. VCOM partner consultation for technical and functional configurations is also underway. The project is currently progressing on schedule and on budget. The LTE network is expected to be operational by the end of 2019.

In June 2019, the Federal Government issued a progress report on a National Public Safety Broadband Network, which had a mandate to develop options and recommendations for a PSBN for public safety and first responders across Canada. This report is an interim report which noted there are a number of delivery models being considered for a national PSBN, and that there may be a number of different models required to ensure national coverage. The three options remain, a private dedicated model, one of which is the Halton Police Service/Peel Police deployment, a Public/Private model, an example is FirstNet in the US and a Commercial Network, fully owned by public commercial carriers as in the UK. The Federal Government continues to study the options and expects to have a policy paper presented to the Federal-Provincial-Territorial Ministers in charge of Emergency Management in 2020.

- ***VCOM Dynamic System Resilience***

In order to harden the VCOM system, a project to build and commission a fully redundant Motorola Dynamic System Resilience (DSR) solution was undertaken in 2018. It included a back-up Master Site and Geo-Redundant Prime Site as well as all operational items that were available at the original Master and Prime site.

The DSR was installed and configured at the Bolton VCOM radio site and was successfully implemented February 2019. In June 2019, the DSR site was successfully put into production to facilitate the Communications renovation project while cutting over electrical work in the VCOM prime data centre.

- ***VCOM Interference from LTE operations in the 800 MHz band***

In May 2018, VCOM received a complaint of coverage in what was known to be an area with good coverage. Upon investigation it was noted the VCOM control channel was being degraded to the point of being inoperable. It was noted that a cellular site was within close proximity to the area and was found to be a Rogers Wireless site.

VCOM reached out to Rogers and after a quick test with the Rogers interference specialist, VCOM's suspicion of interference was confirmed. VCOM learned that Rogers had begun their deployment of 850 MHz LTE. VCOM received more complaints of subscribers showing "out of range" on the radio display. VCOM and Rogers investigated each area and confirmed the same issue. The new LTE band was interfering with VCOM subscribers on both Motorola and Tait user gear which poses a serious safety risk to public safety operations within the Region of Peel. Rogers immediately decreased its base station power level on a precautionary basis following the tests and VCOM service returned to normal levels immediately. Rogers will not increase the power to their base stations until the issue can be resolved.

In October 2018, VCOM submitted a report describing the results of these tests to the Federal Government Agency- Innovation, Science and Economic Development (ISED) - who oversee radio telecommunications in Canada, describing the situation whereby the Rogers LTE base stations were causing desensitization of VCOM's mobile and portable radios. ISED in turn conducted in-field tests in collaboration with VCOM technologists and Rogers, over three days in March 2019.

In June 2019, ISED sent VCOM and Rogers their findings, which did confirm signal loss but were not able to make a determination on how to proceed. They have requested that continued testing and information gathering continue while the Rogers signal must still remain at the decreased level.

Although VCOM was the one of the first to experience the interference from the Rogers LTE deployment, the effects could be felt on a national level to other Public Service agencies. ISED has noted they must study the aggregate impact that Cellular LTE emissions have on the network coverage of public safety networks; and study the impact of that Cellular base stations operating multiple carriers have on land mobile receivers.

- ***Mississauga City Center – Building Density***

Increasing building density across the Region is causing instances of interrupted radio communications. The Mississauga City Center core is especially problematic and requires coverage enhancement to improve communications reliability. Coverage enhancement systems are very expensive and easily run into hundreds of thousands of dollars. New construction activity will likely further detrimentally affect radio communications in the area.

A Regional policy that requires new construction to include VCOM radio coverage enhancement would address this growing issue in a cost effective manner.

CONCLUSION

The VCOM upgrade project is complete and within budget, in-building coverage continues to be problematic and managed appropriately.

The VCOM Group is pleased to report that the VCOM System continues to serve the needs of our member municipalities and partner agencies with reliable and cost effective communications.

Approved for Submission:

Randy Patrick, Acting Deputy Chief, Corporate Services Command

For further information regarding this report, please contact Acting Deputy Chief Randy Patrick, at extension 4100 or via e-mail at randy.patrick@peelpolice.ca

Authored By: Susan Payne, VCOM and Support Services Manager, ext. 4943.

THE REGIONAL MUNICIPALITY OF PEEL

BY-LAW NUMBER 61-2019

A by-law to amend By-law 34-2018, being a by-law passed under Section 1.2 of the *Retail Business Holidays Act* providing that the Act does not apply to The Regional Municipality of Peel and under Section 148 of the *Municipal Act, 2001* to regulate closing of business establishments within The Regional Municipality of Peel on a holiday.

WHEREAS, the Council of The Regional Municipality of Peel (“Region”) on the 14th day of June 2018, enacted By-law 34-2018 under section 1.2 of the *Retail Business Holidays Act* providing that the Act does not apply to The Regional Municipality of Peel (the “Region”), any by-law of the Region, or any retail business establishment located in the Region;

AND WHEREAS, an amendment is proposed to By-law 34-2018 to include additional wording to confirm the intent and provide more clarity in interpretation as it relates to local municipal flexibility in implementing exemptions to permit businesses to be open on statutory holidays through local tourism strategies;

AND WHEREAS, the Council of the Regional Corporation has by resolution adopted on the 24th day of October 2019, authorized the enactment of this by-law to amend By-law 34-2018;

NOW THEREFORE, the Council of the Regional Corporation enacts as follows:

1. That By-law 34-2018 is hereby amended by deleting Sub-section 4(8) and replacing it with the following:

“Retail Establishments and Areas in the Local Municipal Tourism Strategy

- 4(8) Sections 2 and 3 do not apply in respect of the sale or offering for sale of retail goods or services on a Holiday by any Retail Business Establishment that is within an area specifically geographically delineated and identified for retail holiday opening in a Tourism Strategy adopted by the Council of any Local Municipality, as such Tourist Strategy may be amended from time to time by the Council of the Local Municipality, save and except that no Retail Business Establishment within such Tourism Strategy area shall open on Family Day or Christmas Day and sections 2 and 3 continue to apply to them on those days. For greater clarity a Tourism Strategy may contain policies governing the eligibility or ineligibility of a Retail Business Establishment within a delineated geographical area identified for retail holiday opening in respect of the sale or offering for sale of retail goods or

services on a Holiday and may establish processes and criteria for the determination of such eligibility or ineligibility.”

READ THREE TIMES AND PASSED IN OPEN COUNCIL this 24th day of October, 2019.

Regional Clerk

Regional Chair

THE REGIONAL MUNICIPALITY OF PEEL

BY-LAW NUMBER 62-2019

A by-law to allocate federal gas tax surplus administration funds to the City of Brampton, the City of Mississauga and the Town of Caledon for the year 2019.

WHEREAS on April 1st, 2014, and on the approval of Regional Council, The Regional Municipality of Peel (the "Region of Peel") entered into a Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds (the "MFA") with The Association of Municipalities of Ontario (the "AMO");

AND WHEREAS, the Region of Peel wishes to allocate to the City of Brampton, the City of Mississauga and the Town of Caledon (collectively, the "Transferee Municipalities"), a portion of the federal gas tax surplus administration funds the Region is entitled to receive under the said MFA for the year 2019;

AND WHEREAS, Section 6.2 of the MFA provides that the Region of Peel shall enact a By-law to authorize the further allocation of federal gas tax surplus administration funds to the Transferee Municipalities;

AND WHEREAS, the City of Brampton, the City of Mississauga and the Town of Caledon has each executed and delivered to AMO a written undertaking to assume all of the Region of Peel's obligations under the MFA with respect to the federal gas tax surplus administration funds transferred pursuant to section 6.2(c) of the MFA;

NOW THEREFORE, the Council of the Regional Corporation enacts as follows:

1. That the Region of Peel shall allocate a portion of the 2019 federal gas tax surplus administration funds when advanced to the Region of Peel under the MFA, to the Transferee Municipalities in accordance with the amounts shown in Table 1;

Table 1

	<u>Mississauga</u>	<u>Brampton</u>	<u>Caledon</u>	<u>Total</u>
Surplus Funds	\$333,451.12	\$274,320.30	\$30,730.59	\$638,502.01

2. The federal gas tax surplus administration funds allocated to the Transferee Municipalities shall be subject to the requirement that each Transferee Municipality execute and deliver to the Region of Peel an

indemnification agreement in a form substantially as attached hereto as Schedule "A".

3. The allocation of federal gas tax surplus administration funds to the Transferee Municipalities pursuant to this by-law are entirely contingent upon the receipt by the Region of Peel of payment of federal gas tax surplus administration funds from the AMO as provided for in the MFA.
4. Schedule "A" shall form part of this By-law.

READ THREE TIMES AND PASSED IN OPEN COUNCIL this 24th day of October, 2019.

Regional Clerk

Regional Chair

INDEMNITY AGREEMENT AND ASSIGNMENT OF MUNICIPAL FUNDING AGREEMENT FOR THE TRANSFER OF FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS

This Agreement made in duplicate as of the _____ day of _____, 2019.

BETWEEN:

THE REGIONAL MUNICIPALITY OF PEEL
(referred to herein as the "*Recipient*")

- and -

THE CORPORATION OF THE CITY OF MISSISSAUGA
(referred to herein as the "*Eligible Recipient*")

1. In consideration of the following allocation of surplus administration funds by the Recipient under By-law Number 62-2019, the Eligible Recipient hereby agrees to assume all of the Recipient's obligations under the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the Association of Municipalities of Ontario and the Recipient dated April 1, 2014, as amended, save and except those obligations that cannot be assumed under paragraph 6.2 thereof and hereby agrees to indemnify and save the Recipient harmless from and against any and all losses, costs, charges, damages, expenses, claims or actions arising from or as a result of any failure of the Eligible Recipient to comply with the obligations assumed:

2019 \$333,451.12

2. The acknowledged allocation of surplus administration funds to the Eligible Recipient pursuant to the above referenced by-law are entirely contingent upon the receipt by the Recipient of payment of Federal Gas Tax Funds from the Association of Municipalities of Ontario as provided for in the Municipal Funding Agreement.

IN WITNESS WHEREOF the parties hereto have respectively executed sealed and delivered this Agreement.

THE REGIONAL MUNICIPALITY OF PEEL

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

Document Execution No. _____
I/We have the authority to bind the Regional Corporation

20-6
THE CORPORATION OF THE CITY OF MISSISSAUGA

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

INDEMNITY AGREEMENT AND ASSIGNMENT OF MUNICIPAL FUNDING AGREEMENT FOR THE TRANSFER OF FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS

This Agreement made in duplicate as of the _____ day of _____, 2019.

BETWEEN:

THE REGIONAL MUNICIPALITY OF PEEL
(referred to herein as the "*Recipient*")

- and -

THE CORPORATION OF THE CITY OF BRAMPTON
(referred to herein as the "*Eligible Recipient*")

1. In consideration of the following allocation of surplus administration funds by the Recipient under By-law Number 62-2019, the Eligible Recipient hereby agrees to assume all of the Recipient's obligations under the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the Association of Municipalities of Ontario and the Recipient dated April 1, 2014, as amended, save and except those obligations that cannot be assumed under paragraph 6.2 thereof and hereby agrees to indemnify and save the Recipient harmless from and against any and all losses, costs, charges, damages, expenses, claims or actions arising from or as a result of any failure of the Eligible Recipient to comply with the obligations assumed:

2019 \$274,320.30

2. The acknowledged allocation of surplus administration funds to the Eligible Recipient pursuant to the above referenced by-law are entirely contingent upon the receipt by the Recipient of payment of Federal Gas Tax Funds from the Association of Municipalities of Ontario as provided for in the Municipal Funding Agreement.

IN WITNESS WHEREOF the parties hereto have respectively executed sealed and delivered this Agreement.

THE REGIONAL MUNICIPALITY OF PEEL

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

Document Execution No. _____
I/We have the authority to bind the Regional Corporation

20-8
THE CORPORATION OF THE CITY OF BRAMPTON

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

INDEMNITY AGREEMENT AND ASSIGNMENT OF MUNICIPAL FUNDING AGREEMENT FOR THE TRANSFER OF FEDERAL GAS TAX SURPLUS ADMINISTRATION FUNDS

This Agreement made in duplicate as of the _____ day of _____, 2019.

BETWEEN:

THE REGIONAL MUNICIPALITY OF PEEL
(referred to herein as the "*Recipient*")

- and -

THE CORPORATION OF THE TOWN OF CALEDON
(referred to herein as the "*Eligible Recipient*")

1. In consideration of the following allocation of surplus administration funds by the Recipient under By-law Number 62-2019, the Eligible Recipient hereby agrees to assume all of the Recipient's obligations under the Municipal Funding Agreement for the Transfer of Federal Gas Tax Funds between the Association of Municipalities of Ontario and the Recipient dated April 1, 2014, as amended, save and except those obligations that cannot be assumed under paragraph 6.2 thereof and hereby agrees to indemnify and save the Recipient harmless from and against any and all losses, costs, charges, damages, expenses, claims or actions arising from or as a result of any failure of the Eligible Recipient to comply with the obligations assumed:

2019 \$30,730.59

2. The acknowledged allocation of surplus administration funds to the Eligible Recipient pursuant to the above referenced by-law are entirely contingent upon the receipt by the Recipient of payment of Federal Gas Tax Funds from the Association of Municipalities of Ontario as provided for in the Municipal Funding Agreement.

IN WITNESS WHEREOF the parties hereto have respectively executed sealed and delivered this Agreement.

THE REGIONAL MUNICIPALITY OF PEEL

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

Document Execution No. _____
I/We have the authority to bind the Regional Corporation

20-10
THE CORPORATION OF THE TOWN OF CALEDON

Date

Per: _____
Name:
Title:

Date

Per: _____
Name:
Title:

I/We have authority to bind the Corporation

**ADDITIONAL MATERIALS
DISTRIBUTED AT MEETING**

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Peel Region Delegation References

<http://c4st.org/safety-code-6/>

<https://emfscientist.org/index.php/emf-scientist-appeal>

http://www.emf-health.com/PDFreports/Germanreport_celltower.pdf

http://www.emf-health.com/PDFreports/Israelstudy_celltower.pdf

https://www.youtube.com/watch?time_continue=1&v=tqYczFa_KZM

<https://onlinelibrary.wiley.com/doi/full/10.1111/andr.12645>

<https://www.ncbi.nlm.nih.gov/pubmed/21741680>

<https://www.chinadialogue.net/article/show/single/en/5193-Decline-of-bees-forces-China-s-apple-farmers-to-pollinate-by-hand>

<https://thelawdictionary.org/nuremberg-code-of-ethics/>

Additional Resources

www.5gappeal.eu

www.radiationhealthrisks.com

<https://sacramento.cbslocal.com/2019/03/12/school-cell-tower-causing-cancer/>

<https://ehtrust.org>

<https://www.radiationresearch.org/research/dr-martin-palls-latest-compilation-of-emf-medical-research-literature/>

**RECEIVED**

October 23, 2019

REGION OF PEEL

OFFICE OF THE REGIONAL CLERK

REFERRAL TO _____

RECOMMENDED

DIRECTION REQUIRED _____

RECEIPT RECOMMENDED _____

October 22, 2019

Re: Agenda Item 14.1: Follow up report regarding exemptions included in the Peel Retail Business Closings By-Law

Attn: Chair and Members of Peel Regional Council

As the largest shopping centre in Ontario and the second largest shopping centre in Canada, Square One is a significant tourism asset for the City of Mississauga, attracting 23 million visitors a year¹. At the Tourism Industry Association of Ontario (TIAO) we recognize that Square One is not only the 5th busiest shopping centre in Canada, it is also a key tourism attraction as it is part of the heart of downtown Mississauga, and includes various urban uses and tourist attractions such as Celebration Square, live theatre, a library, the Rec Room, and the Food District. As such, we submit this letter of support for Square One's exemption from the Ontario Business Holiday Act. We recommend that Square One's exemption be granted under Section 4 (1) of the Business Holiday Act that permits the council of a municipality may by by-law permit retail business establishments in the municipality to be open on holidays for the maintenance or development of tourism. 1991, c. 43, s. 1 (1).

Tourism matters in Ontario. Our industry represents more than \$34 billion in annual receipts and 4.3 per cent of the provincial GDP. Tourism contributes more than \$5 billion annually in tax revenues for the government of Ontario, meaning that the total economic contribution of tourism is larger than agriculture, forestry and mining combined. We know that retail tourism is a significant driver of the economy in Ontario, with inbound visitors to the Greater Toronto Area spending 36% on retail and visitors from China leading the way in Ontario with inbound retail spending at 73%².

Tourism creates jobs in Ontario, and Square One is leading the way in job creation through the 330 stores, ranging from larger retailers including Walmart, Hudson's Bay, Holt Renfrew, La Maison Simons, to more niche retailers such as beauty brands Deciem and Urban Decay.

We recognize the ongoing commitment that Square One has to collaborate with community partners to develop and expand the tourism base in Mississauga. Most recently, Square One introduced an innovative program for tourist shoppers, which includes anyone who has travelled over 60+ km to shop at Square One. For the full economic benefits and the continued expansion of the tourism base in Mississauga, Square One requires the opportunity to be open to serve the community and tourist visitors alike on Statutory Holidays.

At TIAO we work on behalf of our membership, collectively representing more than 188,000 businesses and 391,000 employees, to take on pressing policy issues that impact the Ontario tourism industry. As the recognized voice of our industry and advocate for tourism business priorities at the provincial level, we are working for the continued reduction of red tape in order to ensure the tourism industry reaches

¹ Canadian Retail Council of Canada, 2018 Report Canadian Shopping Centre Study

² Travel and Destination Analytics Ontario, Global Payment Report 2018



its full potential as an economic driver. We fully support and endorse an approach that would allow Square One to continue to serve as an economic driver and key tourism attraction for the City of Mississauga. We are available for further consultation regarding the details we of our support outlined in this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Beth". The signature is fluid and cursive, with a long horizontal stroke at the end.

Beth Potter
President and CEO
Tourism Industry Association of Ontario