



The Regional Municipality of Durham

COUNCIL INFORMATION PACKAGE

November 24, 2017

Information Reports

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- [2017-INFO-139](#) Commissioner of Corporate Services – re: Update on Bill 148, Fair Workplaces, Better Jobs Act, 2017

Early Release Reports

There are no Early Release Reports

Staff Correspondence

1. [Briefing note from Durham Region Health Department](#) – re: Bill 174: The Cannabis Act, including correspondence from Algoma Public Health
2. [Memorandum from Dr. R. Kyle, Commissioner and Medical Officer of Health](#) – re: Proposed Amendments to Regulations made under the Health Protection and Promotion Act (HPPA)
3. [Memorandum from Dr. R. Kyle, Commissioner and Medical Officer of Health](#) – re: Release of the Ontario Public Health Standards: Requirements for Programs, Services, and Accountability

Durham Municipalities Correspondence

1. [Town of Ajax](#) – re: Paradise Park & Beach Improvements Project Update

Other Municipalities Correspondence/Resolutions

1. [City of Hamilton](#) – re: Resolution passes at their Council meeting held on November 8, 2017, endorsing the Town of Lakeshore's resolution respecting the Provincial Flood Insurance Program
2. [Town of Tillsonburg](#) – re: Resolution passed at their Council meeting held on November 13, 2017, calling on the Province of Ontario to formally grant municipalities the authority to approve landfill projects in or adjacent to their communities, prior to June 2018
3. [Township of East Zorra-Tavistock](#) – re: Resolution passed at their Council meeting held on November 15, 2017, calling on the Province of Ontario to formally grant municipalities the authority to approve landfill projects in or adjacent to their communities, prior to June 2018
4. [The Corporation of the Township of Ignace](#) – re: Resolution passed at their Council meeting held on November 13, 2017, supporting the Provincial Flood Insurance Program

Miscellaneous Correspondence

1. [Association of Municipalities of Ontario \(AMO\)](#) – re: An e-mail of Thanks for Durham Region Council's resolution in support of the Local Share
2. [The Attorney General](#) – re: Advising that the Stronger, Fairer Ontario Act (Budget Measures), 2017, was introduced in the Legislature on November 14, 2017 and cutting some proposed amendments

3. [Aiesha Zafar, Director, Commercial Operations District, Greater Toronto Area Region, Canada Border Services Agency](#) – re: Providing updated information with respect to the CBSA’s services at the Oshawa Executive Airport
4. [Ministry of the Environment and Climate Change](#) – re: Minister’s Annual Report on Drinking Water 2017
5. [Toronto and Region Conservation Authority](#) – re: Resolution #A185/17 was approved at their meeting held on October 27, 2017 in regards to the 2016 Lake Ontario Workshops and 2017/2018 Western Lake Ontario Basin – Lake Initiative

Advisory Committee Minutes

1. 9-1-1 Management Board Committee minutes – [October 31, 2017](#)
2. Durham Agricultural Advisory Committee minutes (DAAC) – [November 7, 2017](#)
3. Durham Nuclear Health Committee (DNHC) minutes – [November 17, 2017](#)

Members of Council – Please advise the Regional Clerk at clerks@durham.ca by 9:00 AM on the Monday one week prior to the next regular Committee of the Whole meeting, if you wish to add an item from this CIP to the Committee of the Whole agenda.



The Regional Municipality of Durham Information Report

From: Commissioner of Corporate Services
Report: #2017-INFO-129
Date: November 24, 2017

Subject:

2017 Committee Web Viewing Statistics to Date

Recommendation:

Receive for information

Report:

1. Purpose

1.1 The purpose of this report is provide Regional Council with the statistics of live viewing and on-demand viewing of the Regional Committee of the Whole and other meetings for 2017 to date, and to respond to the resolution from the Energy From Waste – Waste Management Advisory Committee (EFW-WMAC) regarding the live web streaming and archiving of their meetings.

2. Results

2.1 The following table outlines the number of live and on-demand (post meeting) views of each of the respective meetings.

Meeting	Live Views	On Demand View (Post Meeting)
Committee of the Whole	170	698
Transit Executive Committee	9	68
Durham Regional Police Services Board	134	359

2.2 Regional staff is unable to provide the viewership of Regional Council meetings as they are currently broadcast and web streamed by Rogers Television.

2.3 With respect to the request from the EFW-WMAC for their meetings to also be live

web streamed, to date there is no Council resolution that authorizes such additional web streaming. It should be noted that if Council approves that this meeting be web streamed, there are some logistical items that would need to be considered with this undertaking.

- 2.4 There would be additional costs associated with the web streaming as Corporate Services - Information Technology staff would now be required to stay at the meeting to monitor and support the web streaming.
- 2.5 At present, only the Council Chambers and meeting rooms LL-C, 1-A, 1-B have the capability to web stream live meetings, but only the LL-C and Council Chambers have been used to this point. This limits where the EFW-WMAC meetings can be held and any off-site meetings could not be web streamed or archived on the Region's website.
- 2.6 It should also be noted that only one meeting can be live web streamed at a time. If there are multiple meetings occurring at the same time, decisions as to which meeting is live web streamed will need to be made. However, all meetings can be archived.
- 2.7 Should Regional Council adopt a motion for the EFW-WMAC meetings to be web streamed, a precedence could be set for other Advisory Committee's to also be live web streamed, leading to other potential scheduling and logistical issues, as the number of committees and groups is in excess of 20, with potentially selective/small viewership.

Respectfully submitted,

D. Beaton
Commissioner of Corporate Services



The Regional Municipality of Durham Information Report

From: Commissioner of Finance
Report: #2017-INFO-130
Date: November 24, 2017

Subject:

Economic Update – Housing Starts and Resale Housing Market

Recommendation:

Receive for information.

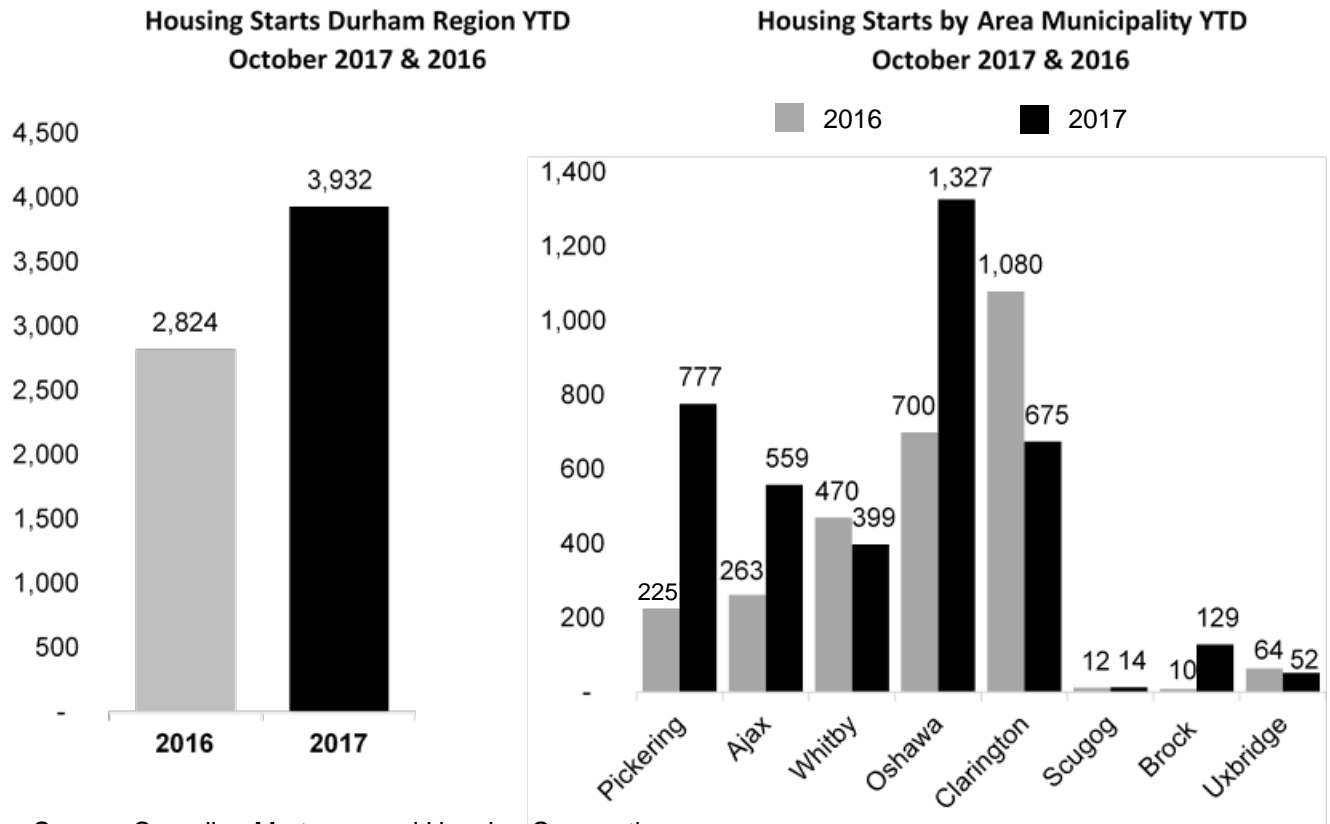
Report:

1. Purpose

- 1.1 The purpose of this report is to provide information on the broader housing market in Durham Region, including housing starts year-to-date (YTD) and trends in resale home volume and resale home prices.
- 1.2 The Finance Department monitors economic conditions on an ongoing basis with periodic summary reports to the Committee of the Whole and Regional Council. This information assists in identifying risks and will be a key consideration for 2018 business planning, the multi-year forecast and the Development Charge By-law Review.

2. Housing Starts

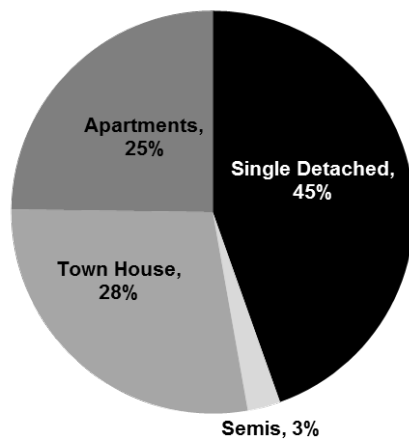
- 2.1 Year to date (October 2017) housing starts across Durham Region show stronger growth than 2016 over the same period with 3,932 housing starts achieved in 2017 to October compared to 2,824 in 2016.



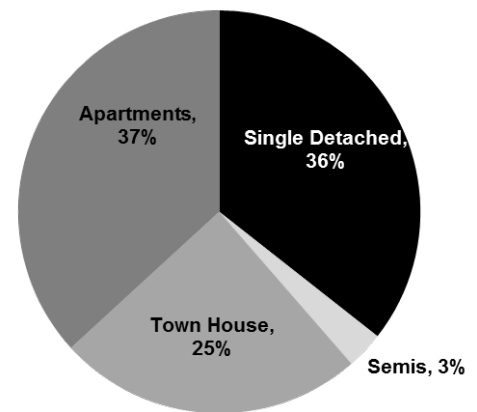
Source: Canadian Mortgage and Housing Corporation

- 2.2 Across the area municipalities, year over year growth is strongest in the lakeshore communities of Oshawa, Pickering and Ajax. Housing starts are down over the same period last year in Clarington, Whitby and Uxbridge.
- 2.3 To the end of October 2017, the composition of housing types look substantially different than the 2016 housing mix. Single detached homes represent 36 per cent of housing starts to date in 2017, whereas they represented 45 per cent over the same period in 2016. Meanwhile, apartments represented 37 per cent of housing starts to date in 2017 where as they represented 27 per cent over the same period in 2016.

Durham Housing Starts Mix by Unit Type (2016)



Durham Housing Starts Mix by Unit Type (2017 YTD)

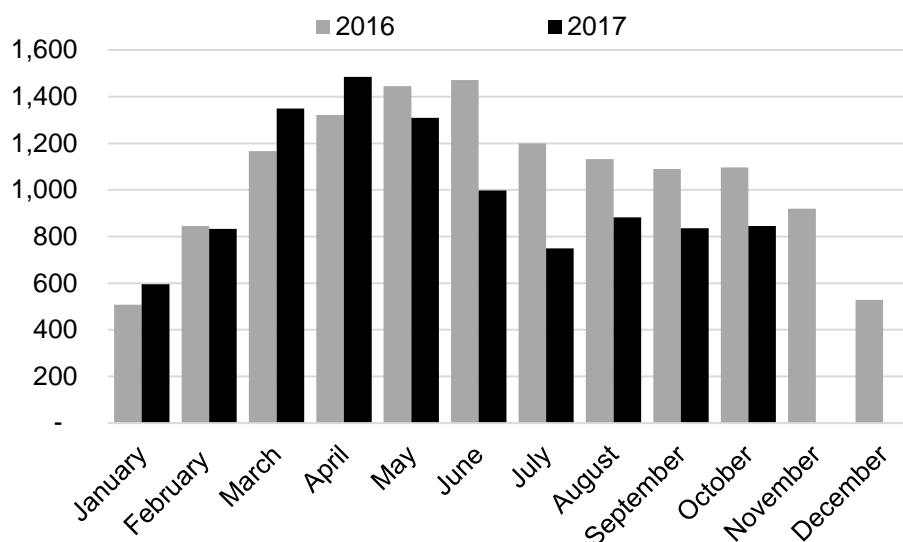


Source: Canadian Mortgage and Housing Corporation

3. Resale Housing Market

- 3.1 In October resale home sales were down 23 per cent year over year (1,096 in 2016 and 845 in 2017) reflecting an overall year to date slower resale housing market (down 13 per cent).

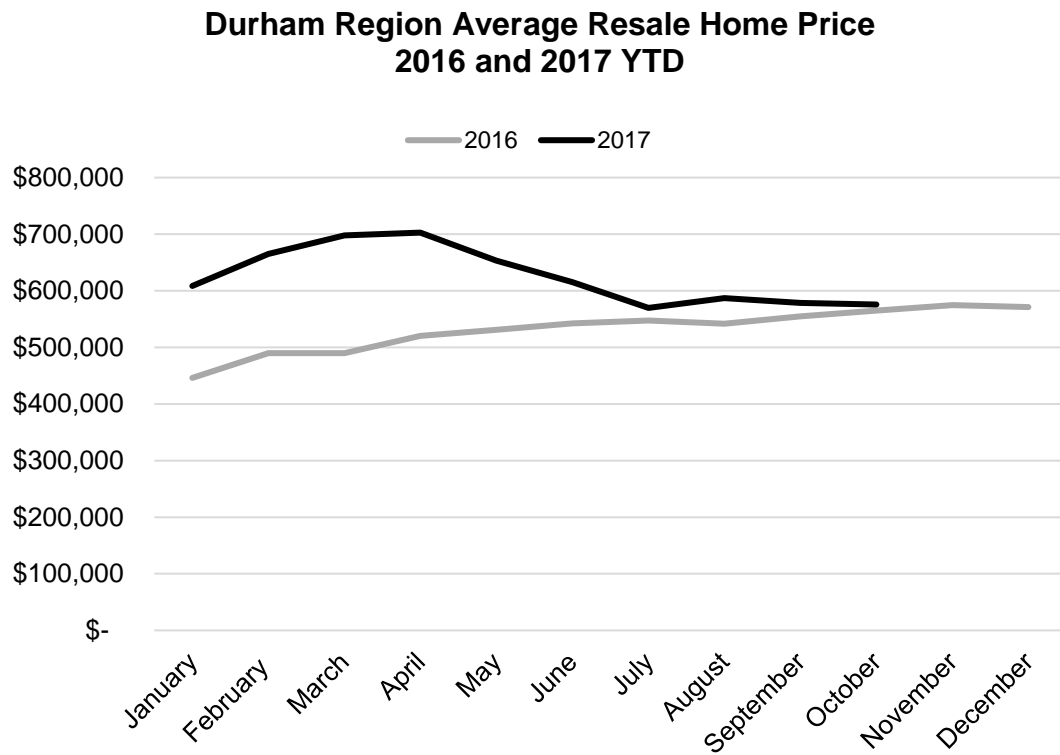
**Durham Region Resale Homes
Volume of Sales 2016 and 2017 YTD**



Source: Toronto Real Estate Board

- 3.2 Despite slower sales, resale home prices across Durham Region remain higher than 2016 levels with the average October year-to-date home price in 2016 at \$528,689 and the 2017 year to date average at \$635,753.

- 3.3 However, the 2017 average price has declined in recent months as the market has cooled. The October 2017 average price is down about 18 per cent from the 2017 peak price of \$702,768 in April.



Source: Toronto Real Estate Board Market Watch

Conclusion

- 3.4 The Finance Department will continue to monitor the economic environment and relevant indicators as they will impact the current Business Planning process.

Respectfully submitted,

Original signed by

R.J. Clapp, CPA, CA
Commissioner of Finance



The Regional Municipality of Durham Information Report

From: Commissioner of Social Services
Report: #2017-INFO-131
Date: November 24, 2017

Subject:

2017 Annual Resident Quality Inspection for Hillsdale Terraces Conducted by Representatives of the Ministry of Health and Long-Term Care

Recommendation:

Receive for information

Report:

1. Purpose

1.1 This report provides the results of the annual Resident Quality Inspections at Hillsdale Terraces conducted by representatives of the Ministry of Health and Long-Term Care (MOHLTC).

2. Background

2.1 The MOHLTC conducts Resident Quality Inspections (RQIs) of all Long-Term Care (LTC) Homes under the Long-Term Care Homes Act, 2007 (LTCHA). These comprehensive, unannounced inspections are conducted for the purpose of ensuring compliance with the requirements under the Act and its regulations.

2.2 The LTC Home inspection process was completely redesigned under the Compliance Transformation Project. Key features of the RQI include structured interviews with 40 randomly selected residents and numerous family members and staff, direct observation of how care is being delivered as well as specifically targeted record reviews. In addition, the MOHLTC undertakes inspections of Critical Incident (CI) Reports and complaints concurrent with the RQI and all issues of non-compliance identified are included in the inspection report. There are over 900 regulations that homes are measured against during the inspections.

- 2.3 For each finding of non-compliance, a written notification (WN) is issued to the Home and the inspector has the option to issue:
- a written request for the Home to prepare a written plan of correction to be implemented voluntarily (VPC);
 - compliance order or a work and activity order;
 - a written notification to the Home and refer the matter to the Director at the MOHLTC.
- 2.4 Copies of the inspection report must be provided to Resident Council and Family Council and must be posted for public viewing in a conspicuous place within the Home. The report will also be published on the MOHLTC public reporting website at www.publicreporting.ltchomes.net.

3. Report

- 3.1 Four inspectors from the MOHLTC visited Hillsdale Terraces for 6 days, November 2-3, and 6-9, 2017 to complete the RQI. In addition to the RQI, 9 Critical Incident (CI) Reports were reviewed concurrently. There was 1 written notification (WN) of non-compliance related to plan of care.
- 3.2 The level of sanction issued by the MOHLTC was determined using a judgement matrix based on severity, scope and compliance history. A WN is the lowest level of non-compliance issued and while there is no requirement to develop a plan of correction, the Ministry expects to see compliance at the next unannounced inspection of the Home.

4. Provincial Annual Performance Data 2016 Compared with Region of Durham (ROD) LTCH Results - RQI

- 4.1 On September 14, 2017, the MOHLTC released annual performance data for 2016 RQIs. The following table provides information on the number of non-compliances issued in 2016 for the province along with averages from the 4 ROD LTC homes for 2016 and 2017. Compared to the provincial averages in 2016, the ROD homes received fewer non-compliance citations for both written notifications (WNS) and compliance orders (CO).

	2016 Provincial Average (627homes)	2016 Region of Durham Average (4 homes)	2017 Region of Durham Average (4 homes)
Written Notifications	7.43	7	5.3
Compliance Orders	0.84	0.75	0.5

5. Conclusion

- 5.1 As with the other regionally operated LTC homes, Hillsdale Terraces' staff is committed to continuously improving the quality and safety of the residents entrusted to our care.

Respectfully submitted,

Original signed by:

Dr. Hugh Drouin
Commissioner of Social Services



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2017-INFO-132
Date: November 17, 2017

Subject:

Monitoring of Land Division Committee Decisions of the September 11, 2017 and October 16, 2017 Meetings

Recommendation:

Receive for information

Report:

1. Background

1.1 The Regional Land Division Committee (LDC) was created by Regional Council on December 19, 1973 to make independent decisions on the disposition of consent applications (e.g. severance, right-of-way, lot line adjustment) that have been submitted to the Region for approval under the Planning Act. The Committee consists of eight lay-citizen members (one representing each area municipality), that are appointed by Council for a four year term. The Chair of the LDC is selected from among the appointed members. The current Chair is Jane Hurst, the City of Oshawa's representative. The LDC meets monthly and considers approximately 150 consent applications a year.

2. Overview

2.1 Attachments 1 and 2 summarize decisions made by the Land Division Committee at its meetings of September 11, 2017 and October 16, 2017. The approved applications conform to the Durham Regional Official Plan. No appeals are recommended.

3. Distribution

3.1 A copy of this report will be forwarded to the Land Division Committee.

4. Attachments

Attachment #1: Monitoring Chart for the September 11, 2017 Meeting

Attachment #2: Monitoring Chart for the October 16, 2017 Meeting

Respectfully submitted,

Original signed by

B.E. Bridgeman, MCIP, RPP
Commissioner of Planning and
Economic Development



Monitoring of Land Division Committee Decisions for the Meeting Date of Monday, September 11, 2017

Appeal Deadline: Tuesday, October 10, 2017

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 014/2017	Foley, Mark	Part lot 31, Conc. 3 Municipality of Clarington (former Darlington)	Consent to sever a 310 square metre vacant residential parcel of land, retaining a vacant 591 square metre residential parcel of land.	Conforms	Approved unanimously
LD 071/2017	Byers, Jim	Part lot 8, Conc. 2 Twp. of Scugog (former Cartwright)	Consent to sever a vacant 61.983 hectare agricultural parcel of land, retaining a 40.5 hectare agricultural parcel of land with an existing dwelling, shed and barn to remain.	Conforms	Approved unanimously
LD 116/2017	Malcolm, David	Part lot 3, Conc. 9 Twp. of Scugog (former Scugog Island)	Consent to sever a vacant 4,805 square metre hamlet lot, retaining a vacant 10,774 square metre residential lot for future development.	Conforms	Approved unanimously
LD 117/2017	Malcolm, David	Part lot 3, Conc. 9 Twp. of Scugog (former Scugog Island)	Consent to sever a vacant 4,318 square metre hamlet lot, retaining a vacant 6,456 square metre residential lot to be developed.	Conforms	Approved unanimously
LD 136/2017	Brown, Heather	Part lot 35, Conc. 2 Municipality of Clarington	Consent to add a vacant 938 m2 residential parcel of land to the property to the north, retaining a 1298 m2 residential parcel of land with an existing dwelling to remain.	Conforms	Approved unanimously
LD 137/2017	Brown, Heather	Part lot 35, Conc. 2 Municipality of Clarington	Consent to add a vacant 422 m2 residential parcel of land to the property to the south, retaining a vacant 659 m2 residential parcel of land.	Conforms	Approved unanimously

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 139/2017	Royal Canadian Legion, Branch 419	Part lot 17, Conc. 6 Twp. of Scugog	Consent to sever a vacant 0.581 HA institutional parcel of land, retaining a 1.05 HA institutional parcel of land with an existing building to remain.	Conforms	Approved unanimously
LD 140/2017	Royal Canadian Legion, Branch 419	Part lot 17, Conc. 6 Twp. of Scugog	Consent to sever a vacant 0.562 HA institutional parcel of land, retaining a 0.494 HA institutional parcel of land with an existing building to remain.	Conforms	Approved unanimously
LD 141/2017	Lucas-O'Neil, Georgina	Part lot 24, Conc. 6 Town of Whitby (former Whitby)	Consent to sever a vacant 0.55 HA residential parcel of land, retaining a 0.68 HA residential parcel of land with an existing dwelling to remain.	Conforms	Approved unanimously
LD 142/2017	Haggart, Niall	Part lot 8, Conc. 4 City of Oshawa	Consent to sever a vacant 1.38 HA residential parcel of land, retaining a vacant 0.9083 HA residential parcel of land for future development.	Conforms	Approved unanimously
LD 143/2017	Holland, Ryan	Part lot 12, Conc. 2 Municipality of Clarington	Consent to add a vacant 423.12 m2 residential parcel of land to the property to the north, retaining a 653.7 m2 residential parcel of land with an existing dwelling to be demolished.	Conforms	Approved unanimously
LD 144/2017	Holland, Ryan	Part lot 12, Conc. 2 Municipality of Clarington	Consent to sever a 648.01 m2 vacant residential parcel of land, retaining a 1927.55 m2 residential parcel of land with an existing dwelling to be demolished.	Conforms	Approved unanimously
LD 145/2017	Holland, Ryan	Part lot 12, Conc. 2 Municipality of Clarington	Consent to sever a vacant 642.7 m2 residential parcel of land, retaining a 1,286.00 m2 residential parcel of land with an existing dwelling to be demolished.	Conforms	Approved unanimously

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 146/2017	Holland, Ryan	Part lot 12, Conc. 2 Municipality of Clarington	Consent to sever a vacant 643.00 m2 residential parcel of land, retaining a 643.00 m2 residential parcel of land with an existing dwelling to be demolished.	Conforms	Approved unanimously



Monitoring of Land Division Committee Decisions for the Meeting Date of Monday, October 16, 2017

Appeal Deadline: Tuesday, November 14, 2017

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 001/2017	Sidhu, Gurdhian	Part lot 11, Conc. 1 Municipality of Clarington (former Darlington)	Consent to sever a 362.2 square metre residential lot with an existing dwelling to be demolished, retaining a 362.3 square metre residential lot with an existing dwelling and garage to be demolished.	Conforms	Approved unanimously
LD 070/2017	Matthew, Diane	Part lot 16, Conc. 5 Twp. of Scugog (former Reach)	Consent to sever a vacant 2,027 square metre residential parcel of land, retaining a 3,259 square metre residential parcel of land with an existing dwelling to be retained.	Conforms	Approved unanimously
LD 076/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Consent to sever 12 residential lots, ranging in size from 0.037 hectare to 0.038 hectare, retaining a 0.584 hectare residential parcel of land.	Conforms	Approved
LD 077/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 078/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 079/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 080/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 081/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 082/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 083/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 084/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 085/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 086/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 087/2017	1361189 Ontario Limited	Part lot 27, Conc. 3 Municipality of Clarington (former Darlington)	Statement of application included in LD 076/2017.	Conforms	Approved
LD 098/2017	Durkin, Jennifer	Part lot 31, Conc. 7 Twp. of Uxbridge (former Uxbridge)	Consent to sever a vacant 550 square metre residential parcel of land, retaining a 984 square metre residential parcel of land with an existing dwelling.	Conforms	Approved unanimously
LD 126/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 461.7 square metre residential parcel of land, retaining a 1,119.6 square metre residential parcel of land.	Conforms	Approved unanimously
LD 127/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 461.5 square metre residential parcel of land, retaining a 658.1 square metre residential parcel of land.	Conforms	Approved unanimously

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 128/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 463.6 square metre residential parcel of land, retaining a 194.5 square metre residential parcel of land.	Conforms	Approved unanimously
LD 129/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 97.0 square metre residential parcel of land, retaining a 97.5 square metre residential parcel of land.	Conforms	Approved unanimously
LD 130/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 21.5 square metre residential parcel of land, retaining a 159.2 square metre residential parcel of land.	Conforms	Approved unanimously
LD 131/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 29.4 square metre residential parcel of land, retaining a 129.8 square metre residential parcel of land.	Conforms	Approved unanimously
LD 132/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 30.7 square metre residential parcel of land, retaining a 99.1 square metre residential parcel of land.	Conforms	Approved unanimously
LD 133/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 31.9 square metre residential parcel of land, retaining a 67.2 square metre residential parcel of land.	Conforms	Approved unanimously
LD 134/2017	Pattison, Neil	Part lot 26, Conc. 3 Town of Whitby	Consent to sever a 33.0 square metre residential parcel of land, retaining a 34.2 square metre residential parcel of land.	Conforms	Approved unanimously
LD 153/2017	Malhotra, Suresh	Part lot 8, Conc. 1 Town of Ajax	Consent to sever a 0.17 HA commercial lot with an existing building, retaining a 0.34 HA commercial lot with an existing building.	Conforms	Approved unanimously

LD File Number	Owner	Location	Nature of Application	Regional Official Plan	LDC Decision
LD 154/2017	McGregor, C. Neil McGregor, V. Grace	Part lot 12, Conc. 2 Municipality of Clarington	Consent to sever a vacant 595.4 m2 residential parcel of land, retaining a 675.7 m2 residential parcel of land with an existing dwelling.	Conforms	Approved unanimously
LD 157/2017	Fraser, Dolina Fraser, Dave	Part lot 18, Conc. 6 Twp. of Scugog	Consent to sever a 757m2 residential lot, retaining a 522.54 m2 residential lot with an existing dwelling to be demolished.	Conforms	Approved unanimously
LD 158/2017	Miller, Sharon 2417349 Ontario Ltd.	Part lot 21, Conc. 5 Town of Whitby	Consent to grant 1.3438 HA blanket easement in favour of the property to the south	Conforms	Approved unanimously
LD 159/2017	Miller, Sharon 2417349 Ontario Ltd.	Part lot 21, Conc. 5 Town of Whitby	Consent to grant 3.7 HA blanket easement in favour of the property to the north	Conforms	Approved unanimously
LD 160/2017	Siciliano, Isabella	Part lot 29, Conc. 3 Municipality of Clarington	Consent to sever a 743.57 m2 residential parcel of land, retaining a 743.43 m2 residential parcel of land with an existing dwelling to be demolished.	Conforms	Approved unanimously



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2017-INFO-133
Date: November 21, 2017

Subject:

Film Durham - Digital Locations Portal

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 Durham Region plays an important role in all aspects of Ontario's film, television and digital media industry (production, creators, music videos, festivals, commercials, etc.).
- 1.2 The purpose of this report is to inform Council of Film Durham's new online digital portal. This portal is available at:

www.durham.ca/FilmLocations

The portal is innovative and features a locations tour as well as information on the film and television productions taken place across the Region for the past ten years.

2. Background

- 2.1 The GIS-based online digital portal was produced by the Economic Development and Tourism Division in collaboration with Corporate Services, Information Technology. It will be used to promote film tourism and Durham Region as the choice location for film production.

-
- 2.2 Esri Story Map application templates were used as a basis to create two different film viewers that combine maps with narrative text, images and multimedia content, under the following headings:
- a. **Durham: From Script to Screen** features films and television series previously shot in Durham Region along with associated location maps, images and videos.
 - b. **Durham: Our Locations, Your Next Film** presents a number of locations that are available for filming in Durham Region along with photos and videos and are linked to an interactive map.
- 2.3 Many of the production companies that come to Durham Region have established headquarters in Toronto, the second largest screen-based production centre in North America. In 2016, Toronto had its sixth consecutive year of total production spending exceeding \$1 billion, jumping to a record \$2 billion.
- 2.4 From 2012 to 2016, the film production activity in Durham Region increased by 66 per cent. During this period it was estimated that Durham saw approximately \$103 million in production activity generated from 297 projects.
- 2.5 With the decreasing availability of film locations in the other areas of Toronto, Durham Region, with its unique assets, provides for a great location choice. The close proximity to Toronto's film industry also offers the potential to significantly expand film production in Durham. Having already appeared in many popular films and television series, Durham Region is the perfect place for production.
- 2.6 With the continual increase of film and television production in Durham Region, tourism has seen new levels of interest with film enthusiasts seeking to visit film locations sites, thus creating opportunities for new visitors and economic growth.
- 2.7 The Film Durham - Digital Locations Portal was developed in-house. No external additional costs were incurred in producing this marketing tool.

3. Conclusion

- 3.1 The Film Durham - Digital Locations Portal will be used to promote Durham Region as a film destination to film industry stakeholders, as well as location scouts.
- 3.2 The Portal will be promoted at a variety of industry venues and events to market, enhance and increase film production in Durham.

Respectfully submitted,

Original signed by

B.E. Bridgeman, MCIP, RPP
Commissioner of Planning and
Economic Development



The Regional Municipality of Durham Information Report

From: Commissioner of Corporate Services
Report: #2017-INFO-134
Date: November 24, 2017

Subject:

The 2017 Peer Recognition Award for Leadership Awarded to Linda Fortier

Recommendation:

Receive for information

Report:

1. Purpose

1.1 It is an honour to inform Committee and Council that Linda Fortier, Court Manager, Provincial Offences Administration has been recognized by her peers at the Municipal Court Managers' Association (MCMA) and has been awarded the 2017 Peer Recognition Award for Leadership.

2. Award

2.1 As outlined in Attachment #1 to this report, Linda's experience and abilities have been recognized by her peers and she was selected from the MCMA's Ontario wide membership as the 2017 recipient for this award.

2.2 Please join me in recognizing and congratulating Linda on this prestigious award. We are fortunate to have Linda on our team utilizing her skills and experience to the benefit of the Region and her staff. Well done Linda.

3. Attachments

Attachment #1: Letter dated June 30, 2017 from the Municipal Court Managers Association of Ontario to Mr. Jason Hunt

Respectfully submitted,

Original signed by

D. Beaton, BAS, MPA
Commissioner of Corporate Services

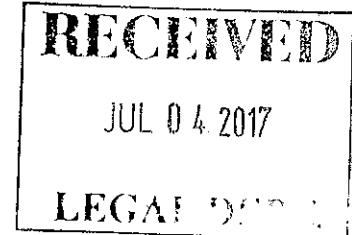


Municipal Court Managers' Association of Ontario

c/o Seat of the President
City of Mississauga
950 Burnhamthorpe Road West
Mississauga, ON L5C 3B4
Tel: (905) 615-3200 Ext. 4526

June 30, 2017

Jason Hunt
Director, Legal Department
Corporate Services
605 Rossland Road East
Whitby, ON
L1N 0B3



Dear Mr. Hunt:

Re: The 2017 Peer Recognition Award for Leadership – Ms. Linda Fortier

On behalf of the Municipal Court Managers' Association (MCMA), it is my pleasure to advise you that Ms. Linda Fortier, the Regional Municipality of Durham's Manager of Court Services, has been awarded the MCMA's 2017 Leadership Award.

Annually, one individual from the MCMA's Ontario wide membership is presented with this prestigious award based on the recipient's ability to:

- Inspire others,
- Be honest & have integrity,
- Have vision & intuition,
- Have exceptional communication skills,
- Have confidence in self & trust in others, and
- Have a positive attitude.

Working for over 28 years in the Ontario justice system, Ms. Fortier has been an advocate for all this and more.

"Excellence in Court Administration"

Ms. Fortier is well respected by all her peers and is an invaluable resource to our association. Her accomplishments and contributions are vast, and to mention a few include being a present or past member of:

- The MCMA POA Table French Language Services Subcommittee,
- The MCMA ICON Committee,
- The MCMA Education Committee,
- THE MCMA Conference Committee,
- The French Language Services Regional Committee,
- The MBN Canada Committee,
- The Local Courts Management Advisory Committee,
- The Central East Region Court Managers' Committee,
- The Best Practices Part I & III Committees,
- The Court Security Committee,
- The Emergency Planning Committee,
- The Body Worn Camera Project Committee,
- The Court Support Services Program Advisory Committee, and
- The Treasurer of AMCTO in 2002.

Ms. Fortier is also the recipient of:

- A Master Certificate in Municipal Management Award, and
- The Award of Excellence for Innovation – 2007.

Ms. Fortier's experience and detailed knowledge of court's administration, as well as her ability to mentor her peers, and her selfless kindness make her the perfect candidate for this year's Leadership Award.

As the recipient of this award, Ms. Fortier's 2017 MCMA membership fee will be waived (enclosed is a refund cheque for this year's membership fees).

At this time we would like to congratulate and thank the Region of Durham, and Ms. Fortier for all the support, time, commitment, and effort extended to the Municipal Court Managers Association.

Sincerely,



Valerie Carty
President

Enclosed: Membership Fee Refund Cheque.



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2017-INFO-135
Date: November 16, 2017

Subject:

2016 Census of Population – Families, households, marital status, language and income
File: D01-03

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 On August 2, 2017, Statistics Canada released the data set of statistics for families, households, marital status, and language for municipalities across Canada. The data set of statistics for income was released on September 13, 2017.
- 1.2 This report highlights changes in the characteristics of Durham Region's population and dwellings. Attachment 1 summarizes key statistics for Durham Region, the Greater Toronto and Hamilton Area (GTHA), Ontario and Canada.

2. Families, households and marital status

- 2.1 Statistics Canada defines a "census family" as "couples living together, with or without children, and lone parents living with their children."¹ A "Household" refers to a person or group of people that live together in the same principal dwelling.
- 2.2 In 2011, there were approximately 186,000 census families in Durham, compared to 175,000 in 2011 (an increase of 6.5%). Of these families, 70% were married

1 Statistics Canada Families Reference Guide, Census of Population, 2016

couples, 12% were common-law couples, and 18% were lone parents. A female parent heads 80% of Durham's lone parent families.

- 2.3 Among Durham's population aged 15 years and over, 70% were married or living with a common-law partner in 2016 compared to 60% in 2011. This change represents an increase of approximately 18%.
- 2.4 In 2016, there were approximately 228,000 households in Durham, compared to 214,000 in 2011 (an increase of 6.5%). Approximately half of Durham's households were families with children. The remaining households consisted of families without children (24%), one-person households (20%), multiple-family households (4%), and single persons living in groups of two or more unrelated people sharing a dwelling (3%).
- 2.5 On average, there were 2.83 persons per household in 2016, down slightly from 2.86 persons per household in 2011².

3. Language

- 3.1 In 2016, the knowledge of English or the ability to have a conversation in English was claimed by over 99% of Durham's residents, generally the same percentage as in 2011. Approximately 97% of respondents reported English as their first official language, followed by French (1.5%).
- 3.2 English was the language most frequently spoken at home for nearly 90% of Durham's population in 2016. This percentage compares to Ontario at 78% and GTHA at nearly 70%.
- 3.3 Similarly, English was the mother tongue for the majority of people in Durham (approximately 80%), Ontario (67%) and the GTHA (55%).
- 3.4 Approximately 15% of Durham residents reported a mother tongue different than either of Canada's two official languages in 2016. The most prevalent non-official languages reported as mother tongue in Durham include (in rank order): Urdu (Pakistani), Tamil, Tagalog (Filipino), Italian, Spanish, Persian (Farsi), Polish, Arabic, German, Mandarin, Portuguese, and Cantonese.
- 3.5 In 2016, 6.5% of Durham's population (approximately 42,000 people) reported speaking a non-official language on a regular basis at home, compared to 5.2%

2 Average number of persons in private households calculated without adjustment for undercount.

(over 30,000 people) in 2011. Of those in Durham Region who speak a non-official language most often or on a regular basis at home, the most prevalent include: Urdu (Pakistani), Tamil, Persian (Farsi), Mandarin, Spanish, Tagalog (Filipino), Arabic, Cantonese, Polish, and Italian.

- 3.6 The GTHA as a whole has a considerably higher share of residents who first learned a non-official language as their mother tongue (nearly 40%).
- 3.7 The GTHA as a whole has a relatively high share of residents who use a non-official language spoken most often or on a regular basis at home (23% or 1.9 million people). The most prevalent include: Mandarin, Cantonese, Panjabi (Punjabi), Tamil, Tagalog (Filipino), Spanish, Urdu (Pakistani), Portuguese, Persian (Farsi), and Italian.

4. Income

- 4.1 The median individual income in Durham increased nearly 8% from approximately \$35,000 in 2010 to \$37,700 in 2015³. During this time, the Bank of Canada's consumer price index (CPI) measure for inflation in Canada increased by 8.7%⁴.
- 4.2 By comparison, in 2015 the median individual income for Ontario was \$33,500, and \$32,500 for the GTHA⁵. Within Durham, Whitby had the highest individual median income (\$42,200) followed by Clarington (\$41,800) and Uxbridge (\$39,600). In the GTHA, Halton Region had the highest average income (\$42,600).
- 4.3 In 2015, the median household income in Durham was just under \$90,000. The median family income⁶ was approximately \$103,000. Income for people aged 15 years and over who are not in economic families was \$37,521.

3 Census data for income is reported from the calendar year prior to the census.

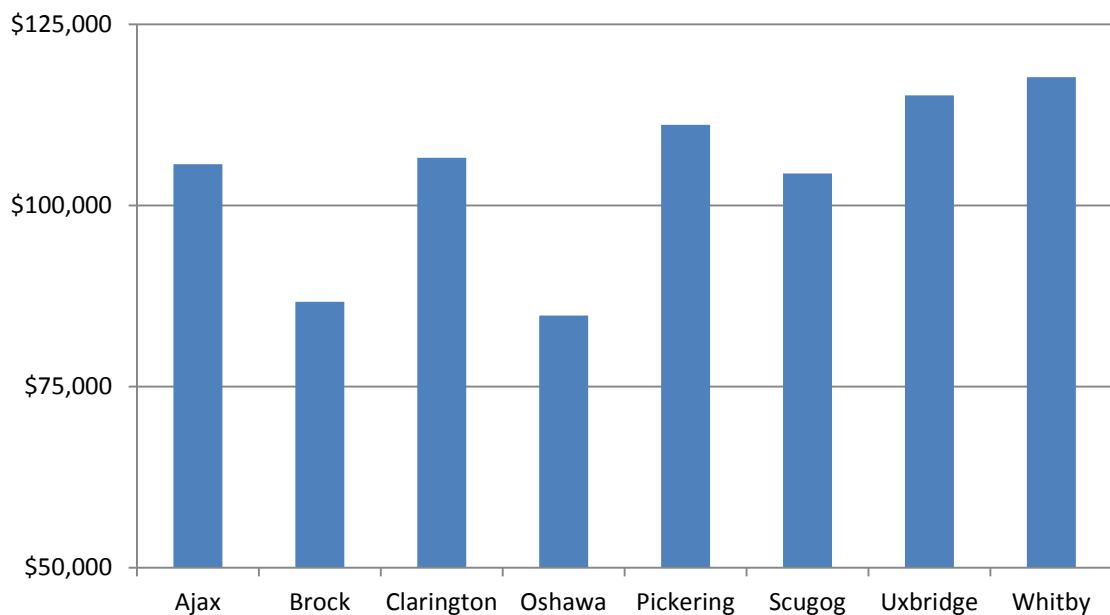
4 Bank of Canada Website: <http://www.bankofcanada.ca/rates/related/inflation-calculator/>

5 Median income for the GTHA estimated as weighted average of median incomes for Durham, Halton, Peel, Toronto, York and Hamilton.

6 'Economic family' refers to a group of two or more persons who live in the same dwelling and are related to each other by blood, marriage, common-law union, adoption or a foster relationship.

- 4.4 Durham households exhibited a higher median household income than Ontario (\$74,200) and the GTHA (\$78,800). Similarly, median family incomes were higher in Durham than Ontario (\$91,000) and the GTHA (\$94,500). Within Durham, Whitby had the highest median household income (\$103,800) and the highest median family income (\$117,700) (refer to Figure 1).

Figure 1
Median Family Income in Durham



- 4.5 In 2015, 60% of Durham families were in the top half of Canadian income distribution. By comparison, 52.5% of Ontarians and 52.5% of GTHA families were in the top half of the Canadian distribution. Within Durham, 69% of Uxbridge families were in the top half of Canadian income distribution, followed by Whitby (67%), Clarington (65%), and Scugog (64%).
- 4.6 In 2015, 95% of Durham residents aged 15 years and older received an income. In Durham, 9% of residents had an income of \$100,000 or more, while 14% had an income of less than \$10,000. A total of 44% of households in Durham had an income of \$100,000 or more, while 11% of households had an income less than \$30,000.

4.7 In Durham, approximately 62,000 individuals were identified as low income according to the low-income measure after tax (LIM-AT), which is based on household income⁷. Among different age cohorts, the prevalence of low income was highest for children aged 0 to 5 years (14%), and lowest for seniors aged 65 years and over (8%).

5. Conclusion

5.1 The 2016 Census information will be used as input to various Regional projects, including the upcoming Municipal Comprehensive Review (Regional Official Plan Update), Development Charges Study, annual Five-year Servicing and Financing Study and updating the Durham Region Profile.

5.2 A copy of this report will be forwarded to the area municipalities and be made available on the Region's website.

6. Attachments

Attachment #1: Statistics Canada 2016 Census of Population Summary
(Families, households, marital status, language and income)

Respectfully submitted,

Original signed by

B.E. Bridgeman, MCIP, RPP
Commissioner of Planning and
Economic Development

⁷ The Low-income measure after tax (LIM-AT) is a fixed percentage (50%) of median adjusted after-tax income of households observed at the person level.

Table 1
Census Families by Municipality in Durham

Census Families	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total number of census families	33,855	3,455	27,300	45,445	26,650	6,695	6,300	36,430
Total couple families	27,420	2,940	23,160	35,085	21,790	5,810	5,545	30,540
Married couples	24,645	2,375	19,445	27,915	19,450	4,935	4,800	27,025
Common-law couples	2,775	565	3,720	7,180	2,335	880	745	3,515
Lone-parent families by sex of parent	6,440	515	4,140	10,360	4,865	885	755	5,890
Female parent	5,220	380	3,195	8,300	3,920	630	585	4,680
Male parent	1,220	135	950	2,060	950	255	170	1,215
Couple census families	27,415	2,940	23,160	35,090	21,785	5,810	5,545	30,540
Couples without children	8,580	1,545	9,645	16,380	8,060	3,055	2,480	10,700
Couples with children	18,840	1,390	13,515	18,710	13,730	2,755	3,065	19,840
1 child	6,455	550	4,905	7,750	5,100	1,030	1,100	6,635
2 children	8,525	565	6,285	7,680	6,180	1,255	1,375	9,460
3 or more children	3,860	280	2,320	3,280	2,445	465	595	3,750

Table 2
Census Families by Municipality in Durham

Census Families	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Lone-parent census families	6,440	515	4,140	10,360	4,870	880	755	5,890
1 child	3,540	325	2,400	6,295	2,815	530	455	3,240
2 children	2,035	135	1,300	2,920	1,505	285	225	1,925
3 or more children	865	55	445	1,145	545	65	75	735
Persons not in census families	11,165	1,615	9,270	27,210	9,460	2,485	2,180	12,570

Table 3
Census Families in the GTHA

Census Families	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total number of census families	186,175	156,535	386,185	718,755	319,535	149,355	1,916,540	3,782,545
Total couple families	152,315	135,605	320,520	566,155	275,595	120,715	1,570,905	3,137,570
Married couples	130,605	121,760	296,475	481,125	257,325	101,625	1,388,915	2,684,735
Common-law couples	21,720	13,845	24,045	85,030	18,270	19,090	182,000	452,840
Lone-parent families by sex of parent	33,860	20,930	65,660	152,595	43,940	28,640	345,625	644,975
Female parent	26,915	16,655	53,940	128,550	35,455	23,090	284,605	518,480
Male parent	6,940	4,280	11,725	24,050	8,485	5,550	61,030	126,495
Couple census families	152,315	135,605	320,520	566,155	275,590	120,715	1,570,900	3,137,565
Couples without children	60,455	51,365	104,775	250,085	93,850	54,755	615,285	1,428,575
Couples with children	91,855	84,245	215,750	316,075	181,745	65,960	955,630	1,708,995
1 child	33,530	28,320	75,015	133,440	66,790	25,315	362,410	658,305
2 children	41,335	40,485	98,465	130,765	85,340	27,885	424,275	738,710
3 or more children	16,990	15,445	42,270	51,865	29,615	12,765	168,950	311,975

Table 4
Census Families in the GTHA

Census Families	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Lone-parent census families	33,860	20,930	65,665	152,600	43,940	28,635	345,630	644,975
1 child	19,605	11,975	36,825	94,025	25,320	17,265	205,015	386,425
2 children	10,330	6,830	20,005	41,160	14,220	8,140	100,685	186,240
3 or more children	3,925	2,125	8,830	17,415	4,400	3,240	39,935	72,310
Persons not in census families	75,975	56,975	148,295	602,855	104,335	89,250	1,077,6	2,139,825

Table 5
Marital Status by Municipality in Durham

Marital Status	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Population 15 yrs +	82,890	7,360	62,245	106,535	63,410	14,025	14,110	86,315
Married or common law relationships	54,840	5,880	46,330	70,190	43,570	11,630	11,090	61,080
Not married or common-law	28,050	1,480	15,915	36,345	19,840	2,395	3,020	25,235
Single	11,165	1,615	9,270	27,210	9,460	2,485	2,180	12,570

Table 6
Marital Status in the GTHA

Marital Status	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Population 15 yrs +	436,990	359,410	951,395	1,906,495	752,410	356,890	4,763,590	8,988,865
Married or common law relationships	304,650	271,210	641,040	1,132,310	551,190	241,430	3,141,830	6,275,150
Not married or common-law	132,340	88,200	310,355	774,185	201,220	115,460	1,621,760	2,713,715
Single	75,975	56,975	148,295	602,855	104,335	89,250	1,077,685	2,139,825

Table 7
Census Families by Municipality in Durham

Census Families	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total private households by household type	37,550	4,540	32,840	62,595	30,920	8,265	7,665	43,530
One-census-family households	29,120	3,195	25,555	41,885	23,625	6,250	5,870	33,705
Without children in a census family	6,935	1,435	8,975	15,030	7,000	2,840	2,285	9,690
With children in a census family	22,185	1,760	16,580	26,855	16,630	3,415	3,580	24,020
Multiple-census-family households	2,290	130	860	1,745	1,465	220	210	1,335
Non-census-family households	6,145	1,220	6,420	18,970	5,830	1,800	1,580	8,490
One-person households	5,375	1,130	5,755	16,260	5,150	1,645	1,420	7,645
Two-or-more person non-census-family households	765	90	665	2,705	675	155	165	845

Table 8
Census Families in the GTHA

Census Families	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total private households by household type	227,905	192,975	430,180	1,112,930	357,085	211,595	2,532,720	5,169,175
One-census-family households	169,205	146,465	316,910	653,360	277,380	139,620	1,702,980	3,481,885
Without children in a census family	54,185	47,170	78,440	226,080	76,320	51,060	533,275	1,311,575
With children in a census family	115,020	99,295	238,470	427,280	201,060	88,560	1,169,705	2,170,315
Multiple-census-family households	8,250	4,890	32,910	31,600	20,350	4,755	102,760	145,615
Non-census-family households	50,450	41,625	80,360	427,970	59,350	67,220	726,985	1,541,665
One-person households	44,385	37,660	68,345	359,960	52,505	59,575	622,440	1,341,305
Two-or-more person non-census-family households	6,070	3,960	12,015	68,015	6,850	7,645	104,555	200,365

Table 9
Knowledge of Official Languages by Municipality in Durham

Official Languages	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total population by knowledge of official languages	119,215	11,405	91,275	158,005	91,100	21,480	20,985	127,525
English only	108,185	10,860	84,280	146,650	83,475	19,965	19,370	115,740
French only	110	0	25	140	60	0	0	85
English and French	9,115	535	6,700	10,225	6,625	1,480	1,560	10,620
Neither English nor French	1,800	15	260	990	940	35	55	1,075
Total population by first official language spoken	119,210	11,405	91,275	158,010	91,100	21,485	20,985	127,525
English	115,130	11,310	89,480	153,690	88,585	21,240	20,740	123,890
French	1,685	70	1,425	2,910	1,165	205	170	2,070
English and French	640	10	120	460	440	10	30	525
Neither English nor French	1,760	15	250	950	910	30	55	1,040

Note: Excludes institutional residents.

Table 10
Knowledge of Official Languages in the GTHA

Official Languages	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total population by knowledge of official languages	640,985	544,020	1,375,800	2,704,415	1,103,285	530,635	6,899,2	13,312,86
English only	588,525	484,060	1,233,210	2,323,235	967,750	489,910	6,086,8	11,455,50
French only	435	380	1,155	2,725	485	375	5,555	40,040
English and French	46,860	52,665	86,395	245,695	73,200	30,530	535,350	1,490,390
Neither English nor French	5,175	6,920	55,040	132,765	61,855	9,815	271,570	326,935
Total population by first official language spoken	640,990	544,025	1,375,800	2,704,415	1,103,290	530,635	6,899,2	13,312,86
English	624,055	524,050	1,295,375	2,508,815	1,023,355	512,265	6,488,0	12,394,32
French	9,705	9,155	13,760	39,795	8,855	6,760	88,030	504,130
English and French	2,235	4,040	12,440	24,865	10,020	1,975	55,575	92,940
Neither English nor French	5,000	6,780	54,225	130,940	61,060	9,635	267,640	321,480

Note: Excludes institutional residents.

Table 11
Median Income by Municipality in Durham

Median Income	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total population aged 15 years and over	95,540	9,495	74,065	131,115	76,110	18,225	17,655	101,280
Total income recipients aged 15 years and over	89,785	9,135	70,680	124,955	72,150	17,490	17,000	96,105
Total population 15 years and older without income	5,760	360	3,380	6,160	3,955	620	655	5,175
Percentage with an income	94.0%	96.2%	95.4%	95.3%	94.8%	96.5%	96.3%	94.9%
Median total income in 2015 among recipients (\$)	\$36,107	\$34,064	\$41,820	\$33,492	\$38,466	\$39,190	\$39,625	\$42,242
Median after-tax income in 2015 among recipients (\$)	\$32,770	\$30,917	\$37,031	\$30,538	\$34,500	\$35,057	\$35,272	\$37,443

Note: Income statistics in 2015 for the population aged 15 years and over in private households.

Table 12
Income Ranges by Municipality in Durham

Income Ranges	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total population 15 years and older with total income	89,785	9,135	70,680	124,950	72,155	17,490	17,005	96,110
Under \$10,000 (including loss)	15,075	1,260	9,170	18,190	11,270	2,315	2,390	14,100
\$10,000 to \$19,999	14,145	1,530	9,670	21,940	10,850	2,615	2,495	13,495
\$20,000 to \$29,999	10,435	1,305	7,785	17,260	8,225	2,120	2,030	9,930
\$30,000 to \$39,999	8,475	1,040	7,350	14,370	6,800	1,840	1,655	8,575
\$40,000 to \$49,999	8,560	1,015	7,615	13,855	6,760	1,735	1,535	8,555
\$50,000 to \$59,999	7,435	840	6,410	10,670	5,875	1,460	1,285	7,475
\$60,000 to \$69,999	6,090	575	5,095	7,540	4,845	1,145	1,050	6,575
\$70,000 to \$79,999	4,795	440	4,085	5,825	4,015	935	875	5,490
\$80,000 to \$89,999	3,785	315	3,410	4,540	3,190	815	760	4,685
\$90,000 to \$99,999	3,095	260	2,955	3,435	2,620	640	660	4,485
\$100,000 and over	7,905	545	7,145	7,335	7,705	1,870	2,285	12,735
\$100,000 to \$149,999	5,825	400	5,355	5,545	5,180	1,260	1,400	8,855
\$150,000 and over	2,075	150	1,795	1,790	2,520	610	890	3,880

Table 13
Median Individual Income by Municipality in the GTHA

Median Income	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total population aged 15 years and over	523,595	433,845	1,119,400	2,294,790	905,545	441,055	5,718,230	11,038,440
Total income recipients aged 15 years and over	497,400	414,995	1,053,150	2,187,030	859,850	422,250	5,434,675	10,556,935
Total population 15 years and older without income	26,085	18,850	66,255	107,760	45,695	18,805	283,450	481,500
Percentage with an income	95.0%	95.7%	94.1%	95.3%	95.0%	95.7%	570.8%	95.6%
Median total income in 2015 among recipients (\$)	\$37,755	\$42,577	\$30,715	\$30,089	\$32,994	\$32,917	\$32,545	\$33,539
Median after-tax income in 2015 among recipients	\$33,943	\$37,779	\$28,405	\$27,958	\$30,288	\$30,175	\$29,883	\$30,641

Table 14
Individual Income Ranges by Municipality in the GTHA

Income Ranges	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total population 15 years and older with total	497,400	414,995	1,053,145	2,187,030	859,850	422,250	5,434,670	10,556,940
Under \$10,000 (including loss)	73,800	60,625	191,530	389,430	153,565	60,815	929,765	1,615,790
\$10,000 to \$19,999	76,740	55,380	188,635	410,355	149,160	74,265	954,535	1,829,355
\$20,000 to \$29,999	59,100	44,190	137,135	291,150	101,740	61,205	694,520	1,410,760
\$30,000 to \$39,999	50,115	37,575	114,215	221,475	79,290	48,715	551,385	1,147,510
\$40,000 to \$49,999	49,640	35,955	100,860	187,235	71,465	42,880	488,035	1,021,880
\$50,000 to \$59,999	41,460	31,205	79,600	145,500	58,740	33,395	389,900	809,115
\$60,000 to \$69,999	32,920	26,850	60,400	114,465	48,310	25,570	308,515	630,635
\$70,000 to \$79,999	26,460	22,000	45,660	89,650	39,365	18,820	241,955	479,890
\$80,000 to \$89,999	21,490	19,210	34,805	69,990	33,210	14,550	193,255	378,185
\$90,000 to \$99,999	18,150	17,375	28,145	58,210	30,600	12,630	165,110	324,810
\$100,000 and over	47,535	64,620	72,155	209,575	94,415	29,410	517,710	909,005
\$100,000 to \$149,999	33,825	37,770	49,845	119,810	60,710	20,320	322,280	600,995
\$150,000 and over	13,710	26,855	22,320	89,770	33,705	9,090	195,450	308,010

Table 15
Median Household Income in Durham

Median Income	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total private households	37,545	4,545	32,840	62,595	30,920	8,265	7,660	43,530
Median total income of households in 2015 (\$)	\$96,949	\$73,072	\$95,753	\$70,211	\$99,701	\$90,478	\$98,991	\$103,809
Median after-tax income of households in 2015 (\$)	\$83,633	\$64,356	\$81,631	\$61,873	\$85,572	\$128,563	\$84,634	\$87,847
Total one-person private households	5,380	1,125	5,755	16,260	5,155	1,635	1,415	7,645
Median income of one-person households in 2015 (\$)	\$46,407	\$33,643	\$46,277	\$37,067	\$47,918	\$40,166	\$37,856	\$44,566
Median after-tax income of one-person households	40,259	30,560	40,082	33,399	41,573	36,016	34,030	39,025
Total two-or-more-person private households	32,170	3,420	27,085	46,340	25,770	6,585	6,245	35,880
Median total income of two-or-more-person	\$106,803	\$87,670	\$107,398	\$85,155	\$111,881	\$105,306	\$115,749	\$118,109
Median after-tax income of two-or-more-person	\$91,591	\$76,757	\$91,123	\$74,795	\$95,545	\$89,624	\$97,280	\$99,467

Table 16
Household Income Ranges in Durham

Income Ranges	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total households by income range	37,550	4,545	32,840	62,595	30,920	8,215	7,660	43,530
Under \$10,000	495	95	320	1,380	480	125	115	580
\$10,000 to \$19,999	955	275	795	3,980	745	310	245	1,435
\$20,000 to \$29,999	1,580	370	1,395	5,035	1,325	410	430	1,925
\$30,000 to \$39,999	1,960	385	1,755	5,115	1,625	515	465	2,080
\$40,000 to \$49,999	2,180	350	2,040	5,470	1,825	520	465	2,370
\$50,000 to \$59,999	2,330	355	2,225	5,325	1,785	595	460	2,425
\$60,000 to \$69,999	2,605	370	2,220	4,900	1,940	540	415	2,485
\$70,000 to \$79,999	2,370	305	2,210	4,445	1,955	535	420	2,480
\$80,000 to \$89,999	2,530	300	2,215	4,110	1,950	510	415	2,480
\$90,000 to \$99,999	2,480	265	2,150	3,705	1,875	495	440	2,575
\$100,000 to \$124,999	5,425	570	4,695	7,030	4,215	1,020	905	5,785
\$125,000 to \$149,999	4,170	360	3,645	4,660	3,280	825	735	4,880
\$150,000 to \$199,999	4,835	355	4,360	4,690	4,220	985	970	6,320

Table 17
Median Household Income in the GTHA

Median Income	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total private households	227,955	192,975	430,180	1,112,930	357,085	211,595	2,532,720	5,169,175
Median total income of households in 2015 (\$)	\$89,825	\$103,009	\$86,233	\$65,829	\$95,776	\$69,024	\$78,776	\$74,287
Median after-tax income of households in 2015 (\$)	\$77,392	\$87,183	\$75,667	\$58,264	\$82,804	\$61,168	\$68,847	\$65,285
Total one-person private households	44,380	37,660	68,345	359,960	52,500	59,580	622,425	1,341,300
Median income of one-person households in 2015	\$41,798	\$48,351	\$41,872	\$38,018	\$40,454	\$33,153	\$243,646	\$36,900
Median after-tax income of one-person	36,908	41,688	36,934	34,172	36,026	30,294	216,022	33,219
Total two-or-more-person private households	183,525	155,315	361,835	752,970	304,585	152,020	1,910,250	3,827,875
Median total income of two-or-more-person	\$103,544	\$119,408	\$96,263	\$82,908	\$107,385	\$88,222	\$597,730	\$90,967
Median after-tax income of two-or-more-person	\$88,658	\$100,204	\$84,394	\$73,695	\$92,578	\$77,378	\$516,907	\$79,528

Table 18
Household Income Ranges in Durham

Income Ranges	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total households by income range	227,905	192,975	430,180	1,112,930	357,085	211,595	2,532,670	5,169,175
Under \$10,000	3,615	3,335	9,990	56,645	8,950	5,975	88,510	156,965
\$10,000 to \$19,999	8,735	5,620	16,120	90,575	13,290	15,040	149,380	319,640
\$20,000 to \$29,999	12,480	8,775	23,060	94,815	19,810	18,530	177,470	390,220
\$30,000 to \$39,999	13,915	10,100	27,430	94,060	22,070	18,390	185,965	409,760
\$40,000 to \$49,999	15,215	10,740	30,225	90,940	21,790	17,890	186,800	408,620
\$50,000 to \$59,999	15,510	11,225	31,075	84,180	21,215	16,580	179,785	388,820
\$60,000 to \$69,999	15,475	11,230	30,355	76,120	20,700	14,835	168,715	363,580
\$70,000 to \$79,999	14,730	10,905	29,245	68,190	20,190	13,300	156,560	335,770
\$80,000 to \$89,999	14,505	10,765	28,190	60,400	19,530	12,360	145,750	309,105
\$90,000 to \$99,999	13,980	10,695	26,490	53,485	19,170	11,395	135,215	282,740
\$100,000 to \$124,999	29,645	23,360	55,095	100,810	42,390	22,110	273,410	560,090
\$125,000 to \$149,999	22,555	19,035	40,635	68,300	34,225	15,255	200,005	394,570
\$150,000 to \$199,999	26,735	25,620	46,050	77,810	45,395	17,105	238,715	449,885

Table 19
Family Income in Durham

Family Income	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Total number of economic families	31,765	3,350	26,655	44,425	25,410	6,480	6,155	35,345
Median total income of economic families in 2015 (\$)	\$105,678	\$86,699	\$106,547	\$84,822	\$111,107	\$104,407	\$115,182	\$117,676
In the top half of Canadian income distribution	70,890	5,800	58,935	76,620	58,260	13,665	14,230	85,210
In the bottom half of Canadian income distribution	48,285	5,565	32,260	81,010	32,735	7,580	6,740	41,575
In the bottom decile	6,900	945	3,875	16,760	4,895	1,150	995	6,535
In the second decile	9,080	1,105	4,785	15,210	5,960	1,220	1,255	7,390
In the third decile	9,775	1,200	6,375	15,425	6,485	1,445	1,330	8,040
In the fourth decile	10,810	1,165	7,840	16,555	7,625	1,790	1,390	9,030
In the fifth decile	11,720	1,155	9,375	17,060	7,770	1,975	1,770	10,580
In the sixth decile	13,130	1,365	10,280	16,755	9,100	2,140	1,990	12,875
In the seventh decile	14,380	1,145	11,880	16,720	10,285	2,485	2,300	14,900
In the eighth decile	15,195	1,325	13,080	17,105	11,795	2,875	2,570	16,975
In the ninth decile	15,950	1,220	13,465	15,940	13,510	3,320	3,320	20,670
In the top decile	12,240	755	10,230	10,100	13,565	2,845	4,060	19,790

Table 20
Family Income in the GTHA

Family Income	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Total number of economic families	179,625	152,760	356,435	705,600	301,820	146,680	1,842,920	3,689,580
Median total income of economic families in 2015	\$103,043	\$119,370	\$94,869	\$82,859	\$106,298	\$88,506	\$94,464	\$91,089
In the top half of Canadian income distribution	383,650	365,080	707,470	1,236,350	655,280	266,965	3,614,795	6,906,990
In the bottom half of Canadian income distribution	255,840	175,895	665,170	1,455,315	445,670	260,965	3,258,855	6,335,170
In the bottom decile	42,085	30,550	116,645	404,560	91,175	55,730	740,745	1,346,645
In the second decile	46,015	30,465	130,265	320,165	89,325	52,770	669,005	1,280,675
In the third decile	50,080	34,080	135,530	268,495	86,835	50,855	625,875	1,237,415
In the fourth decile	56,220	37,605	139,815	238,680	85,940	50,490	608,750	1,223,510
In the fifth decile	61,435	43,190	142,910	223,415	92,395	51,115	614,460	1,246,925
In the sixth decile	67,645	49,605	143,925	216,450	99,705	52,125	629,455	1,279,095
In the seventh decile	74,095	56,615	145,155	213,325	111,200	54,610	655,000	1,321,220
In the eighth decile	80,920	66,750	145,660	219,865	127,460	55,585	696,240	1,382,795
In the ninth decile	87,405	82,425	147,830	241,850	148,525	56,995	765,030	1,464,415
In the top decile	73,590	109,685	124,905	344,855	168,380	47,650	869,065	1,459,465

Table 21
Low Income by Municipality in Durham

Low Income	Ajax	Brock	Clarington	Oshawa	Pickering	Scugog	Uxbridge	Whitby
Population to whom low-income concepts are applicable	119,175	11,370	91,195	157,630	90,995	21,245	20,975	126,785
0 to 17 years	28,700	2,265	20,775	31,900	18,540	3,965	4,245	30,960
0 to 5 years	8,800	715	6,695	10,605	5,475	1,070	1,085	8,835
18 to 64 years	77,715	6,905	58,375	100,655	59,650	13,020	13,140	80,320
65 years and over	12,765	2,195	12,045	25,075	12,805	4,270	3,595	15,505
In low income, Low-income measure-after tax (LIM-AT)	11,260	1,410	5,805	22,890	7,680	1,645	1,560	9,780
0 to 17 years	3,940	335	1,740	6,620	2,310	370	335	3,090
0 to 5 years	1,170	110	525	2,390	665	80	85	925
18 to 64 years	6,260	800	3,295	13,860	4,475	955	905	5,475
65 years and over	1,055	275	770	2,415	890	320	320	1,220

Table 22
Low Income by Municipality in the GTHA

Low Income	Durham	Halton	Peel	Toronto	York	Hamilton	GTHA	Ontario
Population to whom low-income concepts are applicable	639,365	540,980	1,372,640	2,691,665	1,100,690	527,930	6,873,270	13,184,055
0 to 17 years	141,345	129,300	309,765	478,360	240,140	105,460	1,404,370	2,656,535
0 to 5 years	43,280	37,615	92,550	162,510	69,750	33,955	439,660	835,000
18 to 64 years	409,770	335,195	892,655	1,811,265	705,355	335,605	4,489,845	8,418,960
65 years and over	88,250	76,480	170,220	402,045	155,190	86,865	979,050	2,108,560
In low income, Low-income measure-after tax (LIM-AT)	62,035	44,485	175,980	543,385	132,450	80,915	1,039,250	1,898,975
0 to 17 years	18,740	13,530	56,075	125,675	34,050	22,175	270,245	489,905
0 to 5 years	5,930	3,460	17,870	42,685	10,015	7,760	87,720	165,140
18 to 64 years	36,030	25,390	102,300	347,775	80,570	48,630	640,695	1,155,315
65 years and over	7,270	5,565	17,605	69,935	17,825	10,110	128,310	253,755



The Regional Municipality of Durham Information Report

From: Commissioner & Medical Officer of Health
Report: #2017-INFO-136
Date: November 24, 2017

Subject:

Durham Region Health Department Enterprise Risk Assessment Report

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 To provide an update on the Enterprise Risk Assessment (ERA) activities undertaken by Durham Region Health Department (DRHD).
- 1.2 To summarize the risk identification and risk assessment results detailed in the attached DRHD Enterprise Risk Assessment Report.

2. Background

- 2.1 DRHD, in partnership with the Region of Durham's Finance Department, Risk Management and Insurance Division, undertook a formal set of risk identification and assessment activities, with the assistance of Deloitte LLP (Deloitte), between January 2017 and August 2017.
- 2.2 The ERA process is part of a broader Enterprise Risk Management (ERM) program adopted by the Region of Durham.
- 2.3 DRHD's participation in the ERA process ensures compliance with the Ontario Public Health Organizational Standards (OPHOS), published by the Ministry of Health and Long-Term Care (MOHLTC), which require boards of health (BOHs) to ensure monitoring and response to emerging issues and potential threats to the organization from both internal and external sources. At a minimum, the BOH is expected to manage financial risks, risks related to HR succession and surge capacity planning, operational risks, and legal risks.

-
- 2.4 The objective of the ERA was to identify the key enterprise risks that are inherent in DRHD's mandate, objectives and priorities and to undertake a formal determination of DRHD's key risks.

3. Identified Risks

- 3.1 Durham's Risk Management and Insurance staff and Deloitte assisted DRHD to identify and document their strategic risks which involved:
- a. Reviewing available documentation on DRHD's strategies and priorities;
 - b. Issuing an ERA questionnaire to DRHD's management team;
 - c. Interviewing members of the management team;
 - d. Analyzing information received to help identify risks applicable to DRHD; and
 - e. Discussing the more important risks with DRHD's Executive Team.
- 3.2 DRHD's risk universe was developed through the ERA process and included thirty-three enterprise-level risks in the following five categories:
- a. Strategic risk (6 risks)
 - b. People risk (7 risks)
 - c. Financial risk (6 risks)
 - d. Governance risk (3 risks)
 - e. Operational risk (11 risks)
- 3.3 Of the 33 inherent risks identified, DRHD's Executive Team identified the 12 key risks potentially faced by DRHD. These risks were ranked as high, medium and low priority risks by considering the risk management control activities currently in place at DRHD and the likelihood and impact resulting from the residual risk.
- 3.4 None of the 12 residual risks were identified as high-priority risks, three risks were identified as medium-priority and nine were considered to be low-priority risks.
- 3.5 These risk assessment results reflect the Executive Team's confidence that risks are being managed effectively.
- 3.6 The three medium-priority risks were: technology capabilities; funding optimization and certainty; and privacy. The specific risk definitions for these three risks are as follows:
- a. Technology capabilities: Ability to ensure that operations are supported by the needed technology capabilities that meet current and future needs, including leveraging new specialized technology, providing training to optimize use, and having dedicated and specialized resources to support systems.
 - b. Funding optimization and certainty: Ability to influence decision-makers to obtain certainty and sufficiency of funds which impacts implementation of strategies and priorities; and
 - c. Privacy: Ability to safeguard personal health information and sensitive health records that are accessed and transferred through shared information

systems by the Region, the Province and potentially other stakeholders through physical controls, technological means, and contractual requirements with appropriate handling, disclosure and communication that complies with privacy rules and regulations (e.g., PHIPA, MFIPPA).

4. Next Steps

- 4.1 As recommended by Deloitte, DRHD will continue to closely monitor and manage the most important enterprise level risks identified.
- 4.2 DRHD has identified the risk management controls currently in place to address the top twelve risks. An Action Plan will be developed to further expand on the risk management controls identified in the attached report.

5. Attachment

Attachment #1: Durham Region Health Department (Public Health) Enterprise Risk Assessment Report

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health



**Durham Region Health
Department (Public Health)**
Enterprise risk assessment report

November, 2017

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Executive summary

Background

The Health Department (“Public Health” or “Department”) is one of seven departments at the Regional Municipality of Durham (“Durham” or “Region”). Public Health promotes and protects the health of Durham residents by providing a wide range of health enhancing programs and emergency medical services that address the growing and changing needs of the community. To better strengthen the Department’s ability to manage risks that pertain to the Department and across its divisions (excluding Paramedic Services), the Department’s management team, in partnership with the Region’s Risk Management and Insurance team, undertook a formal set of risk identification and assessment activities, with the assistance of Deloitte LLP (Deloitte), between January 2017 and August 2017.

The formal risk identification and assessment activities are part of a broader Enterprise Risk Management (ERM) program adopted by the Region. The initial phase of the Enterprise Risk Assessment (ERA) initiative included three phases of work as follows:

1. Project initiation and documentation review
2. Risk identification
3. Risk assessment

This report details the results of the ERA process described above.

The Region is in the process of completing the next phase of the process, which includes the documentation and validation of the key controls, and the prioritization the Department’s resources to develop and implement additional risk management activities as required. The Region intends to regularly refresh the risk profile as Public Health’s priorities and operating environment change.

Objective and approach

The objective of the ERA was to facilitate the identification and assessment of the Department’s key enterprise-level risks.

Deloitte facilitated the identification and documentation of the Department’s enterprise risks by:

- Reviewing available documentation on the Department’s strategies and priorities;
- Issuing an ERA questionnaire to the Department’s management team; (21 completed surveys)
- Interviewing members of the management team; (5 workshops, input from 21 participants)
- Analyzing information received to help identify risks deemed applicable to the Department; and
- Discussing with the Department’s executive team to identify the more important risks on May 9, 2017.

As a result, 33 key risks which were inherent in the Department’s strategy and priorities were identified, defined and categorized in the Health Department 2017 Enterprise Risk Universe (refer to Appendix B). Of the 33 key risks, 12 of the more important risks were assessed by the Department’s executive team (including the Commissioner & Medical Officer of Health) during two half-day workshops on June 26, 2017 and July 19, 2017. These sessions involved the use of anonymous voting technology and considered risk management activities that were in place (i.e., risks were assessed on a residual basis).

Please refer to Appendix A for further details on the approach used to facilitate the identification and assessment of the Department’s enterprise risks.

Strategies and priorities

The Department’s strategies and priorities served as the basis for the risk assessment and are outlined in the following three strategic documents:

- 2015 Quality Enhancement Plan (QEP)
- 2017 Health Plan
- Current Ontario Public Health Standards

For example, the 2015 QEP identified three strategies:

1. Engaging with communities
2. Improving quality continuously
3. Developing staff

Summary of results

As mentioned earlier, the Department’s risk identification process resulted in highlighting 33 enterprise-level risks which are inherent in its strategies and priorities stated above. These risks were classified into five risk categories as follows:

- Strategic risk (**6 risks**)
- People risk (**7 risks**)
- Financial risk (**6 risks**)
- Governance risk (**3 risks**)
- Operational risk (**11 risks**)

For the 12 more important risks that were identified, the executives concluded that, after considering existing risk management activities (see Appendix E for a summary of risk controls), there were no high priority risks, three risks were considered to be of medium priority and nine were considered low priority risks. The three medium priority risks were technology capabilities, funding optimization and certainty, and privacy. This risk profile reflects management’s confidence, on an overall basis, that risks are being managed effectively. Typically, for organizations with a strong risk profile, there is an opportunity to revisit resource allocation to further streamline risk management activities currently deployed to address the lower risk exposures.

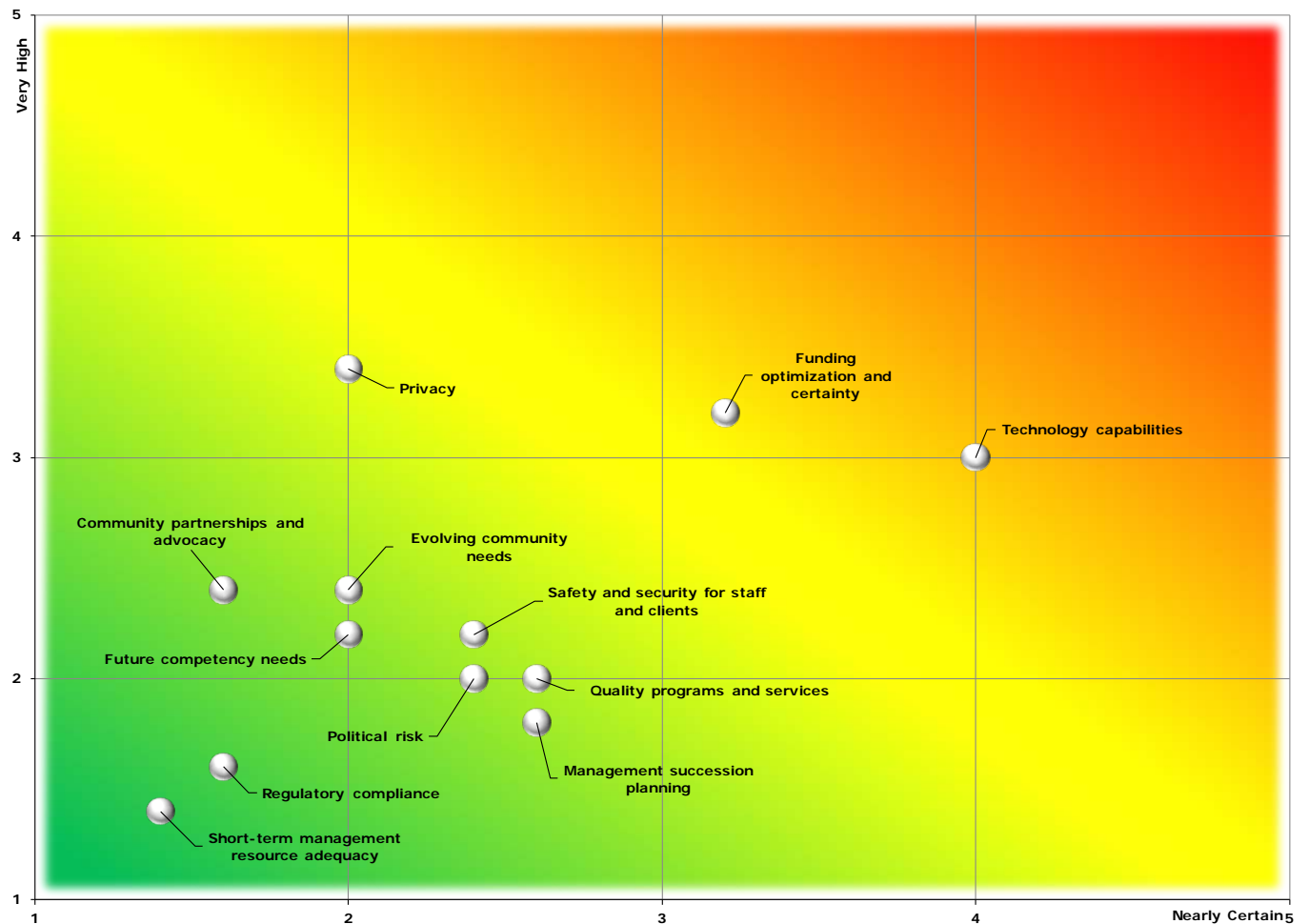
For further details on the risk assessment results, please refer to Section 2 of this report, on page 5.

Priority risk	Colour zone on heat map	Description
High	Red	Represent risks that have a higher exposure and will therefore require immediate resolution
Medium	Orange and yellow	Require active monitoring and intervention to ensure that risk levels do not escalate to a higher impact or likelihood
Low	Green	Require on-going monitoring to confirm the stability of the risk profile

Risk assessment results

Risk profile

The 'risk heat map' below depicts the distribution of the Department's top risks as a result of its 2017 ERA activities. The heat map shows three risks (technology capabilities, funding optimization and certainty, and privacy) that are of medium priority and 9 risks are of low priority.



Key themes and highlights

Top 12 enterprise risks presented by risk score

The top 12 risks from the June 26, 2017 and July 19, 2017 risk assessments are presented here in descending order of risk score. Risk score is calculated by multiplying the impact and likelihood scores.

2017 Results			
Risk ranking (risk name and number from the Risk Universe)	Likelihood score (L)	Impact score (I)	Risk score (L x I)
1. Technology capabilities (#28)	4.0	3.0	12.0
2. Funding optimization and certainty (#15)	3.2	3.2	10.2
3. Privacy (#29)	2.0	3.4	6.8
4. Safety and security for staff and clients (#13)	2.4	2.2	5.3
5. Quality programs and services (#23)	2.6	2.0	5.2
6. Political risk (#4)	2.4	2.0	4.8
7. Evolving community needs (#6)	2.0	2.4	4.8
8. Management succession planning (#8)	2.6	1.8	4.7
9. Future competency needs (#10)	2.0	2.2	4.4
10. Community partnerships and advocacy (#5)	1.6	2.4	3.8
11. Regulatory compliance (#20)	1.6	1.6	2.6
12. Short-term management resource adequacy (#9)	1.4	1.4	2.0

The risk rating criteria used to calculate the risk scores are summarized below. Additional details are provided in Appendix C.

Likelihood and impact rating scales

Likelihood		Impact	
Level	Descriptor	Level	Descriptor
1	Remote	1	Minor
2	Unlikely	2	Noticeable
3	Possible	3	Moderate
4	Likely	4	Major
5	Nearly certain	5	Severe

The big picture

- The Public Health executive team determined that the Department's risk profile is quite strong, with no 'high' priority risks identified and only three 'medium' priority risks being identified.
- Overall, the executive team was more concerned with the technological, financial and privacy challenges that impact Public Health's ability to deliver services to its clients. Key examples of this include the following:
 - Technology capabilities: Public Health's ability to ensure that operations are supported by the needed technology capabilities that meet current and future needs, including leveraging new specialized technology, providing training to optimize use, and responding to client requests for better client service.
 - Funding optimization and certainty: The ability for the Health Department (Public Health) to influence the decision makers to obtain certainty and sufficiency of funding that may impact the Health Department's (Public Health) strategies and priorities.
 - Privacy: Public Health's ability to safeguard personal health information and sensitive health records that are accessed through shared information systems by the Region and transferred by private doctors' offices through physical controls, technological means, and contractual requirements with appropriate handling, disclosure and communication that complies with privacy rules and regulations (e.g., PHIPA, MFIPPA).
- Conversely, some of the more strategic and operational risk areas were viewed as less of a concern. The executive team determined that these risks are being mitigated by good long-term planning and a strong network with key stakeholders. Key examples of this include the following:
 - Short-term management resource adequacy: Public Health's ability to identify and staff short-term management resourcing gaps with qualified leaders (e.g., through placements or cross-training)
 - Regulatory compliance: Public Health's ability to maintain compliance and respond to changes in statutes, regulations and standards (e.g., Ontario Public Health Standards) minimizing the potential for fines/ funding reductions/ reputational damage and ensure Public Health can continue to operate effectively and efficiently
 - Community partnerships and advocacy: Public Health's ability to network and engage with the community
- The three risks with the highest impact, should they occur, relate to privacy, funding optimization and certainty, and technology capabilities (risk statements #29, 15, and 28 from the risk universe). Given the high impact of these risks relative to the other top risks, and others that are considered to have high impact by the Department, it is important that the Department manages and continuously monitors these risks.
- All of the medium and low priority risks have a relatively low likelihood of occurrence, except for technology capabilities (#28) and funding optimization and certainty (#15), which is generally indicative of the executive team's belief that existing risk management processes and controls are effective. For the low priority risks, there is an opportunity for Public Health to review its risk management activities to assess if resources to mitigate these risks could be reallocated to areas with greater risk exposure.

Next steps

With regards to next steps, we offer the following for Public Health's consideration:

- For all key risks, prioritizing the Department's resources to develop and implement additional risk management activities needed to reduce the risk exposures to preferred levels in line with the Department's risk appetite.
- For all key risks, formally document the risk management activities, including key controls, to aid regular control assessments.
- For all key risks that have shared accountability by the Executive Team, consider assigning one of the individuals the responsibility for coordinating the collective effort of developing risk mitigation activities to strengthen efficiency in risk mitigation.
- Periodically refresh the risk profile, at a minimum annually or upon changes in Public Health's priorities or its operating environment.
- Implement a risk reporting process to ensure that all stakeholders, including risk owners, have the needed risk information to support regular discussions and ongoing monitoring of Public Health's risk profile; updates on the status of risk management activity implementation; and the effective escalation of existing and emerging risks.
- Revisit the resource allocation for the lower priority risks.

Appendices

Appendix A – Project approach

Working collaboratively with the Region’s Risk Management and Insurance team, Deloitte completed three phases with the Health Department by performing the following key activities:



Phase 1 Project initiation

- Confirmed objectives, scope and approach of project with Finance and the Public Health executives
- Identified key stakeholders to be included in the risk identification and assessment discussions
- Requested relevant background documentation to the Department’s risk management activities
- Presentation to entire Management team on ERM project and provided Risk Management training



Phase 2 Risk identification

- Reviewed relevant strategic and operational information to confirm the Department’s strategies and priorities
- Reviewed 21 enterprise risk assessment questionnaires completed by the Public Health management team
- Conducted five interviews with 21 members of the Public Health management team to obtain perspectives on the key risks facing the Department
- Collaborated with members of the Finance and Public Health management team to identify and define 33 enterprise risks
- Mapped the Durham Region risk categories to the Government of Ontario Risk Management Strategy and Process Toolkit categories



Phase 3 Risk assessment

- Prepared for the June 26, 2017 and July 19, 2017 enterprise risk assessment workshops including the development of applicable presentation material and workshop hand-outs
- Facilitated two half-day risk assessment workshops with the Commissioner and Medical Officer of Health, four Department Directors and representatives from the Region’s Finance team (note that only the Commissioner & Medical Officer of Health and the four Department Directors participated in voting)
- Consolidated and analyzed the results of the risk assessments
- Documented the results of the risk assessments in a risk assessment report (i.e., this report)

Appendix B – Risk universe

The following chart summarizes the Department’s Enterprise Risk Universe. Detailed risk definitions are included in the pages that follow.

Strategic risks			People risks	
Strategic governance	Stakeholder	Community needs	Staff	Health and safety
<ul style="list-style-type: none"> • Strategic planning • Performance measurement 	<ul style="list-style-type: none"> • Stakeholder risk • Political risk* • Community partnerships and advocacy* 	<ul style="list-style-type: none"> • Evolving community needs* 	<ul style="list-style-type: none"> • Leadership • Management succession planning* • Short-term management resource adequacy* • Future competency needs* • Staff performance • Labour relations 	<ul style="list-style-type: none"> • Safety and security for staff and clients*

Financial risks		Operational risks		
Premises	Revenue and expenses	Quality of services	Information and technology	Human resources
<ul style="list-style-type: none"> • Facilities 	<ul style="list-style-type: none"> • Funding optimization and certainty* • Budgeting, forecasting and planning • Financial reporting • Insurance • Fraud and misappropriation 	<ul style="list-style-type: none"> • Quality programs and services* • Quality assurance program • Access to programs and services • Innovative programs and services • Performance expectations 	<ul style="list-style-type: none"> • Technology capabilities* • Privacy* • Information security • Information management • Project risk 	<ul style="list-style-type: none"> • HR reliability for staff recruitment

Governance risks	
Legal, regulatory and professional standards compliance	Reputation
<ul style="list-style-type: none"> • Regulatory compliance* 	<ul style="list-style-type: none"> • Crisis management • Communication

* Indicates a risk that was assessed during the June 26, 2017 and July 19, 2017 workshops.

Risk category	Risk and risk definition
Strategic governance	<p>1. Strategic planning</p> <p>The ability of the Health Department (Public Health) to develop and communicate a strategy that is aligned with its strategic intent (mission and vision) and the expectations of the Region and its key stakeholders, and is understood by its staff to ensure that the Health Department (Public Health) can achieve its strategies and priorities.</p>
	<p>2. Performance measurement</p> <p>The ability to use data to effectively measure and improve outcomes for Durham residents and businesses, so as to enable the Health Department (Public Health) to manage performance against indicators and targets.</p>
Stakeholder	<p>3. Stakeholder risk</p> <p>The ability to balance differing interests and objectives between major external stakeholders (e.g., Ministry of Health and Long-Term Care, Public Health Ontario, LHINs, etc.) and internal stakeholders (e.g., Social Services Department), which may impact the Health Department's (Public Health) ability to achieve its strategies and priorities.</p>
	<p>4. Political risk *</p> <p>The ability to anticipate and respond to changing provincial governments, political priorities or policy direction, which may impact the Health Department's (Public Health) ability to achieve its objectives and priorities as previously defined.</p>
	<p>5. Community partnerships and advocacy *</p> <p>The ability to clearly define roles and responsibilities and proactively build relationships with community partners to ensure that the collaboration with partners is effective and efficient.</p>
Community needs	<p>6. Evolving community needs *</p> <p>The ability to quickly identify the changing external environment in the community (e.g., demographic, legislative and clinical/environmental needs) and the Department's readiness and responsiveness to make changes to its people, resource allocations, processes and/or technology to meet the current and longer-term needs of the communities.</p>
Staff	<p>7. Leadership</p> <p>The ability to provide direction and motivate staff to develop a high-performing, highly engaged, collaborative, responsive and accountable team.</p>
	<p>8. Management succession planning *</p> <p>The ability to effectively plan for retirements/departures through staff promotions and retention activities (e.g., building capability and capacity) or by identifying the skill gap and developing alternate solutions.</p>
	<p>9. Short-term management resource adequacy *</p> <p>The ability to identify and staff short-term management resourcing gaps with qualified leaders (e.g., through placements or cross-training).</p>
	<p>10. Future competency needs *</p> <p>The ability to ensure staff have new and emerging competencies to support them in the effective and efficient execution of their roles and responsibilities, specifically in their capacity to deliver Public Health services while meeting quality standards.</p>
	<p>11. Staff performance</p> <p>The ability to ensure that staff have the required competencies and attributes to enable them to effectively and efficiently execute their current roles and responsibilities, specifically in their capacity to deliver Public Health services while meeting quality standards.</p>

Risk category	Risk and risk definition
	<p>12. Labour relations The ability to favourably maintain, renew and settle collective agreements to minimize any labour disruption and the impact on Public Health service delivery.</p>
Health and safety	<p>13. Safety and security for staff and clients * The ability to maintain the safety and security of staff through secure buildings, safe working conditions, sufficient awareness of safety issues and safe work practices and controls to prevent harm to employees, clients, reputational damage and exposure to litigation.</p>
Premises	<p>14. Facilities The ability to secure appropriate facilities in relevant locations and maintain existing facilities to ensure they meet the needs of the public and staff to allow for effective and efficient working conditions.</p>
Revenue and expenses	<p>15. Funding optimization and certainty * The ability for the Health Department (Public Health) to influence the decision makers to obtain certainty and sufficiency of funding that may impact the Health Department's (Public Health) strategies and priorities.</p> <p>16. Budgeting, forecasting and planning The ability to optimize spending to meet Public Health demands and to develop financial plans appropriately (including obligated municipality funding), through making realistic assumptions and developing accurate budgeting/forecasting models, to make appropriate decisions and budget allocations.</p> <p>17. Financial reporting The ability to issue accurate, complete and timely reports and other pertinent financial information to external parties.</p> <p>18. Insurance The ability to ensure there are adequate levels of insurance for public health programs to manage the Department's potential future financial/legal obligations.</p> <p>19. Fraud and misappropriation The ability to prevent or limit the occurrence of significant fraud or asset misappropriation perpetrated by employees or external parties.</p>
Legal, regulatory and professional standards compliance	<p>20. Regulatory compliance * The ability to maintain compliance and respond to changes in laws, regulations and standards (e.g. OPHS) impacting Public Health to minimize potential for fines/ funding reductions/ reputational damage and ensure the Health Department (Public Health) can continue to operate effectively and efficiently.</p>
Reputation	<p>21. Crisis management The ability of the Health Department (Public Health) to maintain crisis management practices (including media relations, emergency measures) which effectively respond to major crises that threaten to harm the Health Department's (Public Health) brand and reputation.</p> <p>22. Communication The ability to issue accurate, complete and timely communications, reports and other pertinent information to external parties (including proactive communication) and leverage appropriate means of communication, while meeting stakeholder expectations, comply with regulatory requirements and support continuous quality improvement of Public Health programs and services.</p>

Risk category	
Quality of services	<p>23. Quality programs and services *</p> <p>The ability to deliver quality programs and services to enable the Health Department (Public Health) to meet its operational performance targets, Public Health standards, and client service expectations while balancing available financial and human resources and ensuring compliance with Acts, regulations, standards and protocols and meeting service standards.</p>
	<p>24. Quality assurance program</p> <p>The ability to define and implement a quality assurance plan and strategy to strengthen Departmental practices and realize efficiencies in a timely manner.</p>
	<p>25. Access to programs and services</p> <p>The ability for the Health Department (Public Health) to respond to the increasing volume of residents looking for greater availability and accessibility to the programs and services while balancing available financial and human resources and ensuring compliance with Acts, regulations, standards and protocols.</p>
	<p>26. Innovative programs and services</p> <p>The ability for the Health Department (Public Health) to develop innovative service models that plan for the challenges of responding to specific community needs while balancing available financial and human resources and ensuring compliance with Acts, regulations, standards and protocols.</p>
	<p>27. Performance expectations</p> <p>The ability to define performance expectations through documented standards, policies and procedures and comply with key operational processes.</p>
Information and technology	<p>28. Technology capabilities *</p> <p>The ability to ensure that operations are supported by the needed technology capabilities that meet current and future needs, including leveraging new specialized technology, providing training to optimize use, and having dedicated and specialized resources to support systems.</p>
	<p>29. Privacy *</p> <p>The ability to safeguard personal health information and sensitive health records that are accessed and transferred through shared information systems by the Region, the Province and potentially other stakeholders through physical controls, technological means, and contractual requirements with appropriate handling, disclosure and communication that complies with privacy rules and regulations (e.g., PHIPA, MFIPPA).</p>
	<p>30. Information security</p> <p>The ability to maintain appropriate access to the Health Department's information assets (systems, data (e-mails, text messages), programs, intellectual property), including the ability to manage security threat trends (e.g., cyber security) that could severely impact the Health Department's (Public Health) reputation through Corporate IT.</p>
	<p>31. Information management</p> <p>The ability to maintain complete, accurate, reliable and accessible records (paper and electronic) and information to enable efficient evidenced-based decision making and demonstrate adherence to quality standards.</p>
	<p>32. Project risk</p> <p>The ability to have a good understanding of project requirements (needs), scope and complexity to enable successful implementation, user adoption, and operational improvements.</p>

Risk category

Human resources (HR) 33. HR reliability for staff recruitment

The ability for the Health Department (Public Health) to establish recruitment strategies and work with centralized HR to attract the necessary resources in a timely manner to address critical skill shortages, effectively deliver services and manage operations.

Glossary

Municipal Freedom of Information and Protection of Privacy Act (MFIPPA)

Personal Health Information Protection Act (PHIPA)

Ontario Public Health Standards (OPHS)

Quality Enhancement Plan (QEP)

* Indicates a risk that was assessed during the June 26, 2017 and July 19, 2017 workshops.

Appendix C - Risk rating criteria

Simply defined, **risk is anything that impacts the ability to achieve objectives and deliver on strategy**. For the purpose of assessing the Department’s risk exposure, the executive team assessed the residual likelihood and impact for 12 risks in its Enterprise Risk Universe.

Definitions for risk likelihood and risk impact are as follows:

- **Risk likelihood:** The likelihood or probability that the risk will occur within the next five years given the risk management activities currently in place.
- **Risk impact:** The level of impact on the Health Department’s ability to achieve its strategic objectives and deliver its strategy if the risk were to occur, considering the extent and effectiveness of existing risk management activities and the significance of any unmitigated exposure.

To assess risk on a residual basis, the executive team discussed the applicable risk management activities (and the effectiveness of these activities) when assessing each risk.

The following likelihood and impact scales were used in determining the Department’s risk profile shown in this document:

Likelihood rating scale

Level	Descriptor	Description
1	Remote	The event is very unlikely to occur (<10%) - controls / practices in place today are working as intended, all the time, and completely address the risk.
2	Unlikely	The event is unlikely to occur (10% to 39%) - controls / practices in place today are generally working as intended and address most of the risk.
3	Possible	The event may occur at some time (40% to 59%) - controls / practices in place today often do not work effectively to completely address the risk.
4	Likely	The event is likely to occur (60% to 90%) - controls / practices in place today are generally ineffective at addressing the risk.
5	Nearly certain	The event is very likely to occur (>90%) - controls / practices in place today are absent or are not sufficient to completely address the risk.

Impact rating scale

Level	Descriptor	Liability/financial factors	Operational disruption	Reputational impact
1	Minor	<ul style="list-style-type: none"> Temporary discomfort to clients or residents Financial losses that are insignificant (<2% of gross budget) 	<ul style="list-style-type: none"> Temporary or minimal loss of staff productivity (0 to 4 hours) Adjustments and re-prioritization of efforts can be readily made to maintain delivery of services 	<ul style="list-style-type: none"> Insignificant impact on public trust/little or no media attention
2	Noticeable	<ul style="list-style-type: none"> Some liability concerns Financial losses are noticeable (2% to <5% of gross budget) 	<ul style="list-style-type: none"> Some downtime that is quickly recovered (4 to 24 hours) 	<ul style="list-style-type: none"> Some public may become aware of the issue
3	Moderate	<ul style="list-style-type: none"> Insignificant injuries to staff or clients requiring short term leave of absences Moderate financial losses (5% to <7.5% of gross budget) 	<ul style="list-style-type: none"> Moderate disruption in the delivery of services/funding (1 to 3 days) 	<ul style="list-style-type: none"> Some loss of public trust/unfavourable media attention Some criticism by external review agencies
4	Major	<ul style="list-style-type: none"> Significant liability obligations that have downstream implications Substantive financial losses (7.5% to 10% of gross budget) 	<ul style="list-style-type: none"> High volumes of cancelled or rescheduled visits (3 to 7 days) Funding not distributed to operators and clients in a timely basis resulting in missed services 	<ul style="list-style-type: none"> Negative reports in major media outlets Poor client service survey results Additional Ministry audits
5	Severe	<ul style="list-style-type: none"> Loss of life, significant injury and/or chronic health problems to staff or clients Significant financial losses compromising the organization's ability to meet its goals (>10% of gross budget) 	<ul style="list-style-type: none"> Extended shutdown of facility(s), program(s) or service(s) (>7 days) 	<ul style="list-style-type: none"> Irreparable damage to reputation and credibility (i.e. public confidence) Strong criticism by key external stakeholders

Risk trend scale

Direction	Descriptor	Description
↑	Risk increasing	The risk is trending up (i.e. worsening) over the next five years
↓	Risk decreasing	The risk is trending down (i.e. lessening) over the next five years
↔	No change	The risk does not have a noticeable trend over the next five years

Appendix D – Detailed risk assessment results and commentary

The following table summarizes the risk rating results and lists the risk owners provided by participants during the risk assessment workshops on June 26, 2017 and July 19, 2017, presented in descending order of risk score.

Risk Category	Risk	Risk likelihood score (L)	Risk impact score (I)	Risk score (L x I)	Risk trend	Risk Owner
Operational	Technology capabilities (#28)	4.0	3.0	12.0	↑	Executive Committee (Director of Administration) Partner for Health: Corporate Services – Information Technology
Financial	Funding optimization and certainty (#15)	3.2	3.2	10.2	↑	Executive Committee (Director of Administration) Partner for Health – Finance Department
Operational	Privacy (#29)	2.0	3.4	6.8	↓	Health Information Custodian (i.e. Chief Medical Officer)
People	Safety and security for staff and clients (#13)	2.4	2.2	5.3	↔	Joint Health and Safety Committee Executive Committee
Operational	Quality programs and services (#23)	2.6	2.0	5.2	↑	Management team (specifically the Director of Administration and the Director of Oral Health who are leading Quality Based Planning efforts)
Strategic	Political risk (#4)	2.4	2.0	4.8	↔	Chief Medical Officer
Strategic	Evolving community needs (#6)	2.0	2.4	4.8	↑	Divisional Heads Management team
People	Management succession planning (#8)	2.6	1.8	4.7	↔	Executive Committee Corporate Human Resources
People	Future competency needs (#10)	2.0	2.2	4.4	↔	Executive Committee
Strategic	Community partnerships and advocacy (#5)	1.6	2.4	3.8	↔	Executive Committee

Risk Category	Risk	Risk likelihood score (L)	Risk impact score (I)	Risk score (L x I)	Risk trend	Risk Owner
Governance	Regulatory compliance (#20)	1.6	1.6	2.6	↔	Executive Committee
People	Short-term management resource adequacy (#9)	1.4	1.4	2.0	↔	Executive Committee

Appendix E – Risk Management Controls

The following table lists the self-identified risk control measures currently in place for the Public Health Department’s risk profile. Risk definitions are included in Appendix B.

Risk	Current Risk Management Controls
1. Technology capabilities (#28)	Onboarding Oral Health and ICD to Encounter Implementing a new, cloud-based Environmental Health information system
2. Funding optimization and certainty (#15)	Continually striving to optimize Regional and provincial funding to meet the needs of our local residents and our programs and services
3. Privacy (#29)	Continually implementing and evaluating our comprehensive privacy and information security program
4. Safety and security for staff and clients (#13)	Continually implementing and evaluating our client safety plan
5. Quality programs and services (#23)	Continually planning, implementing and evaluating our programs and services Participating in Accreditation Canada’s Omentum program
6. Political risk (#4)	Accountable to Regional Council and the Ontario government
7. Evolving community needs (#6)	Continually implementing and evaluating population health assessment and surveillance activities
8. Management succession planning (#8)	Continually implementing and evaluating our succession planning related policies, practices and procedures
9. Future competency needs (#10)	Intending to review the new Standards, protocols and guidelines using a competency needs lens Implementing our 2011 Quality Enhancement Plan, which includes developing staff
10. Community partnerships and advocacy (#5)	Continually engaged in/on various, relevant local, regional and provincial policy development processes/planning tables
11. Regulatory compliance (#20)	Continually evaluating our regulatory compliance
12. Short-term management resource adequacy (#9)	Continually reviewing, managing and evaluating our talent needs, including sponsoring student placement



The Regional Municipality of Durham Information Report

From: Commissioner of Finance
Report: #2017-INFO-137
Date: November 24, 2017

Subject:

Provincial Government 2017 Fall Economic Outlook and Fiscal Review

Recommendation:

Receive for information

Report:

1. Purpose

1.1 This report is to identify Regional implications and provide information and highlights from the Government of Ontario's "2017 Ontario Economic Outlook and Fiscal Review: A Strong and Fair Ontario," which was tabled in the Ontario Legislature on November 14, 2017.

2. Background

2.1 Each fall, the Ontario Government releases an Economic Statement which highlights changes and trends in the economic environment, and provincial government finances, including adjustments since the provincial budget document was released in the spring. The document also provides information on government policy and program priorities, partnerships and commitments.

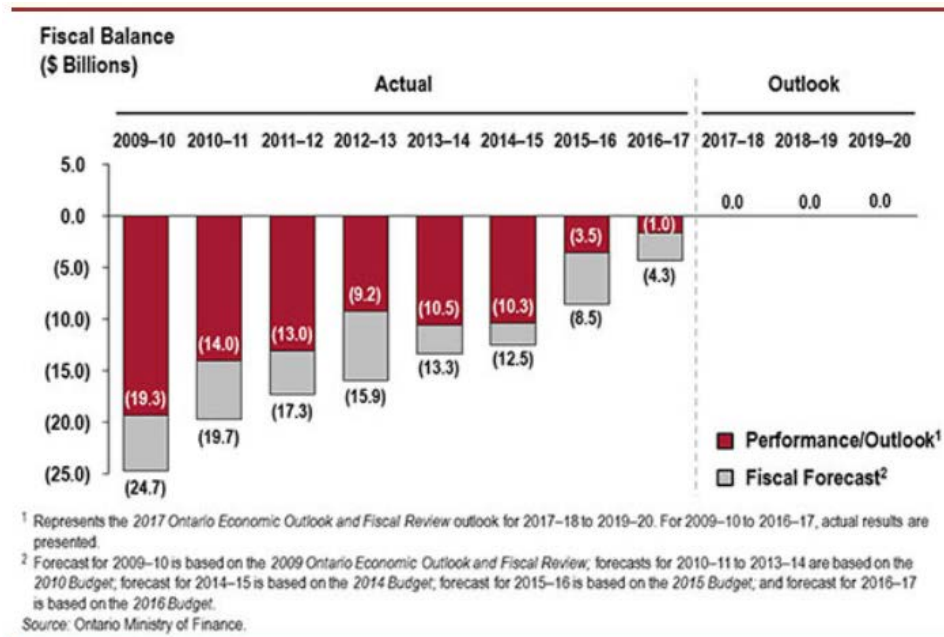
3. Government of Ontario's Economic and Fiscal Outlook

3.1 A highlight of the province's fiscal review is the continuing projection for a return to balanced budgets commencing in 2017/18. The outlook includes consideration of improved economic indicators. The Ministry of Finance's economic outlook for 2017 notes:

- A 2017 unemployment rate of 6.2 per cent compared to a 6.5 per cent for 2016;
- Real gross domestic product (GDP) increased 2.8 per cent in 2017;
- Ontario's 2017 exports increased 0.8 per cent;
- Retail sales increased 6.2 per cent in 2017; and,
- Approximately 99,000 new jobs were created in 2017, following 76,000 in 2016.

3.2 For the fiscal year ended March 31, 2017, the provincial budget deficit was \$1.0 billion, below the \$4.3 billion projected in the Ontario Government's 2016 Budget. As noted within the 2017 Provincial Budget in the spring (Report#2017-COW-99), balanced budgets are projected for 2017/18 and the subsequent two years per the Province's chart below.

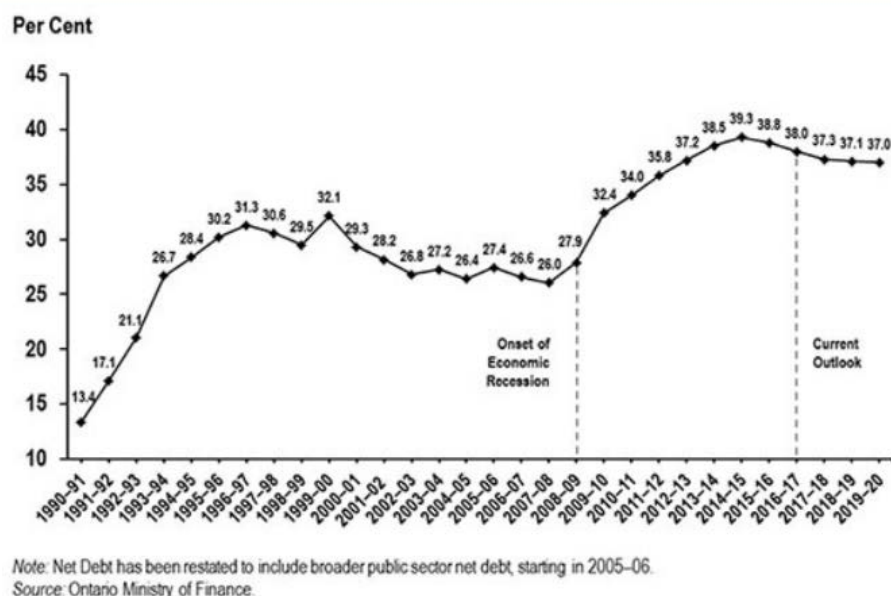
Chart 1: Ontario Government Fiscal Balance



Source: Government of Ontario Fiscal Balance Chart 3.1 (Economic Statement, page 98)

- 3.3 Provincial long term borrowing is projected to increase from \$26 billion in 2017/18 to \$38 billion by 2019/20. Annual debt servicing costs in 2017/18 are projected to be approximately \$12.2 billion or 8.2 per cent of total expenses of \$150 billion.
- 3.4 The Government of Ontario projects a declining net debt to GDP ratio (from 38 per cent in 2016/17 to 37 per cent by 2019/20).

Figure 2: Government of Ontario Ratio of Net Debt to GDP



Source: Government of Ontario Net Debt to GDP Chart 3.2 (Economic Statement, page 99)

4. Risks to the Province's Economic and Fiscal Outlook

4.1 Three risks were highlighted by the province that could potentially impact the economic and fiscal projections presented. These include:

- Uncertainties related to the economic policies of the United States Government, particularly those related to Canada-United States trade;
- Household debt which, as interest rates rise, creates heightened risks to consumer spending and household activity (which are contributors to rising GDP growth); and,
- Geopolitical uncertainty which could impact consumer and business confidence and growth.

5. Municipal Collaboration

5.1 The province reiterated its commitment to collaborate with municipalities with a focus on improving infrastructure. The province noted that:

"In 2017, the Province is providing municipalities with ongoing support of more

than \$4 billion. Provincial support is projected to grow to approximately \$4.2 billion by 2018 — nearly four times the level of funding provided in 2003. This means municipalities will have more financial flexibility to invest in local priorities, such as roads, transit and economic development.” (Economic Statement, page 145)

5.2 Infrastructure initiatives and/or funding programs noted within the province’s fall statement had been previously announced but were re-affirmed.

6. Pending Provincial Plans, Funding and Legislation

6.1 Within the 2017 Fall Economic Outlook and Fiscal Review, the province highlighted several pending initiatives, plans and legislation which Regional staff will continue to monitor and report on as relevant information becomes available, including:

- The province will release this Fall a 10-year infrastructure plan providing a long-term vision for infrastructure in Ontario;
- Based on David Marshall’s April 2017 report “*Fair Benefits Fairly Delivered*,” new measures will be announced to transform Ontario’s auto insurance industry to enhance efficiency, create savings for consumers, and improve care for victims;
- Legislation will be announced to enhance the independence of Ontario’s police oversight system and modernize the policing framework;
- Provincial legislation will modernize Provincial Offences Act (POA) courts, including streamlined procedures for traffic ticket disputes and minor offences; and,
- The Ontario Government is identifying opportunities for potential investments in Ontario under the five-year \$2 billion federal Low Carbon Economy Fund.

7. Conclusions

7.1 Finance staff will continue to monitor the fiscal, economic and budget statements tabled by senior levels of government and highlight financial or service implications or new initiatives to ensure challenges are highlighted and, in consultation with all departments, that any opportunities for additional financing are maximized for Regional programs. Any opportunities or additional developments will be reported to Committee and Council as appropriate and required.

Original signed by

R. J. Clapp, CPA, CA
Commissioner of Finance



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2017-INFO-138
Date: November 21, 2017

Subject:

Investment Attraction Statistics – Third Quarter: July 1, 2017 to September 30, 2017

Recommendation:

Receive for information

Report:

1. Purpose

1.1 The purpose of this report is to summarize the investment attraction activity handled by the Economic Development and Tourism Division in the third quarter of 2017 (Q3).

2. Background

2.1 The Economic Development and Tourism Division's investment attraction activities are focused on four areas: (i) Generate and source leads for potential new investment, including FDI missions and hosting investor tours & delegations; (ii) Respond to investment inquiries; (iii) Promote the Region among the real estate & development community; and (iv) Cultivate relationships with Toronto Global and Federal & Ontario Governments the promote investment attraction to the Region.

2.2 The Investment Attraction team handled eleven investment leads, seven of these leads came directly to the Region or through the Region's global investment missions. Four of these investment leads came through outside agencies. Details of these leads can be found in Appendix 1 of this report.

2.3 The inquiries came from a number of different sectors, the largest number coming

from Manufacturing (5); Technology/Information (3); Business Services (1); Food Industry (1); and Other (1).

- 2.4 Eleven investment leads from Q3 are currently “Open” and still considering their investment plans.
- 2.5 One investment mission was undertaken by Regional Economic Development staff to Germany. Details of this mission can be found in Appendix 2 of this report.
- 2.6 Economic Development and Tourism staff hosted one investor from Canada. As a result, the investor is in the process of becoming a Spark Centre client and is intending to invest in Durham next year. Details of this investor visit can be found in Appendix 3 of this report.

3. Conclusion

- 3.1 In the third quarter of 2017, the Investment Attraction team responded to eleven investment inquiries, undertook one investment mission, and hosted one company visit.
- 3.2 The Investment Attraction team is continuing to deliver its 2017 work plan to promote the Region in international markets as a municipality that is “open for business”.

Respectfully submitted,

Original signed by

B.E. Bridgeman, MCIP, RPP
Commissioner of Planning and
Economic Development

Appendix 1: Investment Leads (Q3 2017)

	Project Name	Date of Inquiry	Status	Source	Project Description
1.	Brazilian Gaming Studio	07/Jul/17	OPEN	Direct	Indie gaming design company specializing in game production, design, art, and culture pop games. They are looking to expand in Ontario by the end of 2018 and create 7 jobs.
2.	U.S. Food Manufacturer	17/Jul/17	OPEN	Direct	U.S. food manufacturer looking to expand in Ontario creating 500-700 jobs.
3.	Uxbridge Resident	09/Aug/17	OPEN	Direct	Uxbridge resident looking to purchase or invest in an existing business and will invest up to \$1M.
4.	Ontario Investment Office Distribution Centre	15/Aug/17	OPEN	Ontario Ministry of Economic Development & Growth	Distribution centre investment which will create 600 jobs and an investment of \$100M. Shortlisted 2 sites in Durham.
5.	Amazon HQ2	06/Sept/17	OPEN	Toronto Global	Looking to establish a second headquarters in North America and expect to hire 50,000 employees. Durham submitted 2 potential sites in collaboration with Toronto Global.

	Project Name	Date of Inquiry	Status	Source	Project Description
6.	Microchip Technology	08/Sept/17	OPEN	Gov. of Canada Industrial Research Assistance Program (IRAP)	Established engineering firm in Toronto providing microchip design services. Interested in opening spinout business based on their wearable technologies. Durham is considered one of their top choices.
7.	Industrial Plant	27/Sept/17	OPEN	Indusite Realty Corp. Brokerage	Seeking an industrial plant for sale or lease for immediate occupancy.
8.	Hygiene Solutions Technology	28/Sept/17	OPEN	Drinktec Tradeshow	Process technology and hygiene solutions. Interested in opening a sales office in Durham with an initial hire of 1-3 employees.
9.	German Machining Manufacturer	29/Sept/17	OPEN	Drinktec Tradeshow	Manufactures modular bottling machines. Interested in opening a factory in the Toronto Region.
10.	German Sorting Machine Manufacturer	29/Sept/17	OPEN	Drinktec Tradeshow	Develop and build sorting machines for the beverage industry. Interested in expanding into the North American market.

	Project Name	Date of Inquiry	Status	Source	Project Description
11.	Unmanned Aircraft System	28/Sept/17	OPEN	Direct	Research vessel and core of a fast-growing, full-service Remotely Piloted Aircraft System. Durham Region is choice location. Finalizing funding arrangements.

Appendix 2: Investment Missions (Q3 2017)

	Mission	Purpose	Partner	Leads	Prospects
1.	Drinktec Tradeshow - Germany	Investment	None	16	3

Due to a four month gapping in the Manager of Investor Attraction position, only one mission was undertaken in 2017 Q3.

Appendix 3: Investor Visits (Q3 2017)

	Company	Month	Outline Program	Outcome
1.	Microchip Technology	September	Provided information on our services and discussed Durham's advantages and Spark Centre	The company is in the process of becoming a Spark Centre client and is seeking to get venture capital funding from Sparks Angel Investors. They plan to open an office in 2018.



The Regional Municipality of Durham Information Report

From: Commissioner of Corporate Services
Report: #2017-INFO-139
Date: November 24, 2017

Subject:

Update on *Bill 148, Fair Workplaces, Better Jobs Act, 2017*

Recommendation:

Receive for information

Report:

1. Purpose

To advise Council that Bill 148, Fair Workplaces, Better Jobs Act, 2017 had third reading on November 22, 2017 and was carried. Modifications to the bill expanded to include the Occupational Health and Safety Act in addition to the further changes impacting the Employment Standards Act and Labour Relations Act. As staff familiarize themselves with the changes and more details become available with respect to full impact, royal assent and activation dates, we will provide a more fulsome report to Committee and Council in January 2018.

Respectfully submitted,

Original signed by

D. Beaton, BAS, MPA
Commissioner of Corporate Services

Afreen Raza

From: Leah Wood
Sent: November-17-17 12:07 PM
To: Clerks
Cc: Melissa Hutchinson
Subject: Bill 174: The Cannabis Act
Attachments: Durham Region Health Department Briefing Note Bill 174.pdf; Algoma Cannabis Zoning Recommendations November 10 2017.pdf

Hi there,

Please forward this email and attachments to all of the local municipalities.

Thanks,
Leah

The Ontario Ministry of Finance and the LCBO have identified 14 Ontario municipalities that will be involved in the initial roll out of stand-alone cannabis stores by July 2018. Notwithstanding, under the proposed approach, approximately 150 standalone stores will be opened by 2020, including 40 stores by July 2018, rising to 80 by July 2019. Online distribution will also be available to service all regions of the province.



While Durham Region is not one of the 14 municipalities listed, we understand that municipalities may want to consider and prepare for a local response to Ministry/LCBO consultations that will be held with municipalities at potential sites.

To support this, the Health Department is pleased to provide you with a briefing note that provides and overview of Bill 174: The Cannabis Act, as well as considerations for municipal action. Additionally, a letter by Algoma Public Health has been included in order to provide municipalities with an example of a local response that is currently underway.

If you have any questions about the attached information, please do not hesitate to contact me.

Sincerely,
Melissa Hutchinson

Melissa Hutchinson RN, BA, MN
Program Manager, Public Health Nursing and Nutrition
Durham Region Health Department
605 Rossland Rd. E., 2nd Floor | P.O. Box 730 | Whitby, ON L1N 0B2
(T) 905-668-7711, ext. 3095 | (F) 905-666-6214 | 1-800-841-2729 ext. 3095
melissa.hutchinson@durham.ca
durham.ca

 facebook.com/durhamregionhealth
 twitter.com/durhamhealth

Join the conversation at....

 **Durham Healthy Families**
Where Durham parents go to find support, information and resources to raise a healthy family.

 facebook.com/DurhamHealthyFamilies

C.S. - LEGISLATIVE SERVICES

Original
To: CIP
Copy R. Anderson
To: G. Cubitt
J. Clapp
Dr. Kyle
↳ emailed admin's Nov 16
C.C. S.O.C. FR
Take Appr. Action

emailed all local municipalities on Nov-20



twitter.com/DurhamFamilies

[Instagram.com/durhamhealthyfamilies](https://www.instagram.com/durhamhealthyfamilies)



The Regional
Municipality
of Durham

Health Department

605 ROSSLAND ROAD EAST
LEVEL 2
PO BOX 730
WHITBY, ON L1N 0B2
CANADA

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1-800-841-2729
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durham.ca

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Public Health Agency

 [facebook.com/
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DurhamHealth](https://twitter.com/DurhamHealth)

Briefing Note: Bill 174

An Act to enact the Cannabis Act, 2017, the Ontario Cannabis Retail Corporation Act, 2017 and the Smoke-Free Ontario Act, 2017, to repeal two Acts and to make amendments to the Highway Traffic Act respecting alcohol, drugs and other matters

Issue

- The purpose of this briefing note is to summarize key aspects of [Bill 174](#), including the proposed Cannabis Act, 2017 which would, if passed, regulate the use and distribution of cannabis within the province of Ontario by July, 2018.
- Recommendations for Regional and Municipal action to prepare for legalization of recreational cannabis are provided.

Background

- In April 2017, the federal government introduced legislation to legalize and regulate recreational cannabis in Canada starting in July 2018.
- Ontario has proposed legislation to build on the federal framework and to regulate the use and distribution of recreational cannabis.
- The Durham Region Health Department has provided input to the province through its consultation process to inform development of the proposed legislation.

Current State

- On November 1, 2017, Ontario introduced legislation that aims to regulate the use and distribution of recreational cannabis, once legalized on July 1, 2018. The proposed legislation would:
 - Create a new provincial retailer, overseen by the Liquor Control Board of Ontario (LCBO), for the distribution of recreational cannabis through stand-alone stores and an online order service;
 - Set a minimum age of 19 to consume, purchase or possess recreational cannabis and for home cultivation;
 - Focus on harm reduction by allowing for the diversion of people under the age of 19 from the justice system into programs focused on education and prevention;
 - Ban the use of cannabis in public places, workplaces and vehicles and boats, similar to alcohol;

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If this information is required in an accessible format, please contact
1-800-372-1102 ext. 3324.



100% Post Consumer

- Introduce new provincial offences with strict, escalating penalties for illegal storefront dispensaries; and
- Establish tougher drug-impaired driving laws, including a zero-tolerance approach for young, novice and commercial drivers.
- Under the proposed approach, approximately 150 standalone stores will be opened by 2020, including 40 stores by July 2018, rising to 80 by July 2019. Online distribution will also be available to service all regions of the province.
- The province will pursue a coordinated and proactive enforcement strategy to shut down illegal cannabis storefronts and dispensaries
- Smoking, the use of medical cannabis, and the use of e-cigarettes, will be regulated under the new Smoke-Free Ontario Act, 2017, which will replace the Smoke-Free Ontario Act and the Electronic Cigarettes Act, 2015.
- The Minister may, on behalf of the Crown, enter into an arrangement and agreement with a council of the band with respect to the sale, distribution, purchase, possession, consumption, cultivation, and propagation or harvesting of cannabis on a reserve.
- Other details of Ontario's approach will be set by regulation, after passage of the legislation, following consultation with municipalities, Indigenous communities, and other stakeholders.
- The Ministry of Finance and the LCBO have identified the following initial 14 Ontario municipalities intended for stand-alone cannabis stores by July 2018:
 - Barrie
 - Brampton
 - Hamilton
 - Kingston
 - Kitchener
 - London
 - Mississauga
 - Ottawa
 - Sault Ste. Marie
 - Sudbury
 - Thunder Bay
 - Toronto
 - Vaughan
 - Windsor.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3324.



Recommended Regional and Municipal Action

- It is recommended that the Region of Durham continue to provide input to the province by participating in provincial consultation processes that will:
 - Inform locations of cannabis storefronts;
 - Determine the feasibility and implications of introducing designated establishments where recreational cannabis could be consumed; and
 - Inform the storefront rollout process.
- The Region of Durham may take additional actions to prepare for the legalization of recreational cannabis in July 2018 by considering enhancement of the Regional Municipality of Durham Bylaw 66 - 2002 to include toking and vaping restrictions at entrances to Regional and Municipal buildings and /or property.
- Regional and/or Municipal recommendations to the province should highlight the need for:
 - Financial assistance to recover municipal costs of implementing and enforcing the new legislation for legalized cannabis;
 - Financial assistance to implement a comprehensive prevention and harm reduction approach that promotes awareness of cannabis related harms and seeks to delay age of initiation amongst youth and young adults;
 - Regional/Municipal enforcement tools to support the closure of illegal storefronts; and
 - Consideration of the following sensitive uses, proximity and density measures related to cannabis retailers:
 - Child care centres
 - Post-secondary schools
 - Elementary and secondary schools
 - LCBO stores
 - Gaming facilities, such as Great Blue Heron Casino in Scugog and Ajax Downs
 - Healthcare facilities, such as hospitals
 - Long-term care homes
 - Recreation centres
 - High priority neighbourhoods where there is a higher degree of crime or higher socioeconomic disparity. The Health Department's Health

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3324.



Neighbourhoods information can be found here:

https://www.durham.ca/health.asp?nr=/departments/health/health_statistics/health_neighbourhoods/index.htm

- Arcades, amusement parks, and other places where children and youth congregate
- Separation distances between retailers.

Financial Impact

Future financial impacts are yet to be determined. Please also refer to recommendations.

Next Steps

- The province will consult with municipalities regarding the process for siting storefront locations.
- Once a store site has been identified, a notice will be posted online and at the location to ensure public notification and to provide opportunity for public feedback on the proposed location.
- The province will consult with municipal partners, the Alcohol and Gaming Commission of Ontario and other organizations, including Indigenous communities and organizations, to explore the feasibility and implications of introducing designated establishments where recreational cannabis could be consumed.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3324.



100% Post Consumer



November 6, 2017

Donald McConnell, MCIP, RPP
 Director, Planning & Enterprise Services
 99 Foster Drive
 Sault Ste. Marie, ON P6A 5X6

Dear Mr. McConnell:

Re: Ministry of Finance Identifying Sault Ste. Marie as an Initial Cannabis Retail Site

As you are aware, the Ministry of Finance recently identified Sault Ste. Marie as an initial cannabis retail site. It is Algoma Public Health's (APH) understanding that the Ministry of Finance will be consulting with our municipal government, to determine the best approach on deciding a suitable location. From a public health perspective, we wish to offer our support to The Corporation of The City of Sault Ste. Marie to establish a suitable location for a cannabis retail outlet that will minimize potential negative impacts on the community.

Evidence from experience with tobacco sales has shown that optimal siting of retail outlets may reduce frequency of use, reduce exposure to high-risk populations; in particular youth and will ensure a continued focus on the wellbeing and safety of all residents. Although at the present time only one outlet has been indicated for Sault Ste. Marie it is quite possible that there will be others in the future. Developing a comprehensive by-law that supports access while minimizing risks will serve the citizens of the community well.

We know that by locating retail outlets near any youth-serving facility, there is an increased environmental risk factor for substance misuse. We are pleased that the government is moving forward with its plan to support youth, young adults, and vulnerable populations with an integrated prevention and harm reduction approach. Public health has had many successes with the institution of tobacco control measures and related harms. By building on this knowledge we hope to create a safe and responsible atmosphere surrounding cannabis.

The following are some recommendations to consider when planning for the location of Sault Ste. Marie's first cannabis retail site:

- Require retail cannabis locations to be at **minimum 500m** away from any youth-serving facility (i.e. schools, parks, recreation centers);
- Require retail cannabis locations to be at **minimum 200m** away from any alcohol, tobacco or cannabis-related businesses;
- Limit access to cannabis by minimizing hours of sale, reflecting those already established by the LCBO.

Algoma Public Health is very eager to discuss these recommendations with you, and to support you as we aim to maintain the wellbeing and safety of the residents of Sault Ste. Marie. We look forward to hearing from you.

Sincerely,

Marlene Spruyt, BSc, MD, CCFP, FCFP, MSc-PH
 Medical Officer of Health/CEO

Blind River
 P.O. Box 194
 9B Lawton Street
 Blind River, ON P0R 1B0
 Tel: 705-356-2551
 TF: 1 (888) 356-2551
 Fax: 705-356-2494

Elliot Lake
 ELNOS Building
 302-31 Nova Scotia Walk
 Elliot Lake, ON P5A 1Y9
 Tel: 705-848-2314
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 294 Willow Avenue
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Wawa
 18 Ganley Street
 Wawa, ON P0S 1K0
 Tel: 705-856-7208
 TF: 1 (888) 211-8074
 Fax: 705-856-1752



Interoffice Memorandum

Date: November 24, 2017

To: Committee of the Whole

From: Dr. Robert Kyle

Subject: Proposed Amendments to Regulations made under the *Health Protection and Promotion Act (HPPA)*

Health
Department

On October 25, 2017, the Ministry of Health and Long-Term Care (MOHLTC) proposed changes to 11 regulations under the HPPA. MOHLTC communicated that proposed changes will modernize and update regulatory requirements to address inconsistencies, remove redundancies, provide clarity and reflect updated terminology in the delivery of public health services. The [Summary of Proposed Amendments to Regulations made under the Health Protection and Promotion Act](#) is available on Ontario's Regulatory Registry.

In summary, amendments were proposed to the following regulations:

- Reg. 199/03 - Control of West Nile Virus
 - The proposed change would permit medical officers of health flexibility to determine required actions to respond to West Nile Virus.
- Reg. 318/08 - Transitional - Small Drinking Water Systems
 - It is proposed that the regulation be repealed as the permanent regulation (Reg. 319/08 - Small Drinking Water Systems) is in force.
- Reg. 428/05 - Public Spas
 - The proposed changes include consolidation of the public pool and public spa requirements into one regulation and changes to address new evidence and industry standards.
- Reg. 554 - Camps in Unorganized Territory
 - Substantial changes are proposed to modernize the requirements.

- Reg. 557 - Communicable Diseases - General
 - Changes are proposed to the Eyes of New-Born, Rabies and Psittacosis-Ornithosis and Disposal of Corpses sections.
- Reg. 562 - Food Premises
 - Substantial changes are proposed to streamline requirements and address new evidence and industry standards.
- Reg. 565 - Public Pools
 - See 428/05 - Public Spas above.
- Reg. 566 - Qualifications of Boards of Health Staff
 - Proposed changes include removing existing public health professional qualifications requirements for business administrators, public health inspectors, public health dentists, dental hygienists and public health nutritionists. The MOHLTC is in the process of developing a “Qualifications for Public Health Professionals” Protocol under the Ontario Public Health Standards which will detail specific requirements for employing qualified public health professionals.
- Reg. 567 - Rabies Immunization
 - Proposed changes modernize requirements for rabies immunization of animals.
- Reg. 568 - Recreational Camps
 - Changes are proposed to eliminate redundancies and improve recreational camp safety.
- Reg. 569 - Reports
 - Proposed changes modernize the information collected for reportable diseases and support current practices for case and contact management.

MOHLTC accepted comments on the proposed changes until November 8, 2017. The Durham Region Health Department is awaiting finalization of the regulatory changes and is reviewing proposed changes to determine any impacts to current practices, policies and procedures.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
 Commissioner & Medical Officer of Health



Interoffice Memorandum

Date: November 24, 2017

To: Committee of the Whole

From: Dr. Robert Kyle

Subject: Release of the Ontario Public Health Standards: Requirements for Programs, Services, and Accountability

Health
Department

On November 16, 2017, the Ministry of Health and Long-Term Care (MOHLTC) held a Public Health Summit to release the modernized *Ontario Public Health Standards: Requirements for Programs, Services, and Accountability* (OPHS), which come into effect on January 1, 2018.

The modernized OPHS include: a policy framework for public health programs and services; four foundational and nine program standards; a public health accountability framework with organizational requirements; a draft public health indicator framework; and a draft transparency framework. Eight Protocols and one Guideline were also released. All final documents will be posted to the MOHLTC website in early 2018.

MOHLTC presented a [slide deck](#) to provide an overview of the context for the modernized OPHS and to highlight key changes. Key program changes include:

- A new Health Equity standard which includes a new requirement to engage with First Nations and Indigenous Communities;
- A new School Health standard which includes a new requirement to provide visual health supports and vision screening services;
- A new requirement to formally engage with the CEO from each LHIN within the geographic boundaries of the public health unit on population health assessment, joint planning for health services, and population health initiatives; and
- Increased emphasis on considering mental health promotion in planning public health interventions.

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Additional changes include new requirements to demonstrate strengthened accountability including a new requirement to submit to the MOHLTC an Annual Service Plan and Budget Submission. Organizational Requirements, many of which are currently included in the Ontario Public Health Organizational Standards, are now included in the modernized OPHS.

MOHLTC will be releasing additional Protocols and Guidelines over the next few months. The Durham Region Health Department is reviewing the OPHS, Protocols and Guideline released to date to determine how best to implement new requirements.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health

PARADISE PARK & BEACH IMPROVEMENTS

Project Update



Improvements are being made to Paradise Park and Paradise Beach with new features to improve access, natural environment and user experience. Construction work is expected to begin Winter 2017.

EXISTING BUILDING ON-SITE

- The existing building located in the Paradise Park area is expected to be demolished by the end of November 2017.

WASHROOM FACILITY

- The 115 sq. m. facility will include male and female washrooms, seating areas, bike racks and pedestrian walkways.
- Staff have completed studies and a detailed design.
- The site plan is expected to be finalized by the end of November 2017 and construction is expected to commence in early 2018.



PARADISE BEACH SHORELINE

- Due to high water levels and active shoreline erosion, work is required to restore and realign the shoreline.
- The Toronto and Region Conservation (TRCA) will be re-grading, repairing and improving drainage and any other flood/erosion damage.
- Work will begin at the end of November 2017 and will last for approximately 5 days, weather permitting.

LAKEVIEW BOULEVARD REALIGNMENT

- Staff are awaiting the final decision with respect to the Lakeview Boulevard Environmental Assessment. A decision from the Ministry of Environment and Climate Change is expected shortly.



For more information, contact:
Catherine Bridgeman,
Manager of Infrastructure and Asset Management
905-619-2529, ext. 4226, catherine.bridgeman@ajax.ca

For the latest news & updates, visit
ajax.ca/paradisepark



Attachments:

Follow up - Item 5.11.pdf

Good morning,

At its meeting of November 8, 2017, City of Hamilton Council endorsed the Town of Lakeshore's resolution (attached) respecting the Provincial Flood Insurance Program.

Regards,

Christine Vernem
Legislative Secretary
Clerks Office
Phone: 905-546-2424, Ext. 2053



www.hamilton.ca/canada150

NOV 15 '17 PM 2:39



OFFICE OF THE MAYOR
CITY OF HAMILTON

November 10, 2017

The Honourable Kathleen Wynne,
Premier of Ontario
795 Eglinton Avenue East, Suite 101
Toronto, ON M4G 4E4

Dear Premier Kathleen Wynne:

Re: Provincial Flood Insurance Program

At its meeting of November 8, 2017, City Council endorsed the Town of Lakeshore's resolution (attached) respecting the above matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Fred Eisenberger", written over a large, stylized flourish.

Mayor Fred Eisenberger

cc. Hon. Patrick Brown, Leader of the Progressive Party
Hon. Andrea Horwath, Leader of the New Democratic Party
Association of Municipalities of Ontario (AMO)
Via Email – MPPs in the Province of Ontario

**TOWN OF LAKESHORE**

419 Notre Dame St.
Belle River, ON N0R 1A0

October 11, 2017

Honourable Kathleen Wynne, Premier
Legislative Building, Room 281
Queen's Park
Toronto, ON M7A 1A1

Dear Premier Wynne:

RE: PROVINCIAL FLOOD INSURANCE PROGRAM

At their meeting of October 10, 2017 the Council of the Town of Lakeshore duly passed the following resolution.

Councillor Wilder moved and Councillor Janisse seconded:

That:

WHEREAS weather patterns seem to have changed, in that excessive and prolonged rains are now becoming more frequent and regular,

WHEREAS there is an increased chance of flooding, as result of excessive and prolonged rains;

WHEREAS property owners in areas that are at an increased risk of flooding are often unable to purchase flood insurance to protect their properties; and

WHEREAS the cost of property repairs after a flood cause financial hardship for individuals, families and businesses.

NOW THEREFORE BE IT RESOLVED that the Government of Ontario be urged to create a Provincial Flood Insurance Program, to cover those individuals, families and businesses who are unable to secure flood insurance for their properties;

BE IT FURTHER RESOLVED that a copy of this motion be sent to the Honourable Kathleen Wynne, Premier of Ontario, the Honourable Patrick Brown, Leader of the Progressive Conservative Party, the Honourable Andrea Horwath, Leader

of the New Democratic Party, and all MPPs in the Province of Ontario; and

BE IT FURTHER RESOLVED THAT a copy of this Motion be sent to the Association of Municipalities of Ontario (AMO) and all Ontario municipalities for their consideration.

Motion Carried Unanimously

Should you require any additional information with respect to the above matter, please contact the undersigned.

Yours truly,



Mary Masse
Clerk

/cl

cc: Hon. Patrick Brown, Leader of Progressive Conservative Party
cc: Hon. Andrea Horwath, Leader of New Democratic Party
cc: Association of Municipalities Ontario (AMO)
cc: Via Email - All Ontario Municipalities
cc: Via Email - MPPs in the Province of Ontario



NOV 15 2017 4:41:12

COUNCIL RESOLUTION

AGENDA ITEM NO.: 7.1

Date: November 13, 2017

RESOLUTION NO.: 4b

MOVED BY:

SECONDED BY:

THAT Council receives the presentation FROM Oxford People Against Landfill Group;

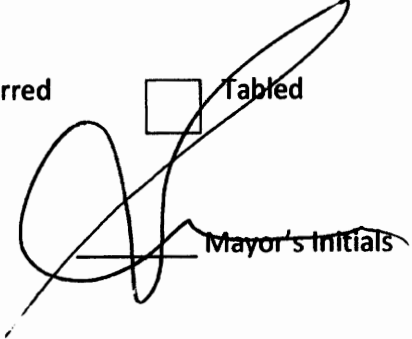
AND THAT the Town of Tillsonburg calls upon the Government of Ontario, and all political parties, to formally grant municipalities the authority to approve landfill projects in or adjacent to their communities, prior to June 2018;

AND THAT in the case of a two-tier municipality, the approval be required at both the upper-tier and affected lower-tier municipalities;

AND FURTHER THAT the Town of Tillsonburg encourage all other municipalities in Ontario to consider this motion calling for immediate provincial action.

Carried Defeated Deferred Tabled

Recorded Vote

 Mayor's Initials

2017-11-15.b

Township of East Zorra-Tavistock – Council Resolution

Moved by: JS

November 15, 2017

Seconded by: SMH

Resolution # 3

WHEREAS municipal governments in Ontario do not have the right to approve landfill projects in their communities, but have authority for making decisions on all other types of development;

AND WHEREAS this out-dated policy allows private landfill operators to consult with local residents and municipal Councils, but essentially ignore them;

AND WHEREAS proposed Ontario legislation (Bill 139) will grant municipalities additional authority and autonomy to make decisions for their communities;

AND WHEREAS municipalities already have exclusive rights for approving casinos and nuclear waste facilities within their communities, AND FURTHER that the province has recognized the value of municipal approval for the siting of power generation facilities;

AND WHEREAS the recent report from Ontario's Environmental Commissioner has found that Ontario has a garbage problem, particularly from Industrial, Commercial and Institutional (ICI) waste generated within the City of Toronto, where diversion rates are as low as 15%;

AND UNLESS significant efforts are made to increase recycling and diversion rates, a new home for this Toronto garbage will need to be found, as landfill space is filling up quickly;

AND WHEREAS municipalities across Ontario are quietly being identified and targeted as potential landfill sites for future Toronto garbage by private landfill operators;

AND WHEREAS other communities should not be forced to take Toronto waste, as landfills can contaminate local watersheds, air quality, dramatically increase heavy truck traffic on community roads, and reduce the quality of life for local residents;

AND WHEREAS municipalities should be considered experts in waste management, as they are responsible for this within their own communities, and often have decades' worth of in-house expertise in managing waste, recycling, and diversion programs;

AND WHEREAS municipalities should have the exclusive right to approve or reject these projects, and assess whether the potential economic benefits are of sufficient value to offset any negative impacts and environmental concerns;

THEREFORE BE IT RESOLVED THAT the Township of East Zorra – Tavistock calls upon the Government of Ontario, and all political parties, to formally grant municipalities the authority to approve landfill projects in or adjacent to their communities, prior to June 2018;

AND THAT in the case of a two-tier municipality, the approval be required at both the upper-tier and affected lower-tier municipalities;

AND FURTHER THAT the Township of East Zorra – Tavistock encourage all other municipalities in Ontario to consider this motion calling for immediate provincial action.

Carried
A. McFay



The Corporation of the
Township of Ignace

34 Highway 17 West P.O. Box 248 Ignace, ON P0T 1T0

November 13, 2017

RESOLUTION #	718/2017
Moved By:	<i>Chicki Pesola</i>
Seconded By:	<i>[Signature]</i>

WHEREAS Weather patterns seem to have changed, in that excessive and prolonged rains are now becoming more frequent and regular,

WHEREAS There is an increased chance of flooding, as a result of excessive and prolonged rains;

WHEREAS Property owners in areas that are at an increased risk of flooding are often unable to purchase flood insurance to protect their properties;

WHEREAS The cost of property repairs after a flood cause financial hardship for individuals, families and businesses.

NOW THEREFORE IT BE RESOLVED That the government of Ontario be urged to create a Provincial Flood Insurance Program, to cover those individuals, families and businesses who are unable to secure flood insurance for their properties;

BE IT FURTHER RESOLVED That a copy of this motion be sent to the Honourable Kathleen Wynne, Premier of Ontario, the Honourable Patrick Brown, Leader of the Progressive Conservative party, the Honourable Andrea Horwath, Leader of the New Democratic Party, and all MPPs in the Province of Ontario; and

BE IT FURTHER RESOLVED THAT a copy of this motion be send to the Association of Municipalities of Ontario (AMO) and all Ontario municipalities for their consideration.

MAYOR *[Signature]*

Resolution Results	Recorded Vote (Signatures Required)		
<input checked="" type="checkbox"/> CARRIED	MAYOR AND COUNCIL	YES	NO
<input type="checkbox"/> DEFEATED	John Taddeo		
<input type="checkbox"/> TABLED	Shaun Defeo		
<input type="checkbox"/> RECORDED VOTE	Alan Graver		
<input type="checkbox"/> PECUNIARY INTEREST DECLARED	Lee Kennard		
<input type="checkbox"/> WITHDRAWN	Chicki Pesola		

C.S. - LEGISLATIVE SERVICES

Original To: CIP
Copy To:
C.C. S.C.C. File
Take Appr. Action

From: JUS-G-MAG-Webmaster [mailto:JUS.G.MAG.Webmaster@ontario.ca]
Sent: November-16-17 5:38 PM
To: JUS-G-MAG-Webmaster
Subject: Letter from the Attorney General - MC-2017-9129

Our Reference #: MC-2017-9129

As a follow-up to the ministry's letter to municipal partner CAOs dated August 2, 2017, I am pleased to let you know that the Stronger, Fairer Ontario Act (Budget Measures), 2017, was introduced in the Legislature on November 14, 2017.

As part of this bill, proposed legislative amendments to the Provincial Offences Act would:

1. Streamline and simplify processes;
2. Enable expanded online service delivery;
3. Enable the transfer of responsibility for a broader range of provincial offences prosecutions to municipal partners; and
4. Further strengthen municipal fine enforcement tools.

For more information on the proposed amendments please go [here](#).

I believe that, if passed, these changes would make the process for resolving provincial offences simpler, more accessible and more convenient for Ontarians.

Thank you for your interest in this important initiative over the past few years and for your continued support and co-operation as we move forward.

Sincerely,

Yasir Naqvi
Attorney General

Attorney General
McMurtry-Scott Building
720 Bay Street
11th Floor
Toronto ON M7A 2S9
Tel: 416-326-4000
Fax: 416-326-4016

Procureur général
Édifice McMurtry-Scott
720, rue Bay
11^e étage
Toronto ON M7A 2S9
Tél.: 416-326-4000
Télééc.: 416-326-4016



Our Reference #: MC-2017-9129

November 16, 2017

Dear Head of Council:

As a follow-up to the ministry's letter to municipal partner CAOs dated August 2, 2017, I am pleased to let you know that the Stronger, Fairer Ontario Act (Budget Measures), 2017, was introduced in the Legislature on November 14, 2017.

As part of this bill, proposed legislative amendments to the *Provincial Offences Act* would:

1. Streamline and simplify processes;
2. Enable expanded online service delivery;
3. Enable the transfer of responsibility for a broader range of provincial offences prosecutions to municipal partners; and
4. Further strengthen municipal fine enforcement tools.

For more information on the proposed amendments please go to:

http://www.ontla.on.ca/web/bills/bills_detail.do?locale=en&Intranet=&BillID=5316

I believe that, if passed, these changes would make the process for resolving provincial offences simpler, more accessible and more convenient for Ontarians.

Thank you for your interest in this important initiative over the past few years and for your continued support and co-operation as we move forward.

Sincerely,

A handwritten signature in black ink, appearing to read 'Yasir Naqvi'.

Yasir Naqvi
Attorney General

c: Chief Administrative Officer



Canada Border Services Agency Agence des services frontaliers du Canada

Commercial Operations District District des opérations commerciales
2720 Britannia Road East 2720, chemin Britannia est
Mississauga, Ontario Mississauga, Ontario
L5P 1A2 L5P 1A2

REGION OF DURHAM

NOV 21 2017

REGIONAL CHAIR & CEO

November 14, 2017

Dear Mr. Anderson:

Subsequent to the letter you received from Ms. Laurelle Doxey, Director of Outports and Postal Operations District with the Canada Border Services Agency (CBSA), dated September 12, 2017, I would like to provide you with updated information regarding the CBSA's services at the Oshawa Executive Airport.

The Oshawa Executive Airport, located at 1200 Airport Boulevard, remains open and continues to maintain its Airport of Entry designation. This means that international flights will continue to arrive at this airport. Effective November 20, 2017, CBSA will be changing how it provides service to its Oshawa and Durham Region clients. Services that are currently provided by CBSA staff located at the Oshawa Executive Airport will now be provided via the Commercial Operations District located at the Toronto Pearson International Airport (TPIA). Please note that this change in service delivery does not require you to attend the TPIA office to receive the majority of CBSA services. It simply means that the processing of commercial and personal entries in Oshawa – the majority of which are already done electronically – will now be processed by the TPIA office.

This change will result in expanded hours for commercial services - moving from the current 8:30 a.m. to 4:30 p.m. weekday service, to services provided 24 hours a day, seven days a week.

Enclosed you will find an information document for clients of the Oshawa office. The document outlines the procedures for clearance of commercial and personal effects, as well as other CBSA services. The enclosed document also contains contact information for the commercial office at the TPIA, should you require additional information.

For further information or for assistance on the CBSA release process, I encourage you to contact the number noted on the enclosed information document.

Yours sincerely,

Aiesha Zafar
Director, Commercial Operations District
Greater Toronto Area Region

cc.: Laurelle Doxey
Director, Outports and Postal Operations District, Greater Toronto Area Region

Canada



Information for Clients of the Oshawa CBSA Office

For general inquiries about the CBSA's clearance process, please contact the CBSA office located at 2720 Britannia Road East, Mississauga by telephone at (905) 405-3899.

Clearance of Commercial Goods and Personal Effects:

- Importers and brokers will forward copies of their customs documents to the CBSA office at the above address via facsimile at (905) 612-6292. The office is open 24 hours a day, 7 days a week.
- Please use a lead sheet with the following information when submitting your customs documents: number of pages, type of entry (personal or commercial), commercial transaction number, cargo control number and client name and full contact information.
- The CBSA will review the customs documents and send notice of release to warehouse operators and clients using the contact information provided on the fax lead sheet.

Payment of Duties and Taxes:

- Payment of duties and taxes may be made using the following payment methods:
 1. Electronic payment options such as online banking (importers) and Electronic Data Interchange (EDI) for brokers. A copy of the payment confirmation page must be provided. Please contact the CBSA office above for additional details.
 2. Credit card payment by phone, to a maximum of \$5,000CAD per transaction for commercial clients. There is no maximum for personal importations.

Re-Manifests and Diversions:

- Please fax copies of the original and new manifests (A8A) to the above fax number. The documents will be stamped and returned via the fax number provided by the client/warehouse operator. Please provide a lead sheet with your contact information and fax number.
- For diversions, please contact the CBSA office through the contact information provided above.

Export Declarations:

- Clients who require a CBSA time and date stamp on an Export Declaration, form B13, will be required to attend a CBSA designated Export Office. The CBSA office located at 2720 Britannia Road East, Mississauga is a designated Export Office. A list of CBSA offices and their designations may also be found on the CBSA website at: <http://www.cbsa-asfc.gc.ca/do-rb/menu-eng.html>.

- Clients may alternatively register with the Canadian Automated Export Declaration (CAED) program at the following website: <https://www.statcan.gc.ca/eng/exp/index>.
- Exports may also be declared through the Electronic Data Interchange (EDI) system.

Vehicle Importations:

- Vehicles requiring a Form 1, Registrar of Imported Vehicles (RIV) document are required to attend a CBSA office. RIVs will be stamped at the CBSA office located at 2720 Britannia Road East, Mississauga. The office is open 24 hours a day, 7 days a week.

Destructions:

- Clients may contact the CBSA at (905) 676-4601, Monday to Friday, between the hours of 8:00 a.m. and 4:00 p.m., to make arrangements for Border Services Officers to verify destructions.

Air Clearances:

- To report the arrival of CANPASS flights or request clearance for general aviation, please contact the CBSA Telephone Reporting Centre at 1-888-226-7277 at least two hours, but no more than 48 hours, before arriving in Canada. This toll-free line is only available in Canada and the United States. If a flight originates outside Canada or the United States, the pilot must call the TRC directly at (905) 679-2073 (long-distance charges may apply).
- Clearance for CANPASS flights or general aviation is available from 0830 to 2400 hrs, 7 days a week. For further information, please call the CBSA Telephone Reporting Centre.

Marine Clearances:

- To report the arrival of marine pleasure vessels please contact the CBSA Telephone Reporting Centre at 1-888-226-7277 at least two hours, but no more than 48 hours, before arriving in Canada. This toll-free line is only available in Canada and the United States. If a flight originates outside Canada or the United States, the pilot must call the TRC directly at (905) 679-2073 (long-distance charges may apply).
- All other inquiries regarding Marine clearances and verifications, please contact the CBSA at Billy Bishop Toronto City Airport at 416-973-2606.

Afreen Raza

From: Water, Drinking (MOECC) <Drinking.Water@ontario.ca>
Sent: November-21-17 3:36 PM
To: Clerks
Subject: Minister's Annual Report on Drinking Water 2017 / Rapport annuel 2017 du ministre sur l'eau potable

Today, the Ministry of the Environment and Climate Change released the Minister's Annual Report on Drinking Water 2017. This report is available online at ontario.ca/drinkingwater.

It showcases how Ontario is taking action to protect drinking water and water resources.

Supporting data on Drinking Water Quality and Enforcement is available on the Open Data Catalogue.

Le ministère de l'Environnement et de l'Action en matière de changement climatique a publié aujourd'hui le Rapport annuel du ministre sur l'eau potable de 2017. Vous le trouverez en ligne au <https://www.ontario.ca/fr/page/eau-potable>.

Ce rapport décrit les mesures que prend l'Ontario pour protéger ses sources d'eau potable et ses ressources en eau.

Les données sous-jacentes sur la Qualité de l'eau potable et l'application des règlements sont accessibles dans le Catalogue de données publiques.

C.S. - LEGISLATIVE SERVICES

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Take Appr. Action



Minister's Annual Report on Drinking Water 2017

Read an overview of our programs, policies and initiatives to protect drinking water in Ontario, including protecting water and the Great Lakes, helping improve drinking water for Indigenous communities and safeguarding Ontario's drinking water.

Minister's message

As your newly appointed Minister of the Environment and Climate Change, I am pleased to share my first and the ministry's 11th annual report on Ontario's drinking water.

We are working with Indigenous communities, federal and municipal governments and local communities across Ontario, to help protect drinking water at its source in lakes and streams all the way to our taps.

From Ontario's strict health-based drinking water standards to comprehensive legislation that protects water sources, we provide a safety net that helps ensure the quality and safety of our drinking water. The numbers support it too — 99.8% of more than 517,000 test results from municipal residential drinking water systems meet Ontario's strict drinking water quality standards.

A significant achievement, but we know there is more work to be done.

Climate change is warming our lakes and contributing to more blue-green algal blooms across the province. Communities are experiencing more frequent and severe weather events leading to overflows of sewage systems into lakes and rivers. And as of September 30, 2017, 22 of the 133 First Nation communities have long-term drinking water advisories in place.

We are taking action on climate change to help manage the effects it is having on our water resources while ensuring people in Ontario continue to have access to clean and safe drinking water now and in the future.

Last December, Ontario placed a two-year moratorium on all new and expanded groundwater takings for water bottling. This year, we introduced stricter rules for bottled water permit renewals and implemented an additional fee for water bottlers for every million litres of groundwater taken.

In March 2017, Ontario and Canada posted the draft Lake Erie action plan for public comment — an important step towards achieving a 40% reduction in phosphorus levels by 2025 to protect the lake from harmful blue-green algal blooms. We are working with key sectors and communities to finalize actions, based on comments received, in order to have the final action plan in place by February 2018.

Ontario is working with First Nations and the federal government to help improve drinking water on reserves. The Ministry of the Environment and Climate Change provides support for First Nation communities, tribal councils and political territorial organizations to access provincial in-kind technical resources and expertise. Ontario has committed \$1.85 million for the delivery of training programs, in collaboration with Indigenous organizations, to support First Nation drinking water system operators, management and community leaders.

We are working with municipalities, government ministries and agencies, conservation authorities, businesses and others on implementing source protection plans, which help safeguard the sources of nearly 450 municipal drinking water systems in a geographic area that covers 95% of Ontario's population.

Access to clean and safe drinking water is important for every Ontarian and a priority for our government. In July 2017, we strengthened protection for children from lead in drinking water in schools and child care centres by updating requirements for sampling, flushing and corrective action. This ensures that every fountain or tap serving drinking water or for the preparation of food will be sampled for lead and protected.

I look forward to working with our partners over the year ahead to fight climate change and protect and improve the health of all water sources.

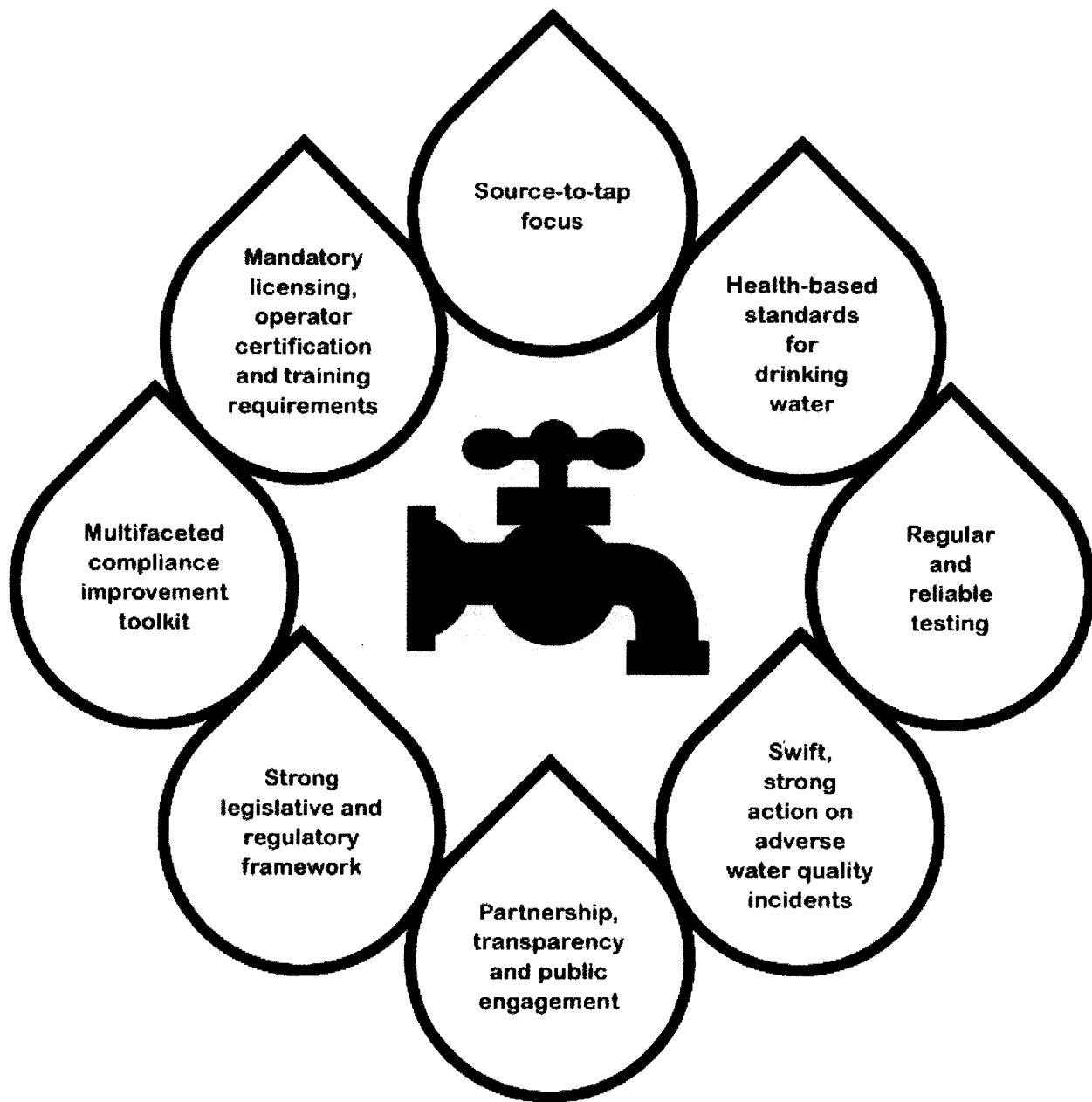
Sincerely,

The Honourable Chris Ballard
Minister of the Environment and Climate Change
Government of Ontario

Ontario's drinking water safety net

Ontario's drinking water remains among the best protected in the world. From our health-based drinking water standards to comprehensive legislation that protects water from source to tap, we provide a safety net that helps ensure Ontarians can be confident in the quality and safety of their drinking water.

Figure 1: Ontario's drinking water safety net



Protecting water and the Great Lakes

Protecting groundwater

As impacts from climate change and population growth become more prevalent, Ontario is protecting water and building a better understanding of the science to further that protection.

As part of the province's plan to strengthen groundwater protection (<https://www.ontario.ca/page/new-rules-protect-water-ontario>) for future generations, Ontario:

- Placed a two-year moratorium on all new and expanded permits to take water from groundwater sources for water bottling. This moratorium will be in place until January 1, 2019.
- Introduced stricter rules (<https://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTMxMDM2&statusId=MjAxMDE0&language=en>) for renewals of existing water taking permits for bottled water in April 2017. The new rules will increase public reporting and transparency related to these water takings and enhance scientific requirements for making decisions on renewal applications.
- Began charging water bottling companies \$500 for every million litres of groundwater taken on August 1, 2017, in addition to the \$3.71 they already pay. The new fee will help recover costs to manage this vital resource, including supporting scientific research on the environmental impacts associated with taking groundwater for water bottling and enhanced data analysis.
- Engaged Indigenous communities, industry and other communities on changes to water quality management practices.

In addition, water budgets that take into account climate change and growth are being used when permits to take water are reviewed. Water budgets are science-based tools that evaluate the sustainability of a municipal drinking water source. Where a source of drinking water is at risk, a water budget is used to identify activities that may be contributing to the risk. These risks can then be managed.

Source water protection

Protecting our local drinking water sources — both groundwater and surface water — is the first step in Ontario's comprehensive multi-barrier approach to providing safe drinking water to Ontarians.

Across the province, municipalities, ministries and others are implementing source protection plans. Together, these plans are helping protect the sources of nearly 450 municipal drinking water systems in a geographic area that covers 95% of Ontario's population.

Progress towards implementing source protection plans

Source protection plans contain a series of locally developed policies that reduce the risks to existing and future sources of municipal drinking water. Municipalities, Ontario ministries and agencies, conservation authorities, the farming community and others such as federal agencies, public health units and businesses are responsible for implementing these policies and reporting yearly on their progress.

This year, three source protection authorities — Lakehead, Mattagami and Niagara — provided annual progress reports. In all cases, progress was made on addressing significant risks to local sources of drinking water. For example:

- Lakehead reported the Municipality of Oliver Paipoonge prepared a salt management plan to ensure no salt is applied and no salt or snow is stored in a vulnerable area.

- Mattagami reported Porcupine Health Unit inspected three on-site sewage systems in accordance with the Ontario Building Code and found all systems to be functioning as designed.
- Niagara reported Niagara Region, City of Thorold, City of Niagara Falls and City of Port Colborne have integrated source protection requirements into municipal land use planning and building permits.

Municipalities are also making progress toward source protection plan implementation by updating land use maps to show the locations of vulnerable drinking water areas and to provide more information about source protection to the public and those that have to take action to address potential threats to drinking water.

Ontario also extended grant funding agreements to March 31, 2018, to allow municipalities to continue to use funds from the Source Protection Municipal Implementation Fund towards source protection plan implementation. Since 2013, this fund provided more than \$14 million to nearly 200 small, rural municipalities to implement source protection policies that address significant threats to their drinking water sources.

To learn more about local source protection plans or progress reports for your area, visit [Conservation Ontario \(http://conservationontario.ca/what-we-do/source-water-protection\)](http://conservationontario.ca/what-we-do/source-water-protection).

Continuous improvement of source protection

In spring 2017, Ontario amended technical rules used to develop science-based assessment reports that form part of the source protection plans. These amendments provide source protection authorities with flexibility to consider local conditions. For example, authorities are now able to identify drinking water systems in large water bodies, such as the Great Lakes and connecting channels, as more vulnerable to contamination. In March, Ontario also made improvements to its [Source Water Protection Information Atlas](https://www.gisapplication.lrc.gov.on.ca/SourceWaterProtection/Index.html?site=SourceWaterProtection&viewer=SWPViewer&locale=en-US) (<https://www.gisapplication.lrc.gov.on.ca/SourceWaterProtection/Index.html?site=SourceWaterProtection&viewer=SWPViewer&locale=en-US>) on Ontario.ca. This map provides a provincewide view of more than 970 wellhead protection areas and 150 intake protection zones. It was updated to include parcel property boundaries, improved access to source protection policies and enhanced functionality, such as improved search and help functions. It is useful to anyone involved in land purchases or planners who have responsibilities to protect municipal drinking water sources.

At the provincial level, government ministries that issue approvals that could affect drinking water sources use the atlas to screen new and existing approvals for potential source water protection implications.

Protecting and restoring the Great Lakes

Ontario continues to engage Ontarians in the protection and restoration of the Great Lakes.

Great Lakes Guardians' Council

The [Great Lakes Guardians' Council](https://www.ontario.ca/page/great-lakes-guardians-council) (<https://www.ontario.ca/page/great-lakes-guardians-council>), established under the *Great Lakes Protection Act* and co-chaired by Grand Council Chief Patrick Madahbee and the Minister of the Environment and Climate Change, provides a forum for Great

Lakes ministers, First Nation and Métis representatives, partners and stakeholders to identify and discuss priorities for protecting and restoring the Great Lakes.

At the third council meeting held in May 2017, participants discussed potential actions related to Lake Erie that key communities and sectors are considering. Participants also discussed the importance of youth engagement in Great Lakes protection and restoration efforts and this year's Mother Earth Water Walk and the great work of Elder and Grandmother Josephine Mandamin.

Great Lakes student conferences

Since 2014, the ministries of Education and Environment and Climate Change have brought together school boards, conservation authorities and other partners to host Great Lakes student conferences. These conferences have provided secondary school students the opportunity to learn from professionals whose careers relate to the Great Lakes, including those involved in source water protection, drinking water and waste water operations.

In 2017, approximately 800 students and their teachers travelled to their respective Great Lakes' shorelines to participate in these day-long events, hearing from speakers and taking part in experiential learning opportunities that built their understanding of how upstream activities on the land have downstream impacts on water quality. Since the inception of the program, 2,400 students have taken part.

Great Lakes Guardian Community Fund

Communities continue to take local actions to help protect and improve the health of the Great Lakes, supported by the [Great Lakes Guardian Community Fund](https://www.ontario.ca/page/great-lakes-guardian-community-fund). (<https://www.ontario.ca/page/great-lakes-guardian-community-fund>)

Since 2012, the Great Lakes Guardian Community Fund has provided \$7.5 million to 375 projects. Achievements include planting more than 285,000 trees and shrubs and the release of more than 800,000 native fish. Besides benefitting the Great Lakes, many of the projects have increased buffers along streams to reduce stormwater and nutrient loading, while engaging communities and youth in citizen science activities.

Some of the [projects that received funding](https://www.ontario.ca/data/great-lakes-guardian-community-fund-recipients) (<https://www.ontario.ca/data/great-lakes-guardian-community-fund-recipients>) include:

- Love your Lake! Lake Ontario Litter Cleanup by A Greener Future: local residents joined in large-scale cleanups of Lake Ontario's shoreline and were educated about the impacts of litter. The results of each cleanup were shared on social media. The project was successful in continuing the cleanup, with litter cleanup events planned to take place in 100 locations.
- Ojibway Park Shoreline Restoration and Wetland Preservation by Garden River First Nation: based along the St. Mary's River, this project protected shoreline and wetland habitats by examining invasive species, as well as species at risk, mapping shoreline and wetlands environments, constructing a new field station, installing interpretive signage, and creating a Guardian Program to teach participants about the natural environment.
- European Water Chestnut Removal in the Rideau River by Scouts Canada: this project targeted the removal of invasive water chestnut plants from the Rideau River while providing an

opportunity for youth from the 23rd Nepean Geohunters Scout Troop to plan, organize, implement and review an environmental project in their community.

Ontario has committed to provide \$1.5 million in funding to 70 projects in 2017 led by not-for-profit organizations, schools, Indigenous communities and other local groups.

Ontario Community Environment Fund

Ontario collects environmental penalties when specific regulated industrial facilities spill or have unlawful discharges to water or land. These monetary penalties are reinvested through the Ontario Community Environment Fund (<https://www.ontario.ca/page/ontario-community-environment-fund>) to support local environmental improvement projects in the same watersheds where the violations occurred.

Not-for-profit organizations, Indigenous communities, schools, municipalities and conservation authorities can apply for grants through the fund to support community-based environmental remediation projects, capacity building to prevent or manage spills and environmental research, education and outreach activities.

In 2016, 20 projects (<https://news.ontario.ca/ene/en/2017/04/ontario-community-environment-fund-2016-grant-recipients.html>) in 13 watersheds were awarded a total of \$314,000. Their actions protect local watersheds, help fight climate change and protect the Great Lakes.

Since 2016, Ontario Community Environment Fund grant recipients have included:

- Water First Education and Training Inc., which received grants to help improve drinking water in 9 Ontario First Nation communities by involving local youth in water-science workshops, tree planting and stream restoration activities in the Central Abitibi, Goulais, Little Pic, Montreal, Spanish, Sydenham Upper Groundhog and Whitefish watersheds.
- The Rural Lambton Stewardship Network, which received grants for two projects to divert 500 acres of agricultural runoff from flowing into the St. Clair River. Combined, the 2 projects resulted in the creation of 5 acres of wetland, the planting of 10 acres of tallgrass prairie, 3.5 acres of trees and shrubs and 2,250 native wetland plants.

Protecting Ontario's drinking water sources from blue-green algal blooms

As reported last year, the presence of harmful algal blooms in Ontario's waterways is an emerging issue and one Ontario continues to take action on to protect this precious resource.

Blue-green algae, or cyanobacteria, occur naturally in lakes and rivers, forming blooms that can appear as surface scum and, in some cases, produce toxins. Human activities that add more nutrients — such as the use of fertilizer near shorelines or not properly maintaining septic systems — along with our warming climate can make the problem worse.

The number of blue-green algal blooms reported each year in Ontario can vary. As of August 15, 2017, there were 16 confirmed blue-green algal blooms reported for 2017. In 2016, the ministry confirmed 51 blooms.

Ontario is committed to protecting its water bodies from blue-green algae. Our [12-Point Action Plan \(https://www.ontario.ca/page/blue-green-algae\)](https://www.ontario.ca/page/blue-green-algae) outlines how Ontario works with municipalities, local medical officers of health and other partners to prevent and respond to blue-green algal blooms in the Great Lakes and other lakes and rivers that impact drinking water.

Municipalities proactively monitor their sources of water to better detect the potential for harmful algal blooms. Scientists have identified approximately 100 variants of algal microcystins. Studies indicate that microcystin-LR is the most toxic variant examined. Microcystin-LR has never been detected in treated Ontario drinking water. Municipal drinking water systems use rigorous and proactive monitoring plans to ensure early detection of potentially harmful algal blooms. The drinking water systems have the necessary technology to ensure the effective removal of algal toxins and they regularly test treated drinking water to ensure that it is safe for distribution to the community.

Canada-Ontario Draft Action Plan for Lake Erie

Of all of the Great Lakes, Lake Erie is the most susceptible to algal blooms — the harmful kind, like blue-green algae, and the nuisance kind — which can cause drinking water to taste and smell foul and clog drinking water intakes.

There is scientific consensus between Canada and the United States that phosphorus is the primary nutrient that needs to be reduced to address algae problems in Lake Erie.

With the assistance of many partners, Ontario and Canada have developed a draft action plan for Lake Erie to reduce algal blooms and phosphorus loads in the lake.

This draft action plan was posted for review and comment on the Environmental Registry on March 10, 2017, and includes 76 Canada-Ontario-led proposed actions grouped broadly into 5 categories:

- Reduce phosphorous at its source
- Ensure effective policies, programs and legislation
- Improve knowledge
- Educate and build awareness
- Strengthen leadership and coordination

The draft action plan was consulted on broadly with the Great Lakes community, including First Nation and Métis communities, key sectors, including municipal and agricultural, and the public. It is currently being refined based on feedback. A final plan is expected to be released no later than February 2018.

In addition, in 2016, Ontario posted its early actions on Lake Erie, and established a target under the *Great Lakes Protection Act* for a 40% phosphorus load reduction by 2025 (from 2008 levels) for the western and central basins of Lake Erie, as well as an aspirational interim goal of 20% reduction by 2020 to address algal blooms.

The final Lake Erie action plan is expected to be in place by February 2018.

Learn more about the [Canada-Ontario Draft Action Plan for Lake Erie \(https://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTMxOTM3&statusId=MjAwMjQ2\)](https://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTMxOTM3&statusId=MjAwMjQ2).

Other actions to combat blue-green algae

Ontario is increasing its understanding of blue-green algae through a number of other activities, including:

- A multi-watershed nutrient study to assess the interaction between agricultural land use and phosphorus loading in the Great Lakes basin. This multi-year study, expected to be completed in 2020, will assess the scope of change in agricultural phosphorus loadings and make recommendations on reduction and management options for the Great Lakes.
- A study to assess the water quality of Lake St. Clair and how discharges from the Thames River are contributing to the extent, occurrence and magnitude of wide-spread algal blooms.
- A monitoring buoy that was deployed in 2016 on Three Mile Lake in the Muskoka area to collect data will be used to investigate how different factors contribute to the onset, timing, duration and composition of algal blooms in the lake. Monitoring will continue over the next few years.

Reducing municipal wastewater discharges

With climate change, communities across the province are experiencing more frequent and severe weather events. When these events happen, rain water can enter the sewage collection system, causing bypasses and overflows of raw or partially treated sewage into lakes and rivers. Ontario is working with its municipal partners to monitor and take action to reduce such incidents.

When a bypass or overflow happens, municipalities are required to notify both the Ministry of the Environment and Climate Change and the local Medical Officer of Health.

Kingston and Toronto are also reporting bypasses and overflows to the public. Kingston Utilities has a [map \(https://utilitieskingston.com/Wastewater/SewerOverflow/Map\)](https://utilitieskingston.com/Wastewater/SewerOverflow/Map) that allows its residents to see, in real time, where there has been a sewage bypass or overflow. The City of Toronto is piloting using its [@311Toronto \(https://twitter.com/311Toronto\)](https://twitter.com/311Toronto) Twitter account to notify its residents when a wastewater plant bypass starts and stops. With this information, residents can make informed decisions about whether to use a waterway or not.

The ministry is committed to transparency and believes Ontarians should be made aware of potential impacts to water quality following storms. It is working with municipalities to improve timely reporting of information on sewage bypasses and overflows.

Progress on protecting Lake Simcoe

The *Lake Simcoe Protection Act* (<https://www.ontario.ca/laws/statute/08123>) and the *Lake Simcoe Protection Plan* (<https://www.ontario.ca/page/lake-simcoe-protection-plan>) provide a framework for Ontario and its partners to work together to improve and protect the health of the Lake Simcoe watershed.

On July 27, 2017, the *2016 Minister's Annual Report on Lake Simcoe* (<https://www.ontario.ca/page/ministers-annual-report-lake-simcoe-2016>) was released. This report highlights actions taken over the past year, including:

- The completion of all sub-watershed plans and water budget studies that guide protection of water quality and quantity in key areas of the Lake Simcoe watershed.
- Efforts to reduce the amount of salt going into Lake Simcoe, including mapping areas vulnerable to salt, ongoing monitoring of salt levels, training for salt applicators and better designed parking lots that reduce the amount of salt needed.

Helping improve drinking water for Indigenous communities

While the federal government is responsible for the provision of safe drinking water on reserves, the province is committed to working with Indigenous communities and the federal government to help ensure First Nation reserves have sustainable access to safe drinking water, with a focus on communities experiencing drinking water advisories for more than 1 year.

The province sits on a trilateral steering committee made up of representatives from Chiefs of Ontario, political territorial organizations, the Ontario First Nations Technical Services Corporation, Indigenous and Northern Affairs Canada^[1] and Health Canada. This committee was established in September 2016 and is implementing a plan to eliminate long-term drinking water advisories at public federally funded systems in First Nation communities within 5 years — by end of March 2021. In November 2015, there were 48 long-term drinking water advisories affecting 26 First Nation communities. Since the work of the trilateral steering committee began, 7 long-term drinking water advisories in 6 communities have been lifted, and another 2 advisories in 2 communities have been added to the list, leaving 43 long-term drinking water advisories in place in 22 communities as of September 30, 2017.

Ontario has a single window for First Nation communities, tribal councils and political territorial organizations to access the technical resources and expertise available within the Ministry of the Environment and Climate Change, upon request.

Ontario has also committed \$1.85 million for the delivery of training programs to support First Nation drinking water system operators, management and community leaders. An agreement to deliver operator training and certification was signed in May 2017 among the Ontario First Nations Technical Services Corporation, the Keewatinook Centre of Excellence, located in Dryden, and the Walkerton Clean Water Centre. The training programs are scheduled to start in fall 2017 with a focus on communities with long-term drinking water advisories.

The province and Indigenous and Northern Affairs Canada have also entered into an agreement with Ontario First Nations Technical Services Corporation to develop toolkits and training resources to support source water and watershed protection initiatives in First Nation communities. The Institute of Watershed Science, located at Trent University in Peterborough, has been retained to develop these materials. Ontario and Indigenous and Northern Affairs Canada have each committed \$100,000 towards this multi-year initiative.

In addition to the work of this ministry, the Ministry of Infrastructure, in partnership with Infrastructure Canada, administers the Clean Water and Wastewater Fund to municipalities and First Nations in Ontario. As announced on October 10, 2017, approximately \$2.7 million in provincial funding has been committed to 144 drinking water projects in 91 First Nation communities (including 14 communities with long-term drinking water advisories).

Safeguarding Ontario's drinking water

Enhancing protection of children from lead in drinking water

Ontario has the most stringent testing regime in the entire country and is the only province that requires lead testing in drinking water from all schools and child care centres. It has continued its leadership on protecting children from lead in drinking water by proactively updating its rules for schools and child care centres. As of July 1, 2017, schools and child care centres in Ontario are required to test all fountains and drinking water taps in their facilities by prescribed timelines. As well, if a sample result exceeds the standard, immediate action would need to be taken until the issue is resolved. These strengthened lead testing requirements will ensure every water tap serving drinking water to children in schools and child care centres is sampled for lead.

Since 2007, Ontario has required schools and child care centres to address potential sources of lead in drinking water by sampling at least one tap in their facility for lead annually and to flush out their plumbing on a regular basis, either daily or weekly depending on risk factors.

The provincial test results of drinking water samples taken after flushing from schools and child care centres have been encouraging. In 2016-17, 98% of flushed samples from schools and child care centres had lead levels below the Ontario Drinking Water Quality Standard. These results show an improvement over the first year of sampling in 2007-08 where 94% of school and child care centre flushed samples met the standard.

In addition to these new sampling requirements, amendments were made to recognize the effectiveness of using certified filters for reducing lead in drinking water, introduce minimum corrective actions when lead is found in a sample and provide better direction on flushing of plumbing.

Lead levels above Ontario's standard of 10 micrograms per litre often originate from lead service lines and lead-containing components in plumbing such as pipes, solder, and fixtures — especially in buildings built prior to 1990. In buildings where the plumbing contains lead components and the pH of the water is low, the longer water stands in the plumbing, the more lead will leach into it. When the tap is turned on, the water that has been standing in the pipes may have accumulated lead levels higher than Ontario's standard.

Under Ontario's strong framework to address and follow up on lead exceedances, facility owners must take immediate corrective action if there is a lead exceedance to protect users and take steps as directed by the local Medical Officer of Health.

Key findings from the Chief Drinking Water Inspector's Annual Report 2016-2017

Each year, Ontario's Chief Drinking Water Inspector reports on the performance of Ontario's regulated drinking water systems.

This year, detailed information supporting the [2016-2017 Chief Drinking Water Inspector's report \(https://www.ontario.ca/page/chief-drinking-water-inspector-annual-report-2016-2017\)](https://www.ontario.ca/page/chief-drinking-water-inspector-annual-report-2016-2017), including test results associated with individual drinking water systems and facilities, is available on Ontario's [Open Data Catalogue \(https://www.ontario.ca/data/drinking-water-quality-and-enforcement\)](https://www.ontario.ca/data/drinking-water-quality-and-enforcement). This

expanded drinking water data is expected to be updated throughout each year, with summary results released annually.

Municipal and laboratory results

More than 80% of Ontario residents get their drinking water from a municipal residential drinking water system. Ministry inspectors are responsible for inspecting all of these drinking water systems each year to help ensure they meet the province's legislative and regulatory requirements. Ministry inspectors also inspect all laboratories licensed by the province to conduct drinking water testing.

In 2016-17, results showed Ontario municipal residential drinking water systems continue to have excellent results and meet Ontario's comprehensive and stringent regulatory requirements:

- 99.8% of more than 517,000 test results met Ontario's drinking water quality standards.
- 70% of systems received a 100% inspection rating and 99.4% of systems received an inspection rating of greater than 80%.
- All municipal residential drinking water systems were inspected.
- All 52 laboratories were inspected at least twice in 2016-17, with an overall inspection rating for all laboratory inspections of greater than 90%.

Compliance and enforcement activities

Ministry inspectors have the authority to enforce Ontario's drinking water protection laws. When requirements are not met, inspectors may issue contravention and/or preventative measures orders to improve compliance with the law.

In 2016-17:

- Nine contravention and 2 preventative measures orders were issued to 11 non-municipal year-round residential drinking water systems.
- Eight systems serving designated facilities received 7 contravention orders and 1 preventative measures order.
- Three contravention orders were issued to 3 licensed laboratories.

There were 6 cases with convictions involving 5 regulated systems and 1 non-licensed well contractor which, taken together, resulted in fines of \$50,500.

Operator certification and training

An operator of a drinking water system must be trained and certified according to the type and class of system that they operate. Depending on the classification level of the system that they operate, they must complete between 60 and 150 combined hours of continuing education and on-the-job training every 3 years to renew their certificates. An operator can hold multiple certificates allowing them to work in more than 1 type of drinking water system.

As of March 31, 2017, Ontario had 6,835 certified drinking water operators, holding 9,308 certificates. Of these, 168 were employed as system operators in First Nations across the province, holding 248 drinking water operator certificates.

The Walkerton Clean Water Centre (<https://www.wcwc.ca/en/>) provides provincewide training for operators and owners of drinking water systems, with a focus on small and remote drinking water systems, including those serving First Nation communities. In 2016-17, more than 6,500 new and existing professionals were provided with high quality operator training programs on water treatment equipment, technology and operating requirements, as well as environmental issues, including water conservation.

The centre has initiated work to incorporate energy efficiency into its curriculum with the aim of increasing sustainability of drinking water operations.

Updating Ontario's drinking water standards

An important part of Ontario's eight-part drinking water safety net is the reliance on strict health-based drinking water quality standards. With the science of drinking water evolving all the time, it is important that Ontario's drinking water quality standards reflect the best scientific findings and advice available.

In December 2016, Ontario acted on internationally recognized scientific research and expert advice to introduce three new standards (for toluene, ethylbenzene and xylene), make changes to 2 others (for selenium and tetrachloroethylene) and remove 1 redundant standard (for nitrate and nitrite). These changes came into effect July 1, 2017.

The ministry also updated 2 aesthetic objectives for ethylbenzene and xylene and adopted a new aesthetic objective for methyl-t-butyl ether. An aesthetic objective establishes desirable properties for such water characteristics as colour, odour, taste and turbidity.

These amendments allow Ontario to align with national Health Canada guidelines and with recommendations provided by Ontario's Drinking Water Advisory Council.

More information about these amendments is available on the Environmental Registry (<https://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTI5MjUw&statusId=MTk4NTk2&language=en>).

Updated: November 21, 2017

Published: November 21, 2017

Footnotes

- [1] ^ On August 28, 2017, the federal government announced that it will be replacing Indigenous and Northern Affairs Canada with 2 new departments: a Department of Crown-Indigenous Relations and Northern Affairs and a Department of Indigenous Services.



Toronto and Region
Conservation
 for The Living City

November 22, 2017

Sent via email

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At Authority Meeting #8/17, of Toronto and Region Conservation Authority (TRCA), held on October 27, 2017, Resolution #A185/17 in regard to 2016 Lake Ontario Workshops and 2017/2018 Western Lake Ontario Basin-Lake Initiative was approved as follows:

WHEREAS Toronto and Region Conservation Authority (TRCA) and Credit Valley Conservation Authority (CVC), with funding support from Environment and Climate Change Canada and Ontario Ministry of the Environment and Climate Change, held a workshop on September 19-20, 2016 (Developing a Western Lake Ontario Consortium(s), Promoting cooperative thinking, planning and actions for the populated/most at risk areas of Lake Ontario) to gauge interest in western Lake Ontario, discuss the merits of working together to protect this unique part of the Lake and to make the connections between actions on land and the health of western Lake Ontario;

AND WHEREAS Environment and Climate Change Canada has since provided additional funding to further this Basin-Lake Initiative through a number of workshops and engagement activities in 2017 and 2018;

THEREFORE LET IT BE RESOLVED THAT TRCA staff continue to work with CVC, federal, provincial and municipal staff, other local conservation authorities, the academic community, environmental non-governmental organizations, and others to integrate watershed management and Lake health to address the needs of western Lake Ontario;

THAT TRCA staff explore the development of a model for achieving collaborative arrangements necessary for coordination of efforts on the land that could benefit the nearshore of western Lake Ontario;

C.S. - LEGISLATIVE SERVICES *THAT staff from TRCA and CVC present to the Greater Golden Horseshoe Chief Administrative Officers' and General Managers' November 2017 meeting seeking endorsement and guidance on the pursuit of collaborative arrangements;*

Original
To: CIP
Copy
To: R. Anderson
G. Cubitt
B. Bridgeman
J. Clapp

C. Tel: 416.661.6600, 1.888.872.2344 | Fax: 416.661.6898 | info@trca.on.ca | 5 Shoreham Drive, Downsview, ON M3N 1S4

Take Action

Member of Conservation Ontario

www.trca.on.ca

THAT staff from TRCA and CVC align their Basin-Lake Initiative efforts with the proposed amendments to the Conservation Authorities Act, the Growth Plan for the Greater Golden Horseshoe (2017), the Greenbelt Plan (2017), the Oak Ridges Moraine Conservation Plan (2017) and the Niagara Escarpment Plan (2017), which could ultimately benefit the 2018 Lake Ontario Cooperative Science and Monitoring Initiative, Source Water Protection, Toronto Remedial Action Plan, the Lake Ontario Lakewide Action and Management Plan, and efforts from the Lake Partnership Management Committee;

THAT findings from this effort and future Basin-Lake Initiative be integrated into the next generation of watershed plans within the Lake Ontario basin;

THAT staff from TRCA and CVC report back to their boards at the conclusion of the 2017/2018 workshops;

AND FURTHER THAT Environment and Climate Change Canada, Ontario Ministry of the Environment and Climate Change, provincial and federal governments, neighbouring municipalities and conservation authorities to the subject area, the Great Lakes Cities Initiative, and Conservation Ontario be so advised.

Enclosed for your information and any action deemed necessary is the report as approved by the Authority. If you have any questions or require additional information, please contact Gary Bowen at 416-271-8944, gbowen@trca.on.ca.

Sincerely



Kathy Stranks
Senior Manager, Corporate Secretariat
CEO's Office

cc. Gary Bowen, Special Advisor, TRCA
Krista Chomicki, Great Lakes Scientist, Project Manager, TRCA

/Encl.

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Member of Provincial Parliament, Toronto-Centre

RES.#A185/17 - 2016 LAKE ONTARIO WORKSHOP AND 2017/2018 WESTERN LAKE ONTARIO BASIN-LAKE INITIATIVE

To inform the Authority on upcoming efforts to integrate watershed management activities with Lake Ontario Initiatives, and recommend directions to advance these efforts.

Moved by: David Barrow
Seconded by: Ronald Chopowick

WHEREAS Toronto and Region Conservation Authority (TRCA) and Credit Valley Conservation Authority (CVC), with funding support from Environment and Climate Change Canada and Ontario Ministry of the Environment and Climate Change, held a workshop on September 19-20, 2016 (Developing a Western Lake Ontario Consortium(s), Promoting cooperative thinking, planning and actions for the populated/most at risk areas of Lake Ontario) to gauge interest in western Lake Ontario, discuss the merits of working together to protect this unique part of the Lake and to make the connections between actions on land and the health of western Lake Ontario;

AND WHEREAS Environment and Climate Change Canada has since provided additional funding to further this Basin-Lake Initiative through a number of workshops and engagement activities in 2017 and 2018;

THEREFORE LET IT BE RESOLVED THAT TRCA staff continue to work with CVC, federal, provincial and municipal staff, other local conservation authorities, the academic community, environmental non-governmental organizations, and others to integrate watershed management and Lake health to address the needs of western Lake Ontario;

THAT TRCA staff explore the development of a model for achieving collaborative arrangements necessary for coordination of efforts on the land that could benefit the nearshore of western Lake Ontario;

THAT staff from TRCA and CVC present to the Greater Golden Horseshoe Chief Administrative Officers' and General Managers' November 2017 meeting seeking endorsement and guidance on the pursuit of collaborative arrangements;

THAT staff from TRCA and CVC align their Basin-Lake Initiative efforts with the proposed amendments to the *Conservation Authorities Act*, the Growth Plan for the Greater Golden Horseshoe (2017), the Greenbelt Plan (2017), the Oak Ridges Moraine Conservation Plan (2017) and the Niagara Escarpment Plan (2017), which could ultimately benefit the 2018 Lake Ontario Cooperative Science and Monitoring Initiative, Source Water Protection, Toronto Remedial Action Plan, the Lake Ontario Lakewide Action and Management Plan, and efforts from the Lake Partnership Management Committee;

THAT findings from this effort and future Basin-Lake Initiative be integrated into the next generation of watershed plans within the Lake Ontario basin;

THAT staff from TRCA and CVC report back to their boards at the conclusion of the 2017/2018 workshops;

AND FURTHER THAT Environment and Climate Change Canada, Ontario Ministry of the Environment and Climate Change, provincial and federal governments, neighbouring municipalities and conservation authorities to the subject area, the Great Lakes Cities Initiative, and Conservation Ontario be so advised.

CARRIED

BACKGROUND

The western basin of Lake Ontario is the receiving waters for one of the most highly populated regions in Canada. This region of the lake, from Cobourg to Niagara-on-the-Lake, has a long history of water quality and ecosystem health concerns, with pollutant and nutrient loadings from the land significantly impacting the lake. Under the Great Lakes Water Quality Agreement (GLWQA), the governments of Canada and the United States have committed to restore and maintain the physical and biological integrity of the waters of the Great Lakes. The GLWQA formed a Great Lakes Executive Committee which includes Watershed Management Agency representatives from both countries; Conservation Ontario (CO) has a representative at this table and regular reports are provided to CO Council.

The Lake Ontario Lakewide Action and Management Plan (LAMP) is a binational plan for restoring and protecting Lake Ontario's ecosystem. Effective collaboration among various jurisdictions and organizations is a priority of the Lakewide Annex of the Canada-U.S. Great Lakes Water Quality Agreement and the corresponding LAMP. The Conservation Ontario representative on the Annex Committee has encouraged a stronger acknowledgement of the watershed management agency/conservation authority (CA) role in LAMPs. Environment and Climate Change Canada (ECCC) and the Ontario Ministry of the Environment and Climate Change (MOECC) are interested in seeking better relationships with their partners for LAMP implementation, with a goal of supporting community engagement in decision making, and taking action to restore, protect and conserve Lake Ontario.

The 2016 workshop, entitled: "Developing a Western Lake Ontario Consortium(s), Promoting cooperative thinking, planning and actions for the populated/most at risk areas of Lake Ontario" had an overwhelmingly positive response with 90 participants from local and upper tier municipalities, provincial and federal governments, conservation authorities, non-government organizations, and several academics. Interest and momentum for this event was secured through peer-to-peer engagement and promotion.

This workshop served as a forum to discuss collaborative actions that can be implemented to restore, preserve and protect Lake Ontario. The goals of the workshop were to:

- Establish that western Lake Ontario needs to be a focus;
- Demonstrate how local partnerships help binational and provincial efforts to protect and treat the lakes as an entity;
- Determine the specific needs/approaches for western Lake Ontario;
- Identify past and existing cooperative arrangements within western Lake Ontario;
- Examine other approaches for partnerships/consortiums in other lakes (e.g. Healthy Lake Huron, Lake Simcoe);
- Identify steps to determine a successful and appropriate model for coordinating efforts and collaborating along western Lake Ontario;

Three breakout sessions identified a willingness to be a part of a locally led Lake Ontario initiative that has a clearly defined vision. Being part of an initiative will allow collecting of resources and a concentration of efforts on land that can benefit the land, rivers and Lake Ontario. A champion needs to be identified who can help develop an organizational structure and lead this initiative, and play a significant role in bridging the gap between land and lake health.

To further this Basin-Lake Initiative, TRCA and CVC will hold two workshops that will explore the connectivity between watersheds and Lake Ontario. Potential themes will include: documenting current research and efforts amongst organizations that might impact Lake Ontario; exploring creative ways to support management actions to focus on growth, adaptation, implementation and minimizing the effects of growth on the nearshore of the Lake; approaches for integrating science, policy and implementation; and exploring synergies between the Western Lake Ontario Basin-Lake Initiative and other binational efforts aiming to restore Lake Ontario water quality.

RATIONALE

Formal reports from the first workshop were submitted to the provincial and federal governments, in accordance with their deadlines of November 15, and December 31, 2016, respectively. Two workshops are proposed to be held, in autumn 2017 and winter 2018, to further this initiative. Further reporting will be submitted to the government in March 2018.

FINANCIAL DETAILS

Funding for the 2016 workshop was provided by ECCC (\$5,000) and MOECC (\$5,000). New resources (\$40,000) have been provided by ECCC to continue the evolution of this concept in 2017/2018. MOECC will also contribute to the 2017/2018 workshops (\$5,000).

DETAILS OF WORK TO BE DONE

Staff will incorporate feedback from the Authority and from the Greater Golden Horseshoe Chief Administrative Officers' and General Managers' November meeting into comments to include in future reporting to the federal and provincial governments.

Staff will continue to pursue focused engagement from Niagara-on-the-Lake to Cobourg. The first event (fall 2017) will focus on engaging delegates from Niagara-on-the-Lake to Halton, as they were under-represented at the initial 2016 workshop. The second event (winter 2018) will bring together a subset of the Niagara-on-the-Lake to Halton participants from 2017 and a subset of the 90 original workshop participants, predominantly from Mississauga to Cobourg, to discuss next steps and explore collaborative arrangements necessary for coordination of efforts on the land and within the nearshore of western Lake Ontario.

Report prepared by: Krista Chomicki, extension 5857

Emails: kchomicki@trca.on.ca

For Information contact: Gary Bowen, 416-271-8944

Emails: gbowen@trca.on.ca

Date: September 19, 2017

The Regional Municipality of Durham

MINUTES

9-1-1 MANAGEMENT BOARD

October 31, 2017

A regular meeting of the 9-1-1 Management Board was held in Meeting Room 1-E, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby, at 9:31 A.M.

Present: S. Jones, Durham Regional Police (Chair)
B. Chapman, Durham Regional Councillor
J. Clapp, Commissioner of Finance, Durham Region
C. Ibsen, Manager, Oshawa Central Ambulance Communications Centre,
Ministry of Health & Long Term Care – Emergency Health Program
Management & Delivery Branch

Absent: T. Cheseboro, Region of Durham Paramedic Services
G. Weir, Clarington Emergency & Fire Services

Staff

Present: J. Bickle-Hearn, Sergeant, Communications, Durham Regional Police
J. Moir, Assistant Director/Deputy Chief, Region of Durham Paramedic Services
T. Fraser, Legislative Services Division – Corporate Services Department

1. Approval of Minutes

Moved by B. Chapman, Seconded by C. Ibsen,
(1) That the minutes of the 9-1-1 Management Board meetings held on
June 27 and July 20, 2017 be adopted.
CARRIED

2. 9-1-1 Call Statistics

J. Bickle-Hearn provided the 2017 statistics on calls transferred, the Recorded Announcement Report, and twitter statistics for August and September 2017, as handouts. S. Jones advised that the percentage of cellular calls received has been added to the bottom of the twitter statistics.

Discussion ensued regarding the September twitter statistics and the 2017 statistics on calls transferred. It was noted that the September twitter statistics provided as a handout was not the final version. It was also noted that there appears to be a formula error in the 2017 statistics on calls transferred. S. Jones agreed to review and provide an electronic copy of the September twitter statistics and revised 2017 statistics on calls transferred, to members of the Committee.

3. Next-Generation 9-1-1 (NG9-1-1) Pilot Testing in Durham Region

S. Jones advised that testing locations for next-generation 9-1-1 (NG9-1-1) are currently being considered and Durham Region is one of the Primary Public Safety Answering Points (P.P.S.A.P.) looking to be a part of the testing. He explained that this would include testing text messaging to 9-1-1 and possibly testing streaming of video/pictures to 9-1-1.

4. Region of Durham E9-1-1 P.E.R.S. Policy and Procedure Manual

J. Bickle-Hearn provided revised pages to the draft E9-1-1 P.E.R.S. Policy and Procedure Manual as a handout. Committee members agreed to review the draft manual and consider approval at the next 9-1-1 Management Board meeting.

5. 9-1-1 Management Board 2018 Budget

J. Clapp provided a copy of the proposed 2018 Budget for the Emergency 9-1-1 Telephone System as a handout. He advised that estimated actual expenses and 2017 performance measures will be updated prior to presentation to Regional Council. He noted that the proposed budget increase is 2.59%.

Discussion ensued with respect to potential financial requirements to implement next-generation 9-1-1 (NG9-1-1).

Moved by J. Clapp, Seconded by B. Chapman,

(2) That the proposed 2018 9-1-1 budget be approved and that the proposed 2018 9-1-1 budget be forwarded to the Regional Finance Department for inclusion in the proposed 2018 Regional Business Plans and Budgets.

CARRIED

6. 2018 Meeting Schedule

The 9-1-1 Management Board members discussed and agreed to the following meeting dates for 2018:

- January 30, 2018
- April 24, 2018
- June 26, 2018
- October 30, 2018

7. Other Departments - Comments/Concerns:

a) Comments/Concerns – Regional Council

B. Chapman inquired about the process used for dispatching fire departments for medical calls.

C. Ibsen and J. Moir explained that there are tiered response agreements which establish criteria for dispatching the fire departments. C. Ibsen also advised that if there is a specific incident a department would like reviewed they can inquire with the Central Ambulance Communications Centre.

b) Comments/Concerns – Durham Police

There were no comments.

c) Comments/Concerns – Fire Departments

There were no comments.

d) Comments/Concerns – Oshawa Central Ambulance Communications Centre

There were no comments.

e) Comments/Concerns – Durham Finance

There were no comments.

f) Comments/Concerns – Region of Durham Paramedic Services

J. Moir provided an update on construction of the Sunderland Paramedic Response Station. He advised that completion is anticipated in early January 2018.

8. Other Business

There was no other business.

9. Date of Next Meeting

The next meeting of the 9-1-1 Management Board will be held on January 30, 2018 at the Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby, Meeting Room 1-E.

10. Adjournment

Moved by B. Chapman, Seconded by J. Clapp,
(3) That the meeting be adjourned.

CARRIED

The meeting adjourned at 10:03 AM

Steve Jones, Chair

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

The Regional Municipality of Durham

MINUTES

DURHAM AGRICULTURAL ADVISORY COMMITTEE

November 7, 2017

A regular meeting of the Durham Agricultural Advisory Committee was held on Tuesday, November 7, 2017 in Boardroom 1-B, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:30 PM

Present: Z. Cohoon, Federation of Agriculture, Chair
I. Bacon, Member at Large
E. Bowman, Clarington attended the meeting at 7:36 PM
B. Howsam, Member at Large
K. Kemp, Scugog
K. Kennedy, Member at Large
G. O'Connor, Regional Councillor
D. Risebrough, Member at Large
H. Schillings, Whitby
B. Smith, Uxbridge
T. Watpool, Brock, Vice-Chair
B. Winter, Ajax

Absent: D. Bath, Member at Large
J. Henderson, Oshawa
F. Puterbough, Member at Large, Vice-Chair
G. Taylor, Pickering

Staff

Present: K. Allore, Senior Planner, Department of Planning and Economic Development
B. Kelly, Manager of Sustainability, Office of the CAO, left the meeting at 8:24 PM
K. Kilbourne, Project Planner, Department of Planning and Economic Development
N. Prasad, Committee Clerk, Corporate Services – Legislative Services

1. Adoption of Minutes

Moved by Councillor O'Connor, Seconded by K. Kemp,
That the minutes of the Durham Agricultural Advisory Committee meeting held on October 3, 2017 be adopted.

CARRIED

2. Declarations of Interest

There were no declarations of interest.

3. Presentation

A) Marilyn Pearce and Brenda Metcalf, 150 Years in Agriculture

M. Pearce and B. Metcalf, provided a verbal presentation with regards to the Durham Farm Connections 150 Years in Agriculture Project.

M. Pearce stated that the 150 Years in Agriculture Project started in October 2016 and was launched with the goal of identifying 60 farm families in Durham that have been farming since 1867 or prior to. She stated that Durham Farm Connections wanted to establish a way to educate the community on the history and significance of the families and advised that the history of the farm families should be noted for their longevity, innovation and perseverance. She stated that the 150 Years in Agriculture Project preserves the history and heritage of the families.

M. Pearce stated that they have identified 135 families who have met the criteria. She advised that nearly every family has a historian and a history of farming, world wars, depression and immigration. She advised that many of the families were honoured at a Celebrate Agriculture Gala held on October 26, 2017.

M. Pearce stated that Durham Region is well positioned to keep the agriculture industry alive and stressed the importance of educating communities.

M. Pearce and B. Metcalf responded to questions of the Committee.

B) Brian Kelly, Manager, Officer of Sustainability, re: Climate Adaptation Plan, Food Security Sector

B. Kelly provided a PowerPoint presentation entitled "Towards Resilience - Durham Community Climate Adaptation Plan 2016".

Highlights of the presentation included:

- Phasing and Schedule
- Process Characteristics
- Status of Plan
- Vision
- 8 Sectors – 18 Programs
 - Cross-Sectoral
 - Buildings Sector
 - Electrical Sector

- Flooding Sector
- Human Health Sector
- Roads Sector
- Natural Environment Sector
- Food Security Sector (placeholder for future development)
- Roles and Responsibilities
- Letters of Referral
- Council Approvals
- What About Agriculture
- Agriculture – Proposed Next Steps

B. Kelly stated that the Durham Community Climate Adaptation Plan was approved in principle by Durham Regional Council on December 14, 2016. He stated that the Plan includes 18 proposed programs that have been referred to agencies across Durham for further development, costing, approval and implementation.

B. Kelly stated that the Task Forces have not been able to address areas of agriculture and food security. He stated that given the importance of agriculture in Durham's economy, the DRRCC has committed to revisit agriculture and convene a Commercial Agriculture Task Force. He requested that the committee consider participation and support of the Commercial Agriculture Task Force. He advised that the Planning and Economic Development Department will be taking the lead on coordinating the Task Force with a target completion date of October 2018.

4. Discussion Items

A) OMAFRA Rural Ontario Leaders Award Program

A copy of the Rural Ontario Leaders Awards Information Notice and the Program and Application Guide 2017 were provided as Attachments #2 and #3 to the Agenda.

K. Kilbourne reminded members of the nomination deadline of November 15, 2017.

B) DAAC Comments: Regional Broadband Strategy, Electronic Survey

K. Kilbourne advised that the deadline to comment on the Regional Broadband Strategy through the electronic comment form is November 17, 2017. She reminded members to forward the survey link to anyone that may be interested in providing input.

C) DAAC Meeting Schedule 2018

A copy of the DAAC Meeting Schedule for 2018 was provided as Attachment #4 to the Agenda. D. Risebrough requested that the calendar schedule and dates be forwarded to members for their Outlook calendars.

D) DAAC Annual Report and Workplan

A copy of the Durham Agricultural Advisory Committee Draft 2018 Workplan was provided as Attachment #5 to the Agenda.

The Committee agreed to the following amendments to the draft Workplan:

- Under Section 1.a. Advice on Policy Development and Implementation:
 - That the following items be deleted:
 - Co-ordinated (Provincial) Review of the Greenbelt Plan, Oak Ridges Moraine Conservation Plan and the Growth Plan for the Greater Golden Horseshoe;
 - Regional Transportation Master Plan Update
 - That the following items be added:
 - Regional Official Plan Update – Municipal Comprehensive Review;
 - Regional Broadband Strategy;
 - Durham Region Tree By-law; and
 - Climate Adaptation Plan – Commercial Agriculture Task Force.
- Under Section 2.a. Communicate/Outreach/Educate:
 - That item f. be amended to read as follows, “Continue to establish a working relationship with the Durham Environmental Advisory Committee and other Regional Committees.”
- Under Section 4. Issues of Interest:
 - That the following items be deleted:
 - Aggregate Resources Act Review;
 - Provincial Policy Statement;
 - That the item after “Farm safety” be amended to read as follows, “Provincial and federal legislation and policy affecting agriculture (e.g. species at risk, provincial land use plans);
 - That the item after “Commercial fill” be amended to read as follows: “Aggregate matters, including aggregate pit rehabilitation”;
 - That the item after “Regional road projects” be amended to read as follows, “Conservation Authority matters”;
 - That the item after “Region’s waste diversion programs” be amended to read as follows, “Highway 407 East construction”;

- That the following new item be added after “Highway 407 East construction”: “Local food strategy”;
 - That the bullet after “Local food strategy” be amended to read as follows, “Agricultural training and employment, through continued work with the Durham Workforce Authority (DWA), Durham College, and University of Ontario Institute of Technology”; and
 - That the bullet before “Land use planning matters” be amended to read as follows, “Activities of the Golden Horseshoe Food and Farming Alliance”; and
- That Section 5 be updated to reflect the 2018 meeting schedule dates.

Discussion ensued with regards to the Workplan and it was the consensus of the Committee to appoint E. Bowman to the Local Food Business Retention and Expansion Project Leadership Team. It was also the consensus of the Committee to appoint K. Kemp and D. Risebrough to the Climate Adaptation Plan Commercial Agriculture Task Force.

Moved by D. Risebrough, Seconded by K. Kemp,

That we recommend to the Committee of the Whole for approval and subsequent recommendation to Regional Council:

That the Durham Agricultural Advisory Committee Draft 2018 Workplan, as amended, be endorsed.

CARRIED

E) DAAC Terms of Reference

A copy of the Durham Agricultural Advisory Committee Terms of Reference was provided as Attachment #6 to the Agenda.

Moved by B. Winter, Seconded by E. Bowman,

That we recommend to the Committee of the Whole for approval and subsequent recommendation to Regional Council:

That the Durham Agricultural Advisory Committee Terms of Reference be endorsed.

CARRIED

F) Joint Workshop with DEAC - Update

Z. Cohoon advised that the subcommittee is working on the agenda for the Joint Workshop. He also advised that they are working on finalizing the invitations; that there may be another subcommittee meeting in January; and that volunteers may be needed for the Joint Workshop.

G) Rural and Agricultural Economic Development Update

K. Kilbourne provided the following update on behalf of N. Rutherford, Manager, Agriculture and Rural Affairs, Department of Planning and Economic Development:

- The Region of Durham is undertaking a Local Food and Business Retention and Expansion Project and is looking for volunteers.
- The Durham Farm Connections Celebrate Agriculture Gala was held on October 26, 2017. Canada Farm Family gate signs and certificates were handed out to the 150 Farm Families.
- The UOIT Management Development Centre is holding the Agricultural Leadership Certificate Program in February 2018. Funding is available to help cover registration costs.

5. Information Items

- A) Recommendation Report #2017-COW-239 Re: Application to Amend the Durham Regional Official Plan, submitted by Lakewinds Farm Limited, to permit the severance of a dwelling rendered surplus as a result of the consolidation of non-abutting farm parcels in the Township of Brock

A copy of Report #2017-COW-239 of the Commissioner of Planning and Economic Development was provided as Attachment #7 to the Agenda.

- B) Recommendation Report #2017-COW-240 Re: Application to Amend the Durham Regional Official Plan, submitted by 1725596 Ontario Limited, to permit the severance of a dwelling rendered surplus as a result of the consolidation of non-abutting farm parcels in the Municipality of Clarington

A copy of Report #2017-COW-240 of the Commissioner of Planning and Economic Development was provided as Attachment #8 to the Agenda.

- C) Correspondence from the Agricultural Advisory Committee of Clarington, regarding the Provincial Agricultural System

A copy of correspondence dated September 29, 2017 from Clarington Agricultural Advisory Committee to the Ministry of Agriculture, Food and Rural Affairs was provided as Attachment #9 to the Agenda.

6. Other Business

- A) New Staff Liaison

K. Allore advised that she will not be returning to the Committee as DAAC's staff liaison as she has accepted another position in the Planning Department. She advised that K. Kilbourne will be replacing her in that capacity.

B) T.H.E.E. Farmers Parade of Lights

E. Bowman advised Committee members that the T.H.E.E. Farmers Parade of Lights will be held on Wednesday, December 6, 2017 at 6 PM.

C) Municipal Sign By-laws and Temporary Signage related to Agricultural Operations

B. Winter raised concerns with regards to municipal Sign By-laws as it relates to temporary signage for seasonal farm products. Discussion ensued with regards to whether there should be exemptions for farmers for signage related to farm operations. K. Kilbourne advised that she will look into the matter and report back to the Committee.

D) Future Presentations at DAAC

K. Kilbourne requested that Committee members advise her of any presentations they would be interested in receiving at future meetings. It was suggested that there be a presentation on Durham Region roads as well as an update on Highway 407 East.

7. Date of Next Meeting

The next regular meeting of the Durham Agricultural Advisory Committee will be held on Tuesday, December 5, 2017 starting at 7:30 PM in Boardroom 1-B, Level 1, 605 Rossland Road East, Whitby.

8. Adjournment

Moved by D. Risebrough, Seconded by K. Kemp,
That the meeting be adjourned.

CARRIED

The meeting adjourned at 9:00 PM

Z. Cohoon, Chair, Durham
Agricultural Advisory Committee

N. Prasad, Committee Clerk

DURHAM NUCLEAR HEALTH COMMITTEE (DNHC) MINUTES

Location Durham Regional Headquarters
605 Rossland Road East, Whitby
Meeting Room LL-C

Date November 17, 2017

Time 1:00 PM

Host Durham Region Health Department (DRHD)

Members

Dr. Robert Kyle, DRHD (Chair)
Mr. Ken Gorman, DRHD
Dr. Tony Waker, University of Ontario Institute of Technology
Mr. Raphael McCalla, Ontario Power Generation (OPG)
Mr. Loc Nguyen, OPG
Mr. Phil Dunn, Ontario Ministry of the Environment and Climate Change
Dr. John Hicks, Public Member
Ms. Janice Dusek, Public Member
Dr. Lubna Nazneen, Public Member
Mr. Marc Landry, Public Member
Mr. Hardev Bains, Public Member
Dr. Barry Neil, Public Member

Presenters/Observers

Mr. Brian Devitt (Secretary)
Ms. Analiese St. Aubin, OPG (Presenter)
Mr. Scott Berry, OPG (Presenter)
Mr. Gord Sullivan, OPG (Presenter)
Mr. Roy Martin, OPG (Presenter)
Mr. Roy Brown, OPG (Presenter)
Ms. Nathalie Riendeau, Canadian Nuclear Safety Commission (CNSC)
(Presenter)
Dr. Alex Viktorov, CNSC (Presenter)
Mr. Paul MacDonald, CNSC
Mr. Mark Galanter, Canadian Nuclear Laboratories/Port Hope Area
Initiative (CNL/PHAI) (Presenter)
Ms. Carin Kelley, CNL/PHAI
Ms. Amy Burke, Municipality of Clarington
Ms. Stacey Leadbetter, Ontario Green Party
Ms. Gail Cockburn, Durham Nuclear Awareness (DNA)
Ms. Janet McNeill, DNA
Ms. Renee Cotton, DNA

Ms. Lynn Jacklin, DNA
Ms. Lydia Skirko, Whitby Resident
Ms. Linda Gasser, Whitby Resident
Ms. Libby Racansky, Clarington Resident
Mr. A.J. Kehoe, Durham Region Resident

Regrets

Ms. Mary-Anne Pietrusiak, DRHD
Ms. Veena Lalman, Public Member
Dr. David Gorman, Public Member

Robert Kyle opened the meeting and welcomed everyone.

1. Approval of Agenda

The Revised Agenda was adopted.

2. Approval of Minutes

The Minutes of September 15, 2017 were adopted as written.

3. Correspondence

- 3.1.** Robert Kyle's office received the Minutes of the Pickering Nuclear Generating Station Community Advisory Council meetings held on June 20 and September 19, 2017.
- 3.2.** Robert Kyle's office issued a news release concerning DRHD's new video to promote availability of potassium iodide (KI) tablets for area residents and businesses within 10km of the Pickering and Darlington Nuclear Generating Stations (NGSs) dated September 18, 2017.
- 3.3.** Robert Kyle's office received a response to two technical questions raised at the September 15 DNHC meeting concerning Groundwater Monitoring in 2016 at the Pickering and Darlington NGSs prepared by Tiasi Ghosh, OPG, dated September 26, 2017.
- 3.4.** Robert Kyle's office received a news release from OPG concerning its Licence Application in support of the 10-year licence renewal for the Pickering NGS dated September 29, 2017.
- 3.5.** Robert Kyle's office received the CNSC's Annual Report 2016-17, *Safety First*, dated October 11, 2017.

- 3.6. Robert Kyle's office received the OPG newsletter for the Darlington Refurbishment Project dated October 18, 2017.
- 3.7. Robert Kyle's office received a newsletter from the CNL/PHAI Management Office concerning the cleanup of low-level nuclear waste to new long-term waste management facilities dated Fall 2017.
- 3.8. Robert Kyle's office received a newsletter from OPG, *Neighbours Pickering and Darlington Nuclear*, concerning several community related issues dated Fall 2017.

4. Presentations

4.1. Progress report by the CNSC concerning the Safety and Performance for Darlington and Pickering Nuclear Power Plants in 2016

Nathalie Riendeau, Acting Director, Darlington Nuclear Regulatory Division, CNSC, and Dr. Alex Viktorov, Director, Pickering Nuclear Regulatory Division, CNSC, provided a joint presentation on the CNSC's Staff Integration Safety and Performance Assessment for the Darlington and Pickering Nuclear Power Plants (NPPs) for 2016 and other compliance issues.

Nathalie explained the CNSC's regulatory focus in 2016 for NPPs and the highlights were:

- The annual performance assessment used by CNSC is based on:
 - CNSC inspections, desktop reviews and surveillance by onsite inspectors
 - CNSC reviews of OPG reports, analyses, monitoring, evaluations etc.
 - Review of events and reports submitted by OPG
 - Tracking Safety Performance Indicators
 - Verification of results of OPG self-assessments
 - Input from Third Party such as the Ontario Ministry of Labour, Environment and Climate Change Canada, Fisheries and Oceans Canada, etc.

Nathalie explained the CNSC used a risk-informed and performance-based approach for its Compliance Verification Program using 14 Safety Compliance Control Areas to be assessed to determine its Safety Performance rating. The ratings used were:

- Fully Satisfactory (FS)
- Satisfactory (SA)
- Below Expectations (BE)
- Unacceptable (UN)

The CNSC Safety Performance Rating Summary for Darlington and Pickering NPPs for 2016 were:

Safety Control Areas	Darl.	Pick.	Ind. Average
○ Human Performance Mgmt.	SA	SA	SA
○ Management Systems	SA	SA	SA
○ Operating Performance	FS	FS	FS
○ Safety Analysis	FS	FS	FS
○ Physical Design	SA	SA	SA
○ Fitness for Service	SA	SA	SA
○ Radiation Protection	FS	SA	SA
○ Conventional Health & Safety	SA	FS	FS
○ Environmental Protection	SA	SA	SA
○ Emergency Mgmt. & Fire Prot.	SA	SA	SA
○ Waste Management	FS	FS	FS
○ Safeguards & Non-Proliferation	SA	SA	SA
○ Security	SA	SA	SA
○ Packaging & Transport	SA	SA	SA
○ Integrated Plant Rating	FS	FS	SA

Nathalie provided the highlights of the Compliance Verification Program for the Darlington NPP that included:

- Units 1, 3 and 4 were operational and on October 14, 2016 Unit 2 started a refurbishment outage.
- The existing Operating Licence period is January 1, 2016 to November 30, 2025.
- Operating Performance continued at a high-level and met or exceeded CNSC requirements.
- Safety Analysis was robust and effective with a strong commitment to safety that met or exceeded CNSC requirements.
- Radiation Protection was highly effective and met or exceeded CNSC requirements.
- Waste Management for radioactive and hazardous waste met or exceeded CNSC requirements.
- Conventional Health and Safety Areas rating was decreased from Fully Satisfactory in 2015 to Satisfactory in 2016 because of non-compliances related to control and minimization of confined space entry hazards but CNSC has found that OPG's corrective action plan was considered acceptable.
- The Integrated Plant Rating for Darlington in 2016 was "Fully Satisfactory".

Nathalie mentioned an unusual Event that Darlington reported to the CNSC in February 2017 when motors were shipped to a vendor for repair. Internal contamination was detected in one of the motor of the pumps when approximately 0.5 litres of tritiated water was released at the vendor's facility.

OPG responded promptly and sent equipment and personnel to decontaminate the facility. CNSC was satisfied with OPG's compensatory measures and their corrective action plan (CMD 17 M30).

Nathalie explained the CNSC staff have been engaged in significant oversight to Major Projects and Initiatives related to the Darlington Refurbishment Project that began on October 14, 2016 and includes:

- Conditions in the Darlington operating licence such as completion of the Integrated Implementation Plan and the Implementation of Return to Service Plan.
- CNSC monitoring and verification activities are focused on regulatory deliverables.
- Refurbishment Inspections for 2016-17 were conducted during the lead-in segment of refurbishment such as defueling, isolation of containment and dewatering the reactor core.
- CNSC inspections were completed in the following Safety Control Areas:
 - Human Performance
 - Operating Performance
 - Fitness for Service
 - Conventional Health and Safety
 - Packaging and Transport
- All Safety Control Area inspections conducted with "No Safety Significant Findings" noted.
- Darlington Refurbishment Project timeline will continue until 2028 and CNSC staff will provide four compliance updates to the Commission during the refurbishment.
- CNSC will continue to provide routine surveillance and monitoring on the operating units and the refurbishment unit during the 10-year Project.

Alex provided the highlights of the Safety Performance Assessment for Pickering NPP that included:

- Units 1, 4, 5, 7 and 8 are operational.
- Units 2 and 3 are in safe storage.
- The Operating Licence expires on August 31, 2018.
- The Integrated Plant Rating for 2016 Pickering NPP was "Fully Satisfactory".

Alex mentioned that on August 28, 2017 OPG submitted a licence application for the Pickering NPP requesting continued operation until 2024. OPG's application also requested:

- Ten-year licence from September 1, 2018 to August 31, 2028
- Shut down all Units by December 31, 2024
- Followed by stabilization activities
- Place the station in safe storage by 2028
- OPG will support the licence application with a Periodic Safety Review

Alex explained the CNSC's licence application review process for the Continued Operation of the Pickering NPP includes the following steps:

- CNSC staff reviews the licence application against legal requirements and best practices.
- CNSC staff develops recommendations to the Commission based on OPG's commitment to meet legal requirements and their past performance.
- Commission decides whether to give a licence based on CNSC staff recommendations, OPG's information and the Public and Indigenous Peoples involvement.

Alex explained the CNSC licence renewal process has several milestones that include:

- November 24, 2017, the CNSC completes its sufficiency review of the licence application.
- March 5, 2018, CNSC staff and OPG file Commission Members documents for a Hearing Part 1.
- April 4, 2018, the Commission Hearing Part 1 meeting will be held in Ottawa.
- May 7, 2018, is the intervention application deadline for Hearing Part 2 to be held.
- June 26-28, 2018, the Commission Hearing Part 2 meeting will be held in the City of Pickering and the meeting place is yet to be determined.

Alex explained the anticipated major topics of interest for the Hearings will include:

Periodic Safety Review (PSR)

- OPG is conducting a Periodic Safety Review (PSR) report to assess safety and significant plant systems and components to ensure safety beyond 2020.
- The PSR helps identify practicable safety improvements to be implemented to maintain plant and system health and safety.
- CNSC staff reviews the PSR and includes improvements documented in the Integration Improvement Plan.

Fitness for Service

- OPG will provide assurance of fuel channel fitness and safety until December 2024.
- Feeders, heat exchangers, structures and piping etc. are also included in the fitness for service.

Emergency Preparedness

- Pickering will conduct a full-scale Emergency Exercise scheduled for December 6-7, 2017 that will test on-site and off-site emergency response and CNSC will participate and evaluate the OPG response.

Environmental Aspects

- CNSC staff will be conducting an Environmental Assessment under the Nuclear Safety Control Act that will include a summary of the results of the Independent Monitoring Program.
- OPG will also be updating its Environmental Risk Assessment for the Pickering NPP.

Alex mentioned that Hearing Part 2 days are open to the public for oral presentations of 10 minutes and Commission members may ask questions. There is Participant funding is available to give the public, Indigenous groups and not-for-profit organizations the opportunity to request funding from the CNSC so they can participate in its regulatory processes.

In summary, the Darlington and Pickering NPPs were operated safely in 2016 and both NPPs rated as “Fully Satisfactory”. CNSC’s major considerations in the rating process were:

- No serious process failures occurred.
- No members of the public received a radiation dose in excess of the CNSC regulatory limit.
- No workers were confirmed to have received a radiation dose in excess of the CNSC regulatory limit.
- No radiological releases to the environment were above derived release limits.
- The accident frequency and severity of workers was low for the industry.
- Darlington and Pickering NPPs complied with CNSC licence requirements.

Nathalie Riendeau and Alex Viktorov or their associates will update the DNHC next year on the 2017 Safety and Performance Reports for Darlington and Pickering NPPs. More information is available on the CNSC website at nuclearsafety.gc.ca. The slides used in their presentation are available for review at the DNHC website at durham.ca/dnhc.

4.2. Progress Report by OPG concerning the Darlington Refurbishment Project

Roy Martin, Project Director, Refurbishment Execution, OPG, provided a presentation on the progress of the Darlington Refurbishment Project.

Roy explained that the Unit 2 Refurbishment Project has five major phases and they are about to enter the third phase that includes:

- Remove end-fittings, pressure tubes, calandria tubes and calandria tube inserts.
- Install heat transport pump motors, complete water systems and electrical maintenance.

Roy explained that the Project is just past the one-year mark of October 14, 2016 and the refurbishment of Unit 2 is just over 35% complete and is on time and on budget. To date the Project has completed the following:

- Defueled the reactor.
- Opened the airlocks.
- Drained and dried the primary heat transport and moderator.
- Preserved the steam generators.
- Removed the feeder pipes.
- Severed the pressure tubes.

Roy mentioned that safety and performance are very high priorities for OPG and its safety record is excellent including many new workers coming on-site for refurbishment construction and other activities. OPG is also maintaining excellent radiation protection during the Project.

Roy provided a summary of the Project Status that includes:

- Preparation of component removal is underway.
- Worker safety/injuries is well above the industry average.
- Cost is on budget.
- Schedule is ahead of expectation.
- Quality of work is excellent.
- Environment for working is excellent.

Roy was very pleased the Project is ahead of schedule and on budget while maintain excellent quality of work in an excellent work environment. Two significant Infrastructure and Safety Projects that are now in service include:

- Installation of the Containment and Filtered Venting System.
- Installation of the Third Emergency Power Generator.

Roy mentioned the Heavy Water Storage Facility is an infrastructure project that was paused earlier this year to evaluate options that were:

- In July, a revised agreement with the vendor was developed.
- The agreement includes a guaranteed maximum price to complete the Heavy Water Storage Unit.
- The revised agreement limits OPG's cost to exposure on the project.
- The project will resume later this year.
- This project is independent of the Darlington Refurbishment Project and has no impact on any of the current or future work on Unit 2.
- The project is needed when 2 Units are in refurbishment in 2020-2021.

Roy Martin or his associates will continue to update the DNHC on the progress of the Darlington Refurbishment Project. More information is available at the OPG website at darlingtonrefurb@opg.com. The slides Roy used in his presentation are available for review on the DNHC website at durham.ca/dnhc.

4.3. Progress Report by OPG concerning the Management and Processing of Darlington Refurbishment Waste

Gord Sullivan, Director, Eastern Waste Operations and DGR, and Roy Brown, Senior Manager, Refurbishment Execution, OPG, provided a detailed presentation concerning the processing and storage of refurbishment waste at the Darlington NGS.

Gord explained the three pillars of OPG's Nuclear Waste Management Division are:

- Stewardship – looking after the waste responsibly.
- Lasting Solutions – seeking a permanent solution for disposal.
- Peace of Mind – for the public.

Gord reviewed the three types of nuclear waste OPG deals with that include:

- Low-level – clothing, mops rags etc. radioactive for about 100 to 300 years.
- Intermediate-level – resins, filters, reactor components, etc. radioactive for about 100,000 years.
- High-level – used fuel rods or spent uranium radioactive for about 1,000,000 years.
- The low and intermediate level waste is destined to be managed by OPG at the proposed Deep Geological Repository (DGR) at the Bruce Site.
- The high-level waste is destined to be managed by the Nuclear Waste Management Organization at a DGR and the site is to be determined.

Gord explained how the Darlington Refurbishment Waste, that is low and intermediate-level, is being managed.

- Retube waste is related to fuel channel components such as pressure tubes, annulus spacers, calandria tubes, etc.
- The estimated total volume for the 4 Units in the Refurbishment Project is 3,400 cubic metres of retube waste that is intermediate-level waste and 20,000 cubic metres of low-level operational waste.
- The retube waste will be stored on-site in specially designed containers in a separate building, Retube Waste Storage Building, at the Darlington NGS.
- The Western Ontario Management Facility (WWMF) located at the Bruce Nuclear site processes and stores OPG's low and intermediate-level waste and will eventually receive all the refurbishment waste for permanent disposal in the proposed DGR.
- Energy Solutions is a holding site located in Brampton that allows OPG to have a faster turnaround of low-level waste that will be later transported to the WWMF for interim and/or permanent storage.

Roy Brown explained how the refurbishment waste is being managed by using a state-of-the-art waste system to process and package low and intermediate-

level refurbishment waste. The waste management process involves transporting and filling of specially designed containers and using volume reduction processes to reduce storage requirements. The refurbishment waste management process involves:

- End fittings being placed in flasks inside the reactor building with approximately 30 shipments per day on-site to the processing facility.
- End fittings assembly will be removed from the calandria and cut in two pieces to separate the low and intermediate-level waste for separate waste handling.
- Pressure tubes/calandria tubes, intermediate-level waste, are transported to the Retube Waste Management Building for volume reduction to be crushed and chipped into 2" coupons.
- Transportation of low and intermediate-level waste is done by OPG and they have an excellent 40-year record of transporting nuclear waste safely.

Gord Sullivan and Roy Brown or their associates will continue to provide the presentation the DNHC with progress reports on the handling of nuclear waste during the Darlington Refurbishment Project. More information is available at the opg website dalingtonrefurb@opg.com. The slides used by Gord and Roy are available for review on the DNHC website at durham.ca/dnhc.

4.4. Progress Report by CNL/PHAI concerning the Port Granby Project

Mark Galanter, Manager, Port Granby Construction and Remediation, CNL/PHAI, provided a progress report on the Port Granby Project using many visual aids.

Mark provided a brief history of the Port Granby Project that included:

- The PHAI is a demonstration of Canada's commitment to clean up and safely manage historic low-level radiological waste (LLRW) from the former Canadian Crown Corporation, Eldorado Nuclear Limited, from 1933 to 1988 while minimizing the impact on communities.
- The clean up is based on a legal agreement between the Government of Canada and the Municipalities of Port Hope and Clarington.
- In 2012, the Canadian Government committed federal funding of \$1.28 billion for the clean up of LLRW in both municipalities that included \$273 million for the Port Granby Project.
- The PHAI manages the two projects known as the Port Hope Project and the Port Granby Project.
- On July 30, 2015, a contract was made for the construction of the Port Granby Long-Term Waste Management Facility (LTWMF) and construction began in 2016.
- The contract included relocating approximately 450,000 cubic metres of historic LLRW from the existing site on the north shore of Lake Ontario to

the new site approximately 700 metres to an engineered above-ground mound.

Mark provided details on the Project since the last progress report to the DNHC on November 4, 2016 and the highlights included:

- Approximately 50% of the historic LLRW has been relocated to LTWMF cells.
- The old waste water treatment lagoons have been excavated and material transferred to the LTWMF and the lagoons demolished.
- Waste transfer was suspended from July to September 2017 to allow the excavation site to dry out after an exceptionally wet spring and summer.
- Shoring work was completed in the two gorges along Lake Ontario in preparation for excavation.
- Dewatering operations 24/7 are underway to dry out the site for excavation.
- Stockpiling of materials is underway in preparation for cell cover in Spring 2018.
- The new WWTP, for enhanced waste water management, is operating 24/7 and is very efficient at handling leachate from the LTWMF.
- On-going environmental monitoring at the site includes:
 - Lake Ontario effluent discharge
 - Sediment and water quality
 - Air Quality
 - Groundwater
 - Dust
 - Plant and animal life
 - Noise

Mark summarized his presentation by stating the Project was progressing very well and is scheduled to be completed in 2020. Beyond 2020, extensive long-term environmental monitoring and maintenance will continue for many decades.

Mark Galanter or his associates will continue to update the DNHC on the progress of the Port Granby Project. More information on the Project can be accessed at phai.ca and the slides Mark used are available for review on the DNHC website at durham.ca/dnhc.

5. Communications

5.1. Community Issues at Pickering Nuclear

Analiene St. Aubin, Manager, Corporate Relations and Communications, OPG, provided an update on Community Issues at Pickering Nuclear and the highlights were:

- Pickering Units 4, 5, 6 and 7 are operating at or close to full power.

- Pickering Unit 1 is in a planned maintenance outage and Unit 8 is being returned to service following a planned maintenance outage.
- In August 2017, OPG requested a 10-year licence renewal for the Pickering NGS and the CNSC has scheduled Hearings for April 4, 2018 in Ottawa and June 26 to 28, 2018 in Pickering.
- Pickering Community Information Sessions were held October 24 to 26, 2017 at three locations and gave OPG and CNSC an opportunity to discuss with the public licence renewal activities and to answer questions concerning safety and station operations. Representatives from Durham Region and the City of Toronto were also in attendance to answer questions about emergency planning and other issues related to the safe operation of the Pickering NGS.
- Pickering will be hosting a large scale nuclear emergency exercise on December 6 and 7, 2017 to test the cooperation between participating organizations and OPG's hosted a public launch of the Pickering Exercise Unified Control on November 14, 2017.

Analiese St. Aubin, Manager, Corporate Relations and Communications, Pickering Nuclear, OPG, can be reached at (905) 839-1151 extension 7919 or by e-mail at analiese.staubin@opg.com for more information.

5.2. Community Issues at Darlington Nuclear

Analiese St. Aubin, Manager, Corporate Relations and Communications, OPG, provided an update on the Community Issues at Darlington Nuclear and the highlights were:

- Darlington Units 1 and 4 are operating at close to full power.
- Darlington Unit 3 is in a planned maintenance outage.
- Darlington Unit 2 is undergoing refurbishment.
- Darlington marked October 14th as the one-year anniversary of the beginning of the Darlington Refurbishment Project.
- Darlington Nuclear will be hosting its Refurbishment Open House on November 18 from 10:00 am to 4:00 pm at the Darlington Energy Complex, 1855 Energy Drive, Courtice.

Jennifer Knox, Manager, Corporate Relations and Communications, Darlington Nuclear, OPG, can be reached at (905) 697-7443 or by e-mail at jennifer.knox@opg.com for more information.

5.3. Corporate Community Issues for OPG

Analiese St. Aubin, Corporate Relations and Communications, OPG, provided an update on corporate community issues and the highlights were:

- OPG will be mailing out a small emergency kit with certain emergency preparedness information about what to do in the unlikely case of a nuclear emergency to approximately 130,000 households and

businesses within 10km of the Pickering and Darlington NGSs from November 17 to 30, 2017. To promote the mailout, radio ads began November 6 and print ads in local newspapers began on November 9.

6. Other Business

6.1. Topics Inventory Update

Robert Kyle indicated the Topics Inventory will be revised to include the presentations made today.

6.2. Future Topics for the DNHC to Consider

Robert Kyle indicated the theme of the next DNHC meeting scheduled for January 19, 2018 will be *Progress reports concerning Nuclear Emergency Preparedness in Durham Region* that may include:

- Progress report by the Office of the Fire Marshal and Emergency Management concerning revisions to the Provincial Nuclear Emergency Response Plan.
- Progress report by OPG concerning the December 6-7 Exercise Unified Control and Plans for 2018 Nuclear Emergency Preparedness at Darlington and Pickering NGSs.
- Progress report by Durham Emergency Management Office concerning Nuclear Emergency Preparedness in Durham Region and Plans for 2018.

6.3. Scheduled DNHC Meetings for 2018

- January 19 to be hosted by DRHD in Meeting Room LL-C
- April 20 to be hosted by DRHD in Meeting Room LL-C
- June 15 to be hosted by DRHD in Meeting Room LL-C
- September 14 to be hosted by UOIT in Meeting Room (TBD)
- November 16 to be hosted by DRHD in Meeting Room LL-C

7. Next Meeting

Location Durham Region Headquarters
605 Rossland Road East, Whitby
Meeting Room LL-C

Date January 19, 2018

Time 12:00 PM Lunch served
1:00 PM Meeting begins

Host DRHD

8. Adjournment 4:25 PM.