



City of Hamilton

PUBLIC WORKS COMMITTEE REVISED

Meeting #: 20-006
Date: August 12, 2020
Time: 9:30 a.m.
Location: Due to the COVID-19 and the Closure of City Hall

All electronic meetings can be viewed at:

City's Website:
<https://www.hamilton.ca/council-committee/council-committee-meetings/meetings-and-agendas>

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<https://www.youtube.com/user/InsideCityofHamilton> or Cable 14

Alicia Davenport, Legislative Coordinator (905) 546-2424 ext. 2729

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11.1.a.a To Create a Hamilton General Hospital Safety Zone

Item on OBL: U

Current Due Date: August 12, 2020

Proposed New Due Date: November 2, 2020

11.1.a.b Redevelopment / Reuse of the former King George School Site, at 77 Gage Avenue North

Item on OBL: V

Current Due Date: September 11, 2020

Proposed New Due Date: November 16, 2020

11.1.a.c Minimum Maintenance Standards Changes

Item on OBL: AC

Current Due Date: October 5, 2020

Proposed New Due Date: October 19, 2020

11.1.a.d Moving Hamilton Towards a Zero Plastic Waste Plan

Item on OBL: AY

Current Due Date: September 11, 2020

Proposed New Due Date: October 19, 2020

11.1.a.e Mountain Climber Phase Three Expansion

Item on OBL: AAB

Current Due Date: September 21, 2020

Proposed New Due Date: September 20, 2021

- 11.1.a.f Sustainable Mobility Program Annual Update
Item on OBL: AAC
Current Due Date: August 12, 2020
Proposed New Due Date: October 5, 2020
- 11.1.a.g Review of Cycle Hamilton Recommendations Respecting the Cannon Street Resurfacing Project
Item on OBL: AAD
Current Due Date: August 12, 2020
Proposed New Due Date: September 11, 2020
- 11.1.a.h Road Safety Review and Appropriate Measures at the York Road and Newman Road Intersection
Item on OBL: AAE
Current Due Date: September 11, 2020
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- 11.1.a.i Integration of an All Ages and Abilities Assessment into Existing and Future Cycling Infrastructure in Hamilton
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Current Due Date: August 12, 2020
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- 11.1.a.j City of Hamilton's Cemeteries Business Plan
Item on OBL: AAO
Current Due Date: October 19, 2020
Proposed New Due Date: Q1 2021
- 11.1.a.k Municipal Class Environmental Assessment and Conceptual Design of Ancaster Elevated Water Reservoir
Item on OBL: AAP
Current Due Date: September 21, 2020
Proposed New Due Date: December 7, 2020

11.1.a.l Feasibility of Implementation of a Digital Automated Information System on the Lincoln Alexander Parkway and Red Hill Valley Parkway

Item on OBL: AAU

Current Due Date: September 21, 2020

Proposed New Due Date: January 11, 2021

11.1.a.m Implementation and Resources Required re: Corporate Goals and Areas of Focus for Climate Mitigation & Adaptation

Item on OBL: AAW

Current Due Date: September 21, 2020

Proposed New Due Date: December 7, 2020

11.1.a.n Management of the Aviary at 85 Oak Knoll Drive

Item on OBL: AAY

Current Due Date: August 12, 2020

Proposed New Due Date: Q2 2021

11.1.a.o Feasibility of Accelerated Lead Water Service Line Replacement Options

Item on OBL: ABA

Current Due Date: August 12, 2020

Proposed New Due Date: October 5, 2020

12. PRIVATE AND CONFIDENTIAL

13. ADJOURNMENT



PUBLIC WORKS COMMITTEE MINUTES 20-005

9:30 a.m.

Wednesday, July 8, 2020

Council Chambers

Hamilton City Hall

71 Main Street West

Present: Councillors J.P. Danko (Chair), S. Merulla (Vice-Chair), C. Collins, J. Farr, L. Ferguson, T. Jackson, N. Nann, E. Pauls, M. Pearson and A. VanderBeek

Absent with Regrets: Councillor T. Whitehead – Personal

THE FOLLOWING ITEMS WERE REFERRED TO COUNCIL FOR CONSIDERATION:

1. Consent Items (Item 5)

(Ferguson/Pauls)

(a) That Consent Items 5.1 to 5.5 be received, as presented:

(i) **Residential Encroachments onto the Pipeline Trail Corridor (PW20040/PED20122) (Ward 4) (Item 5.1)**

That Report PW20040/PED20122, respecting Residential Encroachments onto the Pipeline Trail Corridor, be received.

(ii) **Biosolids Management Project - Woodward Wastewater Treatment Plant (PW11098(f)) (City Wide) (Item 5.2) - REVISED**

That Report PW11098(f), respecting the Biosolids Management Project - Woodward Wastewater Treatment Plant, be received.

(iii) **Woodward Upgrade Project Construction and Progress Update (PW20043) (City Wide) (Item 5.3)**

That Report PW20043, respecting Woodward Upgrade Project Construction and Progress Update, be received.

**(iv) Sewer Use By-law Program 2019 Annual Update (PW20042)
(City Wide) (Item 5.4)**

That Report PW20042, respecting the Sewer Use By-law Program 2019 Annual Update, be received.

(v) 2019 Annual Energy Report (PW20024) (City Wide) (Item 5.5)

That Report PW20024, respecting the 2019 Annual Energy Report, be received.

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

2. Decorative Crosswalks (PW20041) (City Wide) (Item 8.1)**(Farr/Nann)**

That the installation of decorative crosswalks be permitted in the City of Hamilton and be implemented as per the Decorative Crosswalk Guideline, attached to Report PW20041 as Appendix "A".

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

3. Community Safety Zones (PW20045) (City Wide) (Item 8.2)**(Merulla/Pearson)**

- (a) That the amendment of City of Hamilton By-law 01-215, being a by-law to Regulate Traffic ("City of Hamilton Traffic By-law"), to add the designation for community safety zones, attached to Report PW20045 as Appendix "A", and which has been prepared in a form satisfactory to the City Solicitor be approved;
- (b) That the Community Safety Zone Selection Guideline, attached to Report PW20045 as Appendix "B", be received;
- (c) That the Mayor submit a letter to the Ministry of Transportation Ontario, on behalf of City Council, seeking legislative and regulatory amendments to allow municipalities to administer Automated Speed Enforcement and Red-Light Camera Enforcement programs through the Administrative Monetary Penalty system; and,
- (d) ***That staff report back to the Public Works Committee no later than Q4 2020 with an auxiliary list of potential Automated Speed Enforcement locations upon consultation with Ward Councillors.***

Result: Main Motion, As Amended, CARRIED by a vote of 9 to 1, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 NO - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

4. Security Report on Theft and Vandalism Prevention in City-Owned Spaces (PW20046) (City Wide) (Item 8.4)**(Farr/Pearson)**

- (a) That Corporate Security be approved to deploy a Parks Security Patrol program under a 2-year pilot, to begin in the Spring of 2021;
- (b) That the operating costs associated with the Parks Security Patrol 2-year pilot program be referred to the 2021 operating budget deliberations; and,
- (c) That Corporate Security report back to the Public Works Committee, prior to the completion of the 2-year pilot, presenting the results of the program

including the metrics used to measure the value, impacts and improvements as a result of the pilot program.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

5. PRESTO Adoption (PW17033(e)) (City Wide) (Item 8.5)

(Pearson/Jackson)

- (a) That the Strategy For Legacy Paper Media Removal, be approved, as follows:

Product	Notice	Action	Marketing
Paper Monthly Passes	Provided August 2020 - 2 month	November 1, 2020 no paper passes	Provide literature with each pass sold advising of removal of paper pass and the benefits of PRESTO. Work with social agencies to implement the best solution for their client.
Paper Tickets and Day passes	Provided August 2020 - 3 months	November 1, 2020 no paper tickets or day passes at vendors	Promote the benefits of PRESTO to ticket users via web and social media, utilize vendor network to provide information. Day pass functionality will not be available on PRESTO.
Vendors	Provided August 2020 - 3 months	Remove all HSR paper media product from all vendor locations as of November 1, 2020	This change may be disruptive to the vendors business. Provide a 3 month notice period to allow for the adjustment.

Product	Notice	Action	Marketing
Special Purpose Ticket	Provided August 2020 – 3 months	November 1, 2020 introduce special purpose ticket available at Customer Service Office located at Hunter GO Station for Social Agencies and to customers who are not connected with social agencies, limit of 2 tickets. Tickets will remain until new functionality is available.	Advise agencies of the availability so they can continue to support clients. Work with agencies to determine the future functionality that will best suit their needs and work with PRESTO.
Mobile e-ticketing	Projected release from PRESTO September 2020 – 2 months	November 1, 2020 PRESTO e-ticketing becomes available. Basic functionality is available, improvements will be available through a number of releases.	Campaign for customers to ensure understanding of what this product is and how it works. Mobile ticketing will allow customers to purchase one or two tickets at a time at the Council approved ticket prices without the need for a PRESTO card.

- (b) That the Golden Age fare policy consist of a one-time free PRESTO card and unlimited free transit in Hamilton to residents 80 years and older and the cost of the card be funded through current operating budget.

Result: Motion CARRIED by a vote of 8 to 1, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 NO - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

6. University/College Transit Pass Agreements (PW20022(a)) (City Wide) (Item 8.6)**(Pearson/Jackson)**

- (a) That the General Manager of Public Works, or their designate, be authorized and directed to negotiate and execute on behalf of the City all necessary agreements and related documents to:
- (i) Either temporarily suspend the Transit Pass Agreements (the "UCTP Agreements") between the City and: (a) McMaster University (re: Undergraduate students); (b) McMaster University (re: Graduate students); (c) Redeemer University College; and (d) Mohawk College; or prorate the UCTP fees in relation to the respective UCTP Agreements, according to the requirements of each individual school at the discretion of the General Manager of Public Works for a period of time to be determined by the General Manager of Public Works, all in a form acceptable to the City Solicitor;
 - (ii) Subsequently revive the UCTP Agreements, at the discretion of the General Manager of Public Works, all in a form acceptable to the City Solicitor;
 - (iii) Further suspend/revive the UCTP Agreements or prorate the UCTP fees, as required at the discretion of the General Manager of Public Works, all in a form acceptable to the City Solicitor;
- (b) That Appendix "A" attached to Report PW20022(a) remain confidential; and,
- (c) That the General Manager of Public Works, or their designate, be authorized and directed to issue appropriate refunds for the UCTP Agreements as they relate to payments made in advance for the 2019/2020 agreements.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

7. City of Hamilton Water, Wastewater and Stormwater Master Plans Policy Paper (PW20048) (City Wide) (Item 8.7)

(Nann/Farr)

- (a) That each of the policy statements and implementation strategies contained in the City of Hamilton Water, Wastewater and Stormwater Master Plans Policy Summary Tables shown in Appendix "A" to Report PW20048 be endorsed;
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to adopt these statements as the guiding principles to identify servicing alternatives in the development of the City of Hamilton Water, Wastewater, and Stormwater Master Plans for the Lake Based Systems being developed under Growth Related Integrated Development Strategy 2; and,
- (c) That the General Manager of Public Works, or their designate, be authorized and directed to report to the Public Works Committee upon completion of the Water, Wastewater and Stormwater Master Plans, outlining any changes or additions to the policy statements resulting from public or key stakeholders' consultations.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

8. Installation of Speed Cushions on Eleanor Avenue, Hamilton, between Dulgaren Street and Eaglewood Drive (Ward 6) (Item 9.1)

(Jackson/Collins)

WHEREAS, residents are requesting the installation of traffic calming measures along Eleanor Avenue, via petition to address roadway safety concerns as a result of speeding and cut-through traffic;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to install up to three speed cushions on Eleanor Avenue, Hamilton, between Dulgaren Street and Eaglewood

Drive, in 2020, at a total cost not to exceed \$20,000, to be funded from the Ward 6 Capital Reinvestment Account (3301909600); and,

- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

9. Installation of Speed Cushions on Acadia Drive, Hamilton, between Upper Sherman Avenue and Upper Wentworth Street, and between Rymal Road East and Stone Church Road East (Ward 7) (Item 9.2)

(Pauls/Jackson)

WHEREAS, residents are requesting the installation of traffic calming measures along Acadia Drive to address roadway safety concerns as a result of speeding and cut-through traffic;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to install seven speed cushions on Acadia Drive, Hamilton, between Upper Sherman Avenue and Upper Wentworth Street, and between Rymal Road East and Stone Church Road East, in 2020, at a total cost not to exceed \$50,500, to be funded from the Ward 7 Area Rating Capital Reserve Fund (108057); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson

YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

10. Permanent Bump-Out Installation at Wellington Street North and Barton Street East (Ward 2) (Added Item 9.3)

(Farr/Nann)

WHEREAS, Report PED19187 On Street Parking Permits – Wellington Street North recommending changes to on-street parking regulations on Wellington Street North from Barton Street East to Robert Street was approved by Council on November 27, 2019;

WHEREAS, the November 27, 2019 report identified the need for a bump-out to be installed at on the South/West corner of Wellington Street North and Barton Street East to delineate the parking lane; and,

WHEREAS, staff have completed a design for the bump-out and recommend a permanent installation at an estimated cost of \$30,000 which is preferable to a temporary solution using bollards;

THEREFORE, BE IT RESOLVED:

- (a) That the estimated cost of \$30,000 to construct a permanent bump-out at Wellington Street North and Barton Street East be funded from Ward 2 Special Capital Re-Investment Reserve Account (108052); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 8 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 NOT PRESENT - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

11. Hunter Street West Bike Lane Enhancements (Ward 2) (Added Item 9.4)**(Farr/Nann)**

WHEREAS, the existing bi-directional cycle track on Hunter Street West between MacNab Street South and Queen Street South is delineated by signs and pavement markings only and lacks physical separation from motor vehicle traffic; and,

WHEREAS, Report PED20100/PW20034, respecting COVID-19 Recovery Phase Mobility Plan, was approved by Council on June 24, 2020 (see Item 10 of Public Works Committee Report 20-004) and recommended improvements to the City's existing cycling network including increased physical separation;

THEREFORE, BE IT RESOLVED:

- (a) That the estimated cost of \$40,000 to install concrete curbs and bollards on Hunter Street West between MacNab Street South and Queen Street South be funded from Ward 2 Special Capital Re-Investment Reserve Account (108052); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

FOR INFORMATION:

(a) CHANGES TO THE AGENDA (Item 1)

The Committee Clerk advised of the following changes to the agenda:

4. COMMUNICATIONS (Item 4)

- 4.1 Correspondence from Caroline Mulroney, Minister of Transportation, respecting Financial Assistance to Support Enhanced Cleaning of Public Transit Systems

Recommendation: Be received and referred to the General Manager of Public Works for appropriate action.

5. CONSENT ITEMS (Item 5)

- 5.2 Biosolids Management Project - Woodward Wastewater Treatment Plant (PW11098(f)) (City Wide) - **REVISED**

6. WRITTEN DELEGATIONS (Item 6)

- 6.1 Written Delegation from Garrett Blair and Wendy Rolfe, Mohawk Students' Association, respecting Item 8.6 - University/College Transit Pass Agreements (PW20022(a))

Recommendation: Be received and referred to the consideration of Item 8.6.

10. NOTICES OF MOTION (Item 10)

- 10.1 Permanent Bump-Out Installation at Wellington Street North and Barton Street East (Ward 2)
- 10.2 Hunter Street West Bike Lane Enhancements (Ward 2)

(Ferguson/VanderBeek)

That the agenda for the July 8, 2020 Public Works Committee meeting be approved, as amended.

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF THE PREVIOUS MEETING (Item 3)**(i) June 17, 2020 (Item 3.1)****(Pearson/Pauls)**

That the Minutes of the June 17, 2020 meeting of the Public Works Committee be approved, as presented.

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(d) COMMUNICATIONS (Item 4)**(i) Correspondence from Caroline Mulrone, Minister of Transportation, respecting Financial Assistance to Support Enhanced Cleaning of Public Transit Systems (Added Item 4.1)****(Pearson/Nann)**

That the correspondence from Caroline Mulrone, Minister of Transportation, respecting Financial Assistance to Support Enhanced Cleaning of Public Transit Systems, be received and referred to the General Manager of Public Works for appropriate action.

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(e) WRITTEN DELEGATIONS (Item 6)

- (i) Written Delegation from Garrett Blair and Wendy Rolfe, Mohawk Students' Association, respecting Item 8.6 - University/College Transit Pass Agreements (PW20022(a)) (Added Item 6.1)**

(Nann/Farr)

That the Written Delegation from Garrett Blair and Wendy Rolfe, Mohawk Students' Association, respecting Item 8.6 - University/College Transit Pass Agreements (PW20022(a)), be received and referred to the consideration of Item 8.6.

Result: Motion CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(f) DISCUSSION ITEMS (Item 8)

- (i) Community Safety Zones (PW20045) (City Wide) (Item 8.2)**

(Jackson/Collins)

That Report PW20045, respecting Community Safety Zones, be **amended** by adding recommendation (d), as follows:

- (d) *That staff report back to the Public Works Committee no later than Q4 2020 with an auxiliary list of potential Automated Speed Enforcement locations upon consultation with Ward Councillors.***

Result: Amendment CARRIED by a vote of 10 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead

YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

For further disposition of this matter, refer to Item 3.

(ii) Traffic Calming Management Policy (PW20044) (City Wide) (Item 8.3)

(Pearson/Collins)

That Report PW20044, respecting a Traffic Calming Management Policy, be DEFERRED to a future Public Works Committee meeting to allow staff the opportunity to meet with Ward Councillors and review their concerns.

Result: Motion CARRIED by a vote of 9 to 1, as follows:

YES - Ward 2 Councillor Jason Farr
 NO - Ward 3 Councillor Nrinder Nann
 YES - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(Pearson/Nann)

That the Public Works Committee be recessed at 1:00 p.m.

CARRIED

The Public Works Committee reconvened at 1:36 p.m.

(g) NOTICES OF MOTION (Item 10)

(i) Permanent Bump-Out Installation at Wellington Street North and Barton Street East (Ward 2) (Added Item 10.1)

(Farr/Nann)

That the Rules of Order be waived to allow for the introduction of a Motion respecting a Permanent Bump-Out Installation at Wellington Street North and Barton Street East (Ward 2).

Result: Motion CARRIED by a 2/3's majority by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla

YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

For further disposition of this matter, refer to Item 10.

(ii) Hunter Street West Bike Lane Enhancements (Ward 2) (Added Item 10.2)

(Farr/Nann)

That the Rules of Order be waived to allow for the introduction of a Motion respecting Hunter Street West Bike Lane Enhancements (Ward 2).

Result: Motion CARRIED by a 2/3's majority by a vote of 8 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 NOT PRESENT - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

For further disposition of this matter, refer to Item 11.

(h) GENERAL INFORMATION / OTHER BUSINESS (Item 11)

(i) Amendments to the Outstanding Business List (Item 11.1)

(Pearson/Ferguson)

That the following amendments to the Public Works Committee's Outstanding Business List, be approved:

- (a) Items Considered Complete and Needing to be Removed:
- (i) Graffiti Management Strategy
 Recommendation (g) addressed as Item 8.4 on today's agenda – Report PW20046.

Recommendation (h) addressed as Item 1 of Public Works Committee Report 19-009 – Report PW19050, Appendix "D".

Item on OBL: AAZ

- (ii) PRESTO Operating Agreement
Addressed as Item 8.5 on today's agenda – Report PW17033(e)
Item on OBL: N
 - (iii) Theft and Vandalism Prevention in City-Owned Public Spaces
Addressed as Item 8.4 on today's agenda – Report PW20046
Item on OBL: AAH
- (b) Items Requiring a New Due Date:
- (i) Minimum Maintenance Standards Changes
Item on OBL: AC
Current Due Date: Q3 2020
Proposed New Due Date: October 5, 2020
 - (ii) Operations and Maintenance of the Central Composting Facility
Item on OBL: AV
Current Due Date: August 12, 2020
Proposed New Due Date: October 19, 2020
 - (iii) Review of Cycle Hamilton Recommendations Respecting the Cannon Street Resurfacing Project
Item on OBL: AAD
Current Due Date: July 2020
Proposed New Due Date: August 12, 2020
 - (iv) Airport Employment Growth District (AEGD) Servicing Update
Item on OBL: AAI
Current Due Date: June 2020
Proposed New Due Date: September 11, 2020
 - (v) Standardization of Enterprise Asset Management Systems
Item on OBL: AAV
Current Due Date: June 15, 2020
Proposed New Due Date: June 2024
 - (vi) Management of the Aviary at 85 Oak Knoll Drive
Item on OBL: AAY
Current Due Date: Q2 2020

Proposed New Due Date: August 12, 2020

Result: Motion CARRIED by a vote of 9 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Vice Chair - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Chair - Ward 8 Councillor John-Paul Danko
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 YES - Ward 10 Councillor Maria Pearson

(i) PRIVATE AND CONFIDENTIAL (Item 12)

Committee determined that discussion of Item 12.1 was not required in Closed Session, so the item was addressed in Open Session, as follows:

(i) Appendix "A" to Report PW20022(a), University/College Transit Pass Agreements (City Wide) (Item 12.1)

For further disposition of this matter, refer to Item 6.

(j) ADJOURNMENT (Item 13)

(Ferguson/Nann)

That there being no further business, the Public Works Committee be adjourned at 2:37 p.m.

CARRIED

Respectfully submitted,

Councillor J.P. Danko
 Chair, Public Works Committee

Alicia Davenport
 Legislative Coordinator
 Office of the City Clerk

David Kebick

[REDACTED]
Hamilton, Ontario

[REDACTED]
community@parkview-hamilton.ca

July 15, 2020

Attention: Public Works Committee

City of Hamilton, Office of the City Clerk
71 Main Street West, 1st Floor
Hamilton, Ontario
L8P 4Y5

I wish to address the Public Works Committee about the road noise that has become a substantial impact on the Parkview West Community.

I've lived in the Parkview West Community since 1973. This used to be a VERY quiet neighbourhood even though located near industrial facilities. For years during the day and evenings all you could hear were the neighbours and the birds, etc.

About 10 years ago, the road noise and industrial noise started to increase. Now with the daily rush hour traffic from Nikola Telsa Blvd, the Over-Pass and Local Highway road noise has increased to the point where this now exceed residential values. This was confirmed with other government offices (MOECC) when working through other noise infractions. But after sound testing from the local industries and government offices, it was stated that the daily road noise now exceeds the residential values for this community.

As a resident and homeowner and on behalf of the Parkview West Community, I would like to request that the Public Works Committee for the City of Hamilton investigate the options to reduce the noise pollution and impact from Nikola Telsa and the Over-Pass, including a proper acoustic sound barrier along the road side. I would also like to request that the Public Works Committee also consider installing signs that read something similar to "Please Refrain from using Engine Breaks" along Nikola Telsa from where the highway traffic enters the Blvd and from where the Blvd's down sloop to the Highway. As I am sure that once you investigate the noise impact, that Transport Engine Brakes and Muffler's also contribute to the substantial noise impact on the local community as well.

Sincerely,

David Kebick

[REDACTED]
Hamilton, Ontario

[REDACTED]
community@parkview-hamilton.ca

Added Item 4.2

Form: Request to Speak to Committee of Council

Submitted on Monday, August 10, 2020 - 11:58 am

==Committee Requested==

Committee: Public Works Committee

==Requestor Information==

Name of Individual: Bill Fitzgerald

Name of Organization: Hamilton Oshawa Port Authority

Contact Number: 905-525-4338

Email Address: bfitzgerald@hopaports.ca

Mailing Address: 605 James St N, Hamilton, ON L8L 1K1


Reason(s) for delegation request: Delegation regarding item: Permanent Closure and Sale of Portion of Ship Street, Niagara Street, and Hillyard Street, Hamilton

Will you be requesting funds from the City? No

Will you be submitting a formal presentation? Yes



INFORMATION REPORT

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	July 8, 2020
SUBJECT/REPORT NO:	Annual Wastewater Treatment Bypass Report - 2019 (PW20025) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Vaughan Martin (905) 546-2424 Ext. 7130
SUBMITTED BY:	Nick Winters Director, Water and Wastewater Operations Public Works Department
SIGNATURE:	

COUNCIL DIRECTION

On January 23, 2019 Council directed staff to provide the Public Works Committee with an annual report on discharges to the natural environment from the Dundas and Woodward Wastewater Treatment Plants (WWTPs).

INFORMATION

This report details the bypass frequency and volume for the Woodward and Dundas Wastewater Treatment Plants for 2018 / 2019 and provides the 5-year average for each. This report also provides similar data from Ontario municipalities that publicly report WWTP bypass information.

Annual Report on Wastewater Treatment Plant Discharges:

The following information pertains to WWTP bypass events at the City of Hamilton's (City) two (2) WWTPs. The Woodward WWTP is located at 700 Woodward Avenue, Hamilton and discharges into the Red Hill Creek. The Dundas WWTP is located at 135 King Street East, Dundas and discharges to the Desjardins Canal. Both discharge locations are connected to Hamilton Harbour and are integral for the City to reach its goal of delisting the Harbour.

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OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Annual Wastewater Treatment Bypass Report – 2019
(PW20025) (City Wide) - Page 2 of 3**

The City of Hamilton has a large complex wastewater collection network consisting of both separated sewer systems and combined sewers. Combined sewers are found in older areas of the City and carry a combination of stormwater and wastewater in the same pipe. During periods of heavy rainfall, snowmelt, or elevated lake levels the combined sewers are inundated with large volumes of stormwater that can exceed the capacity of the pipes. This results in combined sewer overflows (CSOs) and can overwhelm the WWTPs resulting in a temporary bypass. WWTP operators monitor incoming flows and make operational adjustments to the treatment processes as required. To protect the plant from infrastructure damage, prevent flooding, and maintain compliance with the WWTP Environmental Compliance Approval (ECA) the WWTP operator will initiate a bypass event.

At the Woodward WWTP a bypass can occur at various stages in the wastewater treatment process. Since the completion of infrastructure upgrades in 2012 almost all bypass events have been classified as a secondary bypass. A secondary bypass means that the wastewater has been partially treated including the removal of large solids, grit and floatable material, and chemicals have been added to assist with phosphorus removal. Between May 15 and October 15 each year, secondary bypasses also receive chlorine disinfection followed by chlorine removal prior to discharge to the natural environment.

All bypasses are promptly reported to the Ministry of Environment, Conservation and Parks (MECP) Spills Action Centre and to Public Health Services as required by the regulations.

In 2019 all bypass events at the WWTP were the result of wet weather that generated flows in excess of the WWTP's treatment capacity. It is important to note that flows from the Dundas WWTP are carefully controlled and flows exceeding the plant capacity are directed to the Woodward WWTP. There have been no costs associated with the clean-up of a WWTP bypass to date.

The 2019 data is presented in the following table:

Bypass Location	# of Bypass Events			Total Bypass Volume (ML)		
	5 Year Average (2015 - 2019)	2018	2019	5 Year Average (2015 - 2019)	2018	2019
Dundas WWTP	0	0	0	0	0	0
Woodward WWTP	17.8	17	34	1,771	1,868	3,067

Table 1 - Woodward and Dundas WWTP Bypass Frequency and Volume Comparison (Million Litres - ML)

**SUBJECT: Annual Wastewater Treatment Bypass Report – 2019
(PW20025) (City Wide) - Page 3 of 3**

There was a significant increase in bypass frequency and volume in 2019 at the Woodward WWTP when compared to 2018 and the 5-year average. This increase was largely due to high lake levels that impacted the WWTP between May and September.

As identified in Information Update HW.19.07, in 2019, significant snowmelt and rainfall events occurred in Hamilton resulting in high water levels in Lake Ontario and Hamilton Harbour. On June 4, 2019, the water levels in Lake Ontario peaked at 76.01 metres, approximately 1.32 metres above historical averages and nearly 0.15 metres above the 2017 record elevation. The elevated lake levels allowed Harbour water to enter the wastewater collection system which resulted in increased dry weather flow (base flow) to the Woodward WWTP. Ultimately the impact of the high lake levels was that smaller wet weather events resulted in WWTP bypasses, whereas a bypass may not have occurred had base flows at the plant been normal.

In addition, in 2019 temporary capacity restrictions were imposed at the Woodward WWTP resulting from the Woodward Upgrades Program construction. While these restrictions do not affect the rated dry weather capacity it does impact the capacity at which the WWTP can operate during wet weather events. These temporary capacity restrictions will be in place until construction is complete in 2022.

Finally, Council verbally requested at the January 13, 2020 Public Works Committee meeting, that available WWTP bypass volumes for comparable municipalities be presented along with the bypass data for the Hamilton WWTPs. The table below provides the requested data with information from other Ontario municipalities that publicly report WWTP bypasses.

Municipality	Total Bypass Volume (ML)	
	2018	2019
Kingston (3 WWTPs)	70	15
London (3 WWTPs)	na ¹	16
Sudbury (1 WWTP)	na ¹	338
Niagara Region (11 WWTPs)	2778	2178
Hamilton (2 WWTPs)	1868	3067
Toronto (2 WWTPs)	2093	4383

Table 2 - WWTP Bypass Volume Comparison for Hamilton and Other Municipalities (Million Litres - ML) (¹Data is not available)

APPENDICES AND SCHEDULES ATTACHED

Not Applicable



CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Transportation Operations & Maintenance Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Connected & Autonomous Vehicles Test Bed (PW19097(a)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Cyrus Tehrani (905) 546-2424 Ext. 2261 Mike Field (905) 546-2424 Ext. 4576
SUBMITTED BY:	Edward Soldo Director, Transportation Operations & Maintenance Public Works Department
SIGNATURE:	

COUNCIL DIRECTION

N/A

INFORMATION

On November 27, 2019 Council approved Report PW19097 Connected & Autonomous Vehicles Test Bed, which authorized the General Manager of Public Works to execute agreements to formalize a partnership between the City of Hamilton and the Centre for Integrated Transportation and Mobility (CITM) to assist in their deployment of a Connected and Autonomous Vehicle Test Bed.

This report provides an update regarding the status of the Connected & Autonomous Vehicle Test Bed, including progress and changes in project scope.

Transportation Operations & Maintenance with the assistance of Legal Services, has been actively developing an agreement between the City and CITM. The agreement will include details pertaining to the establishment of a public test bed, particularly roles and responsibilities, use of City infrastructure and attributed costs. Completion of the agreement has been delayed because of COVID-19 and minor scope changes introduced by CITM.

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SUBJECT: Connected & Autonomous Vehicles Test Bed (PW19097(a)) (City Wide)
– Page 2 of 2

The Connected & Autonomous Vehicles Test Bed project, which is managed and implemented by CITM, includes both private and public test areas. The private test bed is located on private roads at the McMaster Innovation Park's Cen-Met facility (175 Longwood Road South) and is fully operational.

The public test bed that is proposed to be located on the central mountain has been reduced in size, however only by one block. This change was required by CITM to facilitate proper coverage of the cellular network that their sensors will be communicating with.

The original proposed public test bed was bounded by Upper Gage Avenue, Stone Church Road, Dartnall Road and Rymal Road. It has been reduced and is now bounded by Upper Ottawa Street, Stone Church Road, Dartnall Road and Rymal Road.

The public test bed on the mountain does not have easily accessible fibre-optic infrastructure and attempting to run new fibre to any of the sensor locations would be impractical and financially prohibitive to CITM as they are responsible for all associated costs. CITM identified that providing fibre-optic connectivity to sensors would add significant research value to the project. As such, the scope has added two sensor locations in downtown Hamilton that have existing and easily accessible fibre-optic infrastructure. These locations are:

- York Boulevard Parkade (Municipal Lot 68) at 28 York Boulevard; and
- Alectra Utility pole at the intersection of Bay Street South and Hunter Street West or City of Hamilton street light pole at the intersection of Caroline Street South and Main Street West.

Final selection for the second location is dependent upon the conclusion of a review which is currently being undertaken by CITM.

Additional review, technical discovery or additional sensor installations may necessitate other locations be considered in the future. Alternate locations would be near either the mountain or downtown locations.

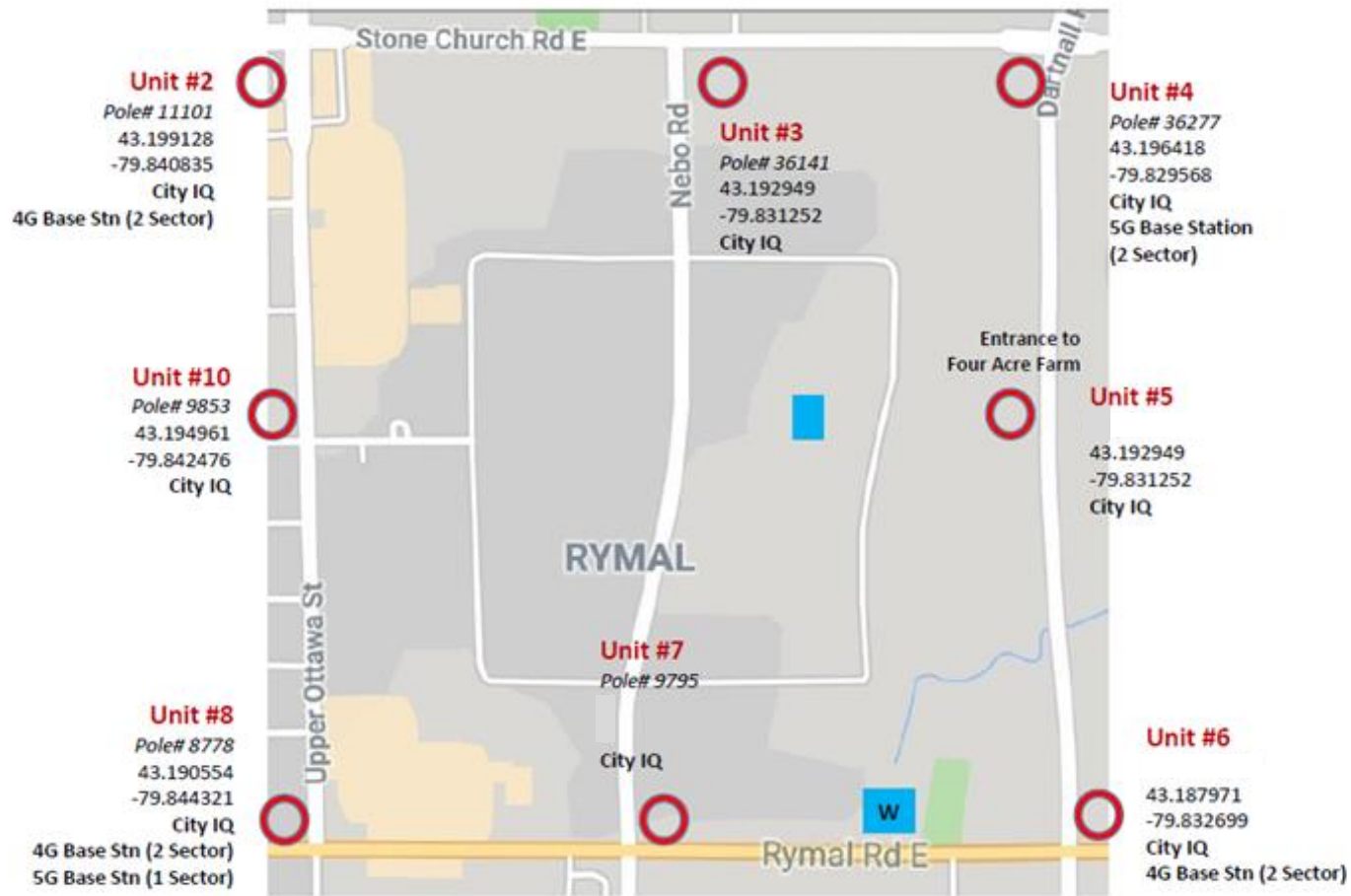
Maps of the public test bed, the downtown sensor locations and a typical CAV pole configuration has been attached to Report PW19097(a) as Appendix "A".

The public test bed was anticipated to be operational in Q2 of 2020, however due to COVID-19 and other logistical details, CITM has revised the operation date to Q4 of 2020.

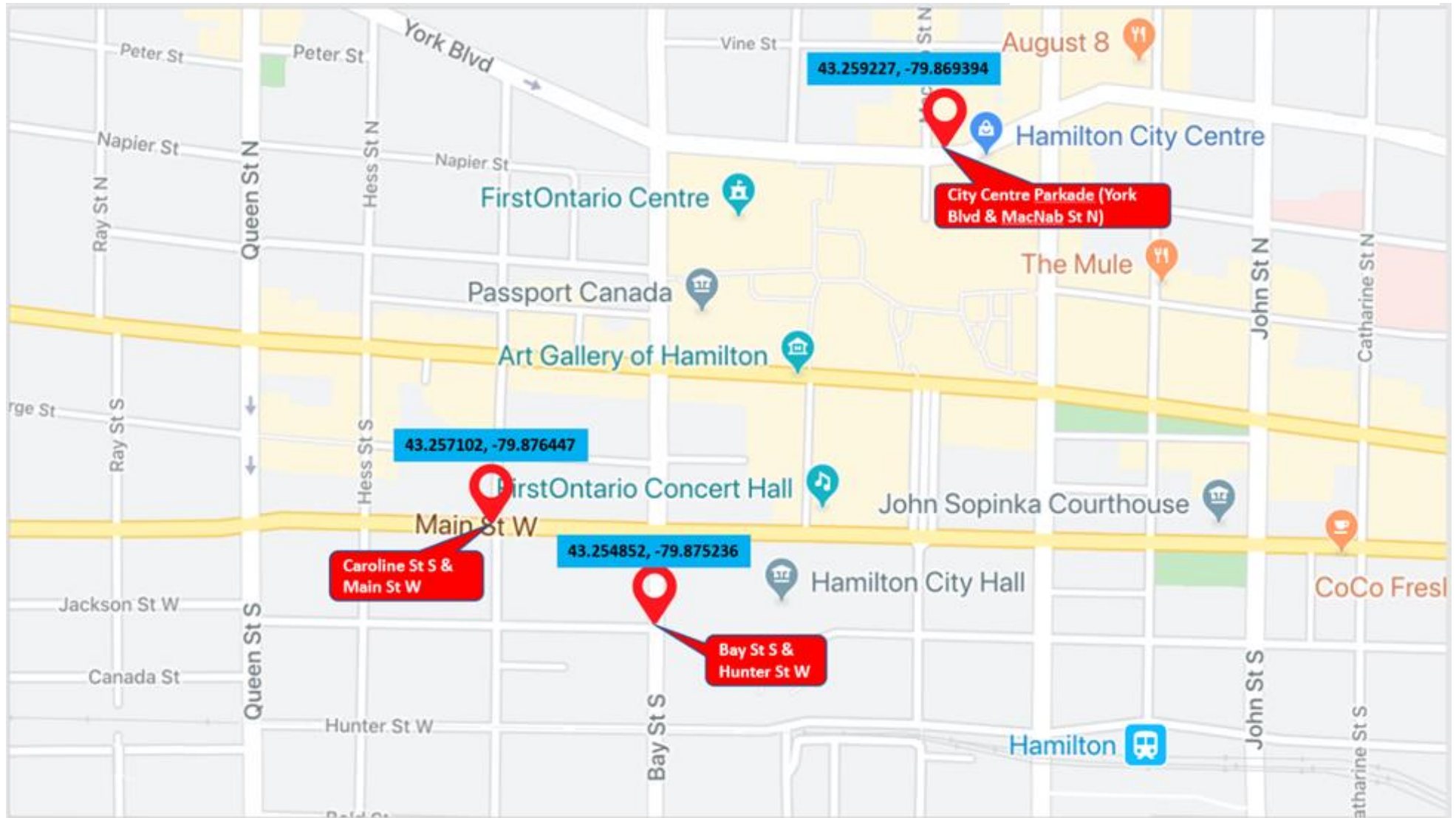
APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report PW19097(a) – CAV Public Deployment

Hamilton: Mountain CAV Public Test Bed



Hamilton: Downtown CAV Sensor Locations




Hamilton: CAV Typical Pole Configuration





INFORMATION REPORT

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	2019 Corporate Security Annual Report (PW20053) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Martin Dambeau (905) 546-2424 Ext. 2855 Delfina Duarte (905) 546-2424 Ext. 6627
SUBMITTED BY:	Rom D'Angelo, C.E.T.; CFM Director, Energy, Fleet and Facilities Management Public Works Department
SIGNATURE:	

COUNCIL DIRECTION

Not applicable.

INFORMATION

The purpose of this report is to provide City Council with the first Annual Report on Corporate Security.

In 2018 the City established a centralized Corporate Security Office reporting through the Energy, Fleet and Facilities Division within the Public Works Department. Two positions were dedicated to Corporate Security including the Corporate Security Specialist and a Project Manager of Security Systems. In July of 2020, a Project Manager, Security Planning was added to the team. The Corporate Security team reports to the Manager of Facilities Planning and Business Solutions.

The creation of a dedicated corporate security team was a timely decision made by City Council as 2018 and 2019 were years highlighted by an increase in protesting activities, particularly in the City Hall forecourt. Having a dedicated security office has been instrumental in strengthening policies and procedures to ensure safe use of City assets.

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OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

SUBJECT: 2019 Corporate Security Annual Report (PW20053) (City Wide)
- Page 2 of 2

The City of Hamilton's 2019 Corporate Security Annual Report is attached to Report PW20053 as Appendix "A". The report provides a high-level year in review summary of the activities, events and projects for 2019.

The 2019 report also highlights significant accomplishments and details of security enhancements such as the new City-wide Security Guard Service contract, cost per square foot analysis for Security Guard Services at various facilities, technology project installation focus and program specific Policy development. Select Corporate Security key performance indicators (KPI's), Incident and Activity statistics are also provided for the 2019 year.

A Moving Forward section is included in the 2019 report to identify a high-level 10-Year consolidated Capital plan that will be submitted during the 2021 budget deliberation process.

APPENDICES AND SCHEDULES ATTACHED:

Appendix "A" to Report PW20053 – 2019 Corporate Security Annual Report

Corporate Security Annual Report 2019

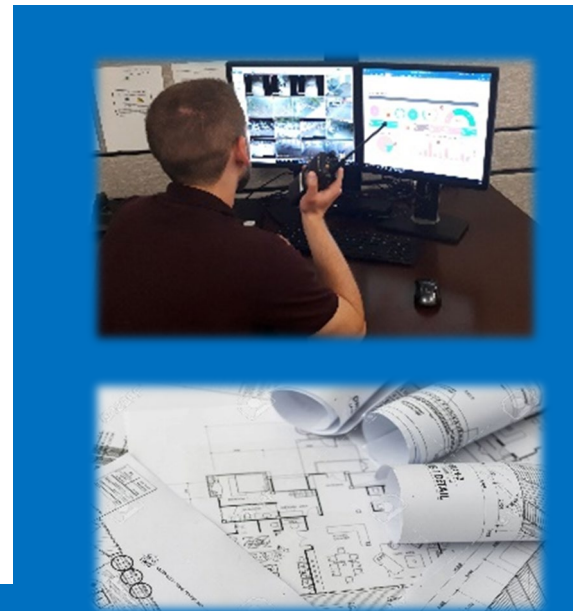


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Introduction

The Corporate Security Office (CSO), under the Facilities Planning & Business Solutions section, Energy, Fleet & Facilities Management division in the Public Works department, is the City's corporate office responsible for setting and delivering physical security standards for City staff, assets and visitors in partnership with all City divisions.

In 2020, the CSO is please to begin annual reporting on security operations, technology delivery, system enhancements and other key accomplishments. In 2019, the CSO began collecting statistical data and key performance indicator (KPI) measurements from various information sources. Further collection, analysis and refinement of data and information sources will continue into 2020 and the coming years.

The 2019 Corporate Security Annual Report is expected to provide a detailed review of the past 12 months of security related activities, incidents and event & project summaries. The report is also expected to identify enhancements and growth development through budget projections and City-wide security service alignment.

The CSO is dedicated to contributing towards the City's guiding principals in the Strategic Plan (2016-2025) regarding safety and security in the community and work environment. The Strategic Plan's mission - ***"To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner"***, demonstrates the commitment and importance of safety in the delivery of municipal services.

Vision Statement (Public Works)

As a service delivery member of the Public Works, the CSO supports the department by structuring, analyzing and delivering its services under the Public Works Vision Statement of;

“The Public Works Department supports the City’s vision by providing high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner. The department brings the City’s vision and mission to life through its core services including corporate facility management, infrastructure rehabilitation, roads operations, parks and green space maintenance, transit, and waste management which are essential to the lives of residents and visitors to the City.”

Mission Statement (Energy, Fleet and Facilities Management)

Under the Energy, Fleet and Facilities Management division of Public Works, the CSO builds and services its clients under the division’s Mission Statement of;

“We are Energy, Fleet & Facilities; an engaged and accountable team, connecting our communities by efficiently planning, building, acquiring and maintaining safe, sustainable assets.”

Mandate (Corporate Security Office)

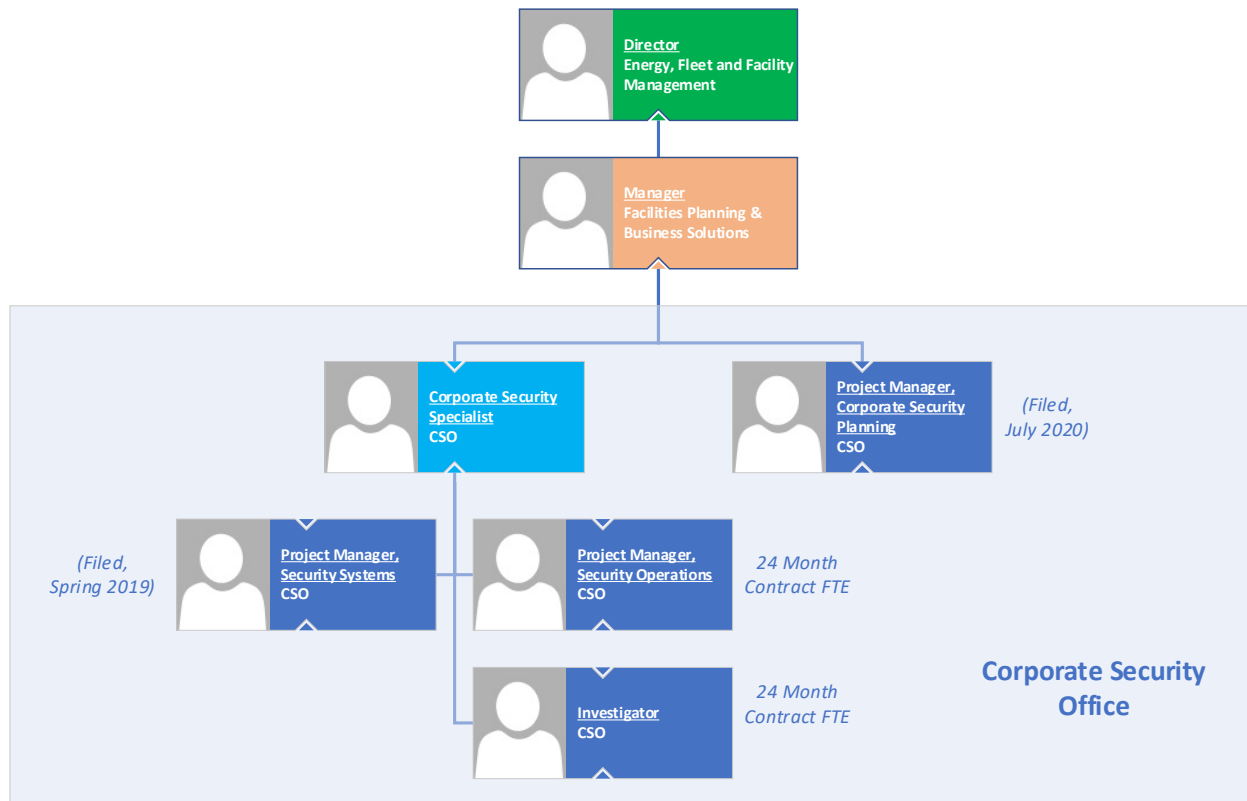
“The Corporate Security Office is committed to providing best in class services to city employees and customers with a focus on ensuring a safe and secure environment for employees and users of its properties and services. The protection of all assets critical to the City’s operations and premises (i.e. people and property) is the primary objective of the Corporate Security Office Mandate.”

Organizational Structure

The CSO team experienced a growth in FTE assignments (permanent and contract) in 2019.

The Project Manager Security Systems joined the team in the Spring of 2019, with the Project Manager Corporate Security Planning joining in July 2020.

There are two remaining 24-month contract positions that are currently in the recruitment process from early in 2020. However due to the unforeseen COVID-19 pandemic and its impacts, these recruitment processes are currently on-hold.



Year in Review

Significant Activities & Events

The CSO is dedicated in providing a safe and secure environment for City of Hamilton employees, assets and visitors to our properties. The types of services that are provided include:

- Security planning services
- Work environment uniformed security guard services at various office locations,
- Sports event based security guard services (i.e. Tim Hortons Field),
- Incident management and investigations,
- Internal physical security consulting with various City divisions,
- Event security planning and execution,
- Security Site Review (SSR) assessments and mitigation recommendations,
- Administration of Access Control and CCTV systems,
- Project management of security system technology installations, and
- Alarm response.

In 2019, the CSO in collaboration with various business stakeholders such as Planning & Economic Development (PED) and Facilities Management, continued in the delivery of various physical security enhancements to the City Hall facility. These security enhancements included technology and tools to support a safe working environment for City staff and the residents who attend the facility for municipal services. The enhancements are based on a 2018 Security Assessment by a 3rd party security consultant. This Security Assessment (1817SM – City Hall) and the recommendations were included as an Information Report (PW19111) in December 2019.

Several physical office environment changes are currently in the design phase, with work expected to take place in 2020 in several public transaction counter areas within City Hall. Specifically, on the 5th and 6th floors, clearly defined separation between public common spaces, and staff restricted areas will be achieved through service counter safety measures and service separation walls. These design changes will provide City staff with additional safety elements in their work environments, while supporting the face to face services at the public counters.

A number of recommendations that have already been completed through to the end of 2019 include;

- Video messaging and information screens in public common waiting areas;
- CCTV enhancements at public transaction counters;

- Duress event notification system expansion (“Blue Lights”) for staff within restricted staff office areas, as well as at public and Point of Sale (POS) locations.

The CSO contributed to the planning and execution of security services to 3 major Summit events held at City Hall in 2019.

The CSO was also involved in the mitigation planning for security and assets protection related to two potential unionized labour disruption events.

The CSO noted an elevated number of increases related to demonstrations and large public gatherings in the City Hall Forecourt during 2019 from 2018.

Previous operational challenges noted in the security industry saw an operational reduction in complaints received by the CSO early in 2019 related to the possession and use of marijuana products with the decriminalization of the product in late 2018. The transition of complaints related to marijuana are now handled under the Smoke Free Ontario Act during regular business and sport event venues.

In 2019, the CSO was engaged in 40 security technology projects, of which 12 were completed. A more in-depth example is captured in the “Project Focus” section of this report.

New City-wide Security Guard Services Contract

In early 2019, the CSO was able to consolidate 3 traditionally separate Security Guard Service contracts into one competitive RFP process. The services originally procured and managed by Facilities Management, Hamilton Water and Ontario Works, were brought together to standardize service delivery practices and related processes and procedures.

The new 5-year (5 x 1-year terms) contract was a successful amalgamation of the original 3 services contracts. Under the remaining terms (2-5), the deployment of all Security Guard Services is now harmonized.

One significant benefit to the City through the new 2019 contract is the hourly bill rates for static coverage at sites that were originally under Facilities Management's 2018 service contract. Hourly bill rates under the RFP have decreased by 28% for several sites, which reduced the 2019 overall operating impacts from the 2018 actuals at the impacted sites.



28 % reduction in hourly bill rates

Under the amalgamation, service hour delivery specifications remained for the most part consistent to the original contracts, with slight enhancements at City Hall, MacNab Terminal and Hamilton Water's 700 Woodward plant. One major enhancement to the overall delivery of the service is the dedicated Mobile Supervisor role. With the introduction of this dedicated service, the City is expected to see a dramatic reduction in specific demand-based services for alarm response calls and proactive patrol requests which were traditionally billed per event and are now captured under an existing service level.

Through the remaining terms of the new contract, service level analysis will continually take place to ensure it is reflective to the actual needs of the various clients and fiscally reflective to the benefit that the service provides the City.

In 2019, the following service hours and costing metrics were performed through static uniformed Security Guard Services under the new amalgamated Security Guard Services contract starting in the month of May;

New City-wide Security Guard Services Contract Metrics					
Site / Location	New or Existing in 2019	2019 Enhancements	Start Date	2019 Service Hours	Average Monthly Cost per Sq./Ft (Note 5)
City-Wide Mobile Supervisor	New		April 29, 2019	5,868	N/A
City Hall	Existing	Note 1	April 29, 2019	8,512	\$0.10
Lister Block	Existing		April 30, 2019	5,900	\$0.13
MacNab Terminal	Existing	Note 2	May 6, 2019	4,940	TBD (Note 3)
POA Courthouse	Existing		April 29, 2019	5,952	\$0.11
Stoney Creek City Hall	Existing		May 6, 2019	1,112	\$0.04
Tim Hortons Field	Existing		April 30, 2019	11,733	\$0.08
Ontario Works Offices	Existing		June 1, 2019	2,367	\$0.07
Water Plant	Existing		October 1, 2019	2,208	TBD (Note 4)

Note 1 – City Hall service enhancement in 2019 includes 2 x Security Guards during business days and evenings, from previous 1 x Security Guard.

Note 2 – MacNab Terminal service enhancement in 2019 includes 24-hour coverage from previous average of 20 hrs. per day.

Note 3 – MacNab Terminal costing requires additional surface area calculations of total serviceable area (Terminal and Platforms). Expected for 2020 Annual Report.

Note 4 – Water Plant costing requires overall surface area and individual structure calculations of total serviceable area (Plant & Buildings). Expected after Capital Project Refresh.

Note 5 – Average monthly cost per square foot is calculated by taking an average monthly bill cost per site, against the identified interior square footage of the applicable building / leased space as documented in the Archibus database at the time of the Annual Report creation.

Municipal Security Networking and Benchmarking

In 2019, a benchmarking report commissioned by the City of Ottawa’s Corporate Security Office regarding comparable municipal Security functions was prepared, to which the City of Hamilton’s Corporate Security Office contributed. This benchmarking report provided great reference to the services that are provided by the City of Hamilton to comparable Canadian municipalities including uniformed security guard services, contracted versus in-house models, costs of services and applicable internal cost allocation as well as policy development and technical scales of services.

Project Focus – City Hall Exterior CCTV Enhancements

Background

The existing security cameras (CCTV) located at the City Hall property were installed during the capital renovation project which was completed in 2010. The CCTV cameras that were installed on the exterior of City Hall were intended to support a general overview of the grounds were reflective of the open market technology capacities and the identified needs of that time for the safety and security of the exterior parking lots and forecourt environments.

Since the renovation of the Forecourt in 2010, the use and enjoyment of the City Hall property by residents of the Hamilton community for municipally based programs and local events have drawn increasing numbers of attendees. In recent years, the City has seen an increased use of the same area for social interests and politically based gatherings by Hamilton residents and guests from other regions of a wide range of ideologies. The inherent requirement for enhanced community safety associated with the use of this public sphere area by various groups, require mitigating measures be applied to support a safe and inclusive use of this space. During major events that occurred specifically in 2018 and 2019, the use of the existing CCTV cameras on the property used to support safety complaint investigations by investigating authorities was found to be challenging based on current equipment limitations.

Scope of Work

There are several existing CCTV camera locations specifically on the upper deck parking lot area that were introduced in recent years and already provide supportive video data for their respective areas and were not included in this project.

The enhancements related to the CCTV cameras primarily on the exterior of the City Hall facility started in early December 2019 and were completed in early January 2020.

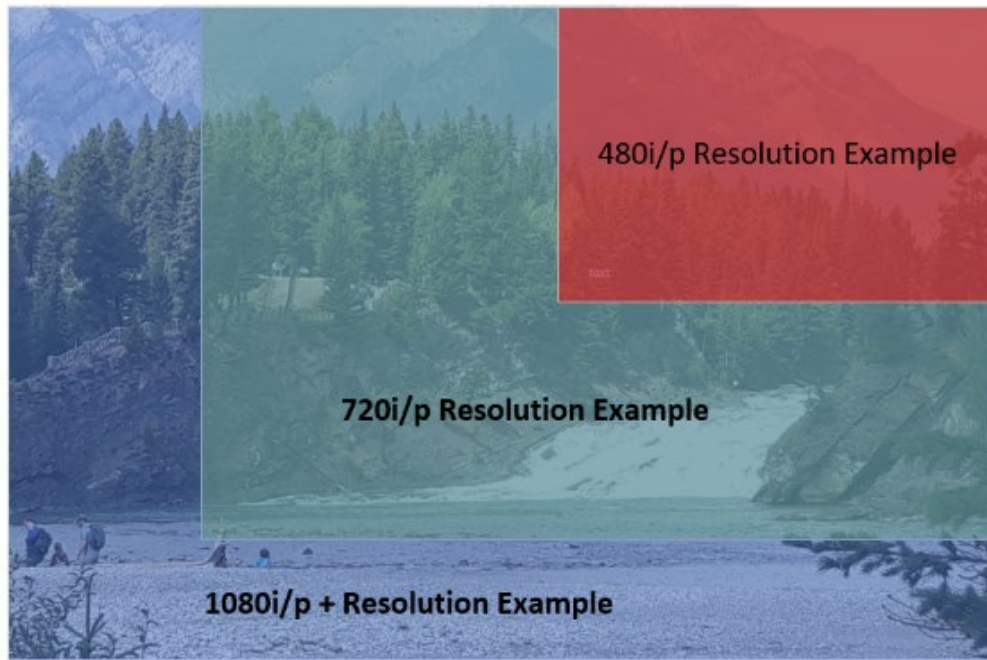
The initial projected cost associated with the enhancements required for the City Hall project were proposed to be \$50,000. The actual capital cost associated with this project was a total of \$51,732.50 (plus HST) and was paid through existing capital accounts.

Project Metrics

During the work, a total of 17 existing camera units were removed, and replaced with 14 new models on the exterior of the City Hall grounds. Of the new camera units, 13 were installed using the existing 2010 cabling infrastructure from the original locations; 4 existing locations were not required to be reused due to the enhancements related to the new camera models providing greater general coverage and pixilation abilities; 1 additional new unit was installed as a new installation located on the CityLAB property adjacent to City Hall to support safety and security of the east pedestrian walkway between the front Forecourt and rear parking lot areas.

The majority of the existing CCTV cameras were providing an image that was recorded at the pixel resolution count of 640x480, through MPEG compression. This image resolution capability was reflective to the standard infrastructure in 2010.

The mixture of new open market camera units that have been installed through this project range in resolution capabilities from 4096x1800 pixels (180-degree views) to 4000x3072 pixels (360-degree views), in H2.64 compression. The enhancements at the camera viewing level have increased in their total general capabilities by 2,300 % and 3,900 % respectively. These increased capabilities provide the City with an increased general coverage canopy size and an increased ability to zoom with detail to support incident analysis.



Annual KPI's and Statistics

What We Report and Why

Documenting and reporting in the security industry is critical to ensure compliance with legislation where applicable, as well to provide factual data to support strong analysis to understand, "***What we are doing?***", "***Where are we doing it?***", and "***How are we doing in delivering these services?***".

It is important to note that the calculation of reported data should not be considered as a sole source of measurement related to the risk, and safety of the buildings and properties that correspond to the data. It is also just as important to note that the reporting should not be considered as a sole source for all incidents that occur on City property, as there are other authorities whose reporting data should be applied for a thorough application as well (i.e. Hamilton Police, Hamilton Fire and Paramedic Services).

In 2019, the reporting of incidents (reactive) and activities (proactive) that were tasked to the CSO and its contracted Security Guard Service provider were collectively documented into one overall database. Beginning in 2020, the CSO will be separating the two specific service deliveries (incidents and activities) to reflect its actual use and value to the City.

Along with incident reporting, activity reporting is an important source of measurement to a security program. This type of data will measure and deliver enhanced services to our clients, in addition to service-based calls. Some of the data related to activity reporting in 2019 includes the proactive patrols of high priority sites City-wide, to increase the visibility and sense of ownership to City properties, that may not be staffed at all times. Some of this information is shown in the KPI section of this report.

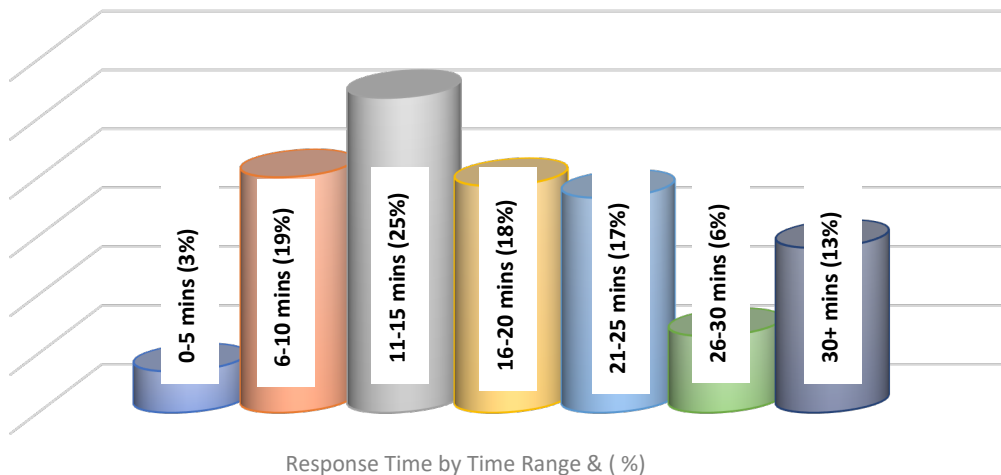
2019 Key Performance Indicators

In providing an alarm response process to the City, it is important to ensure that the dedicated resource(s) assigned to this role are able to provide an acceptable response time, based on various factors such as geographical distance, weather impacts, and call volume. As a base, the CSO has identified an up to 30-minute response time for alarm calls as a standard in the City of Hamilton, based on the factors noted above, and the current resource of 1 vehicle on the road 24 hours a day.

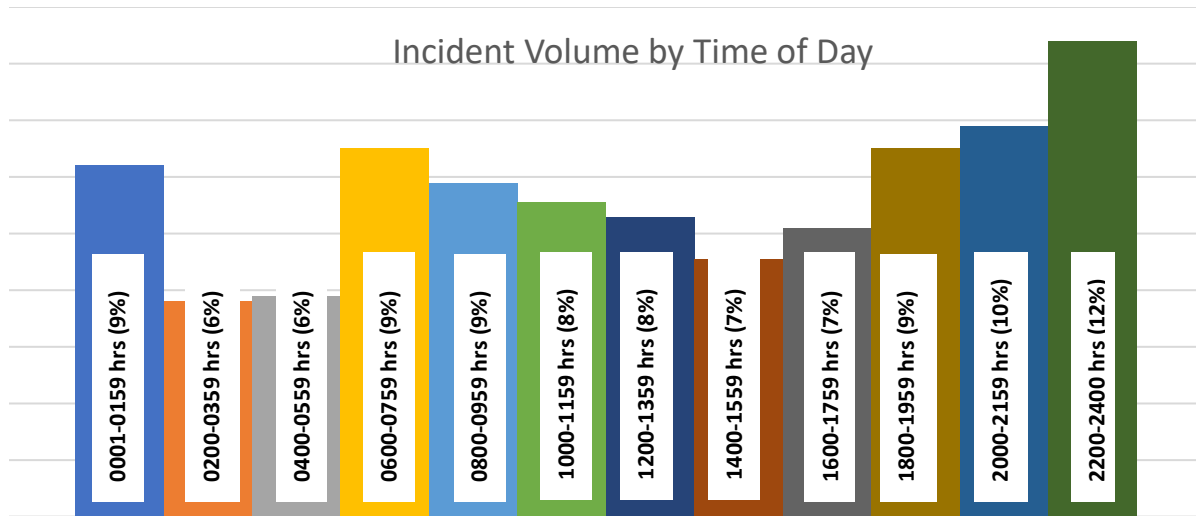


30 Minute or less response time target for alarm response.

In 2019, 88% of the CSO's alarm response calls were able to have an on-site achievement within 30 minutes of the call being dispatched. A further breakdown of the time response is shown below.



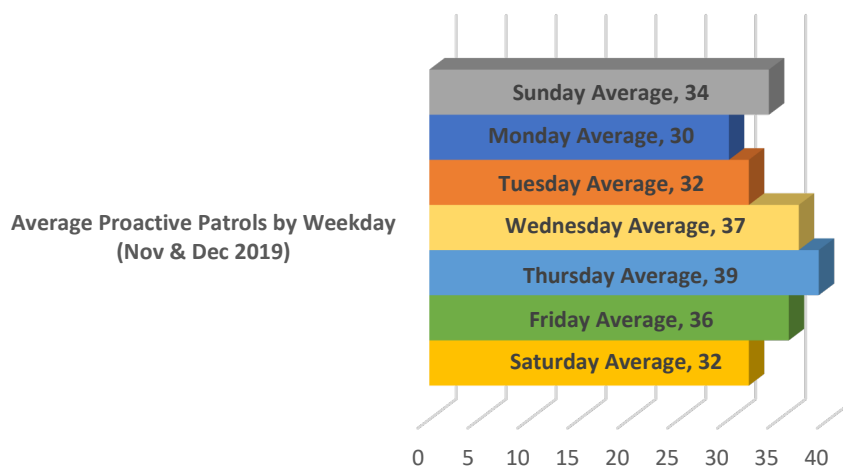
The volume of incidents and what time of day they occur is an important measurement tool to support the alignment of resources based on traditional high-volume call times. In 2019 the highest peak time for incidents to start are from 1800 hours through to 2359 hours. There was also a quick peak time increase in the early morning hours starting at 0600 hours, gradually reducing in the mid afternoon.



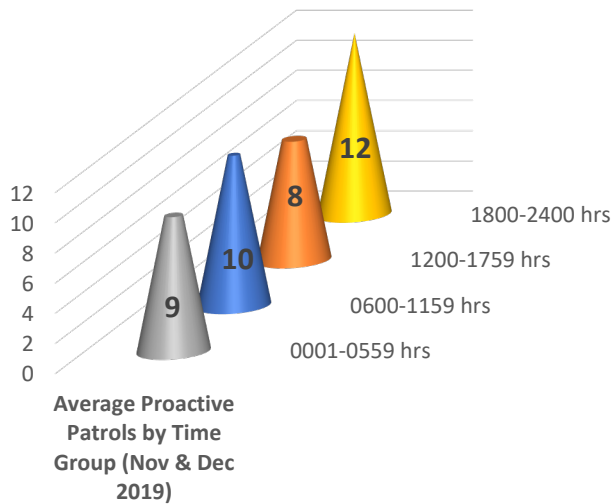
2019 Activities

In 2019, proactive patrols and observations based on the patrols contributed to a significant volume of documented activities. Beginning in November 2019, proactive based patrols were structured and documented using run sheets, allowing for greater control by the City of this resource use, and capturing the actual patrols completed. Between November 1, 2019 and December 31, 2019, over 2,090 individual proactive patrols were completed at specific high priority sites.

In 2019, the CSO, on average, was able to perform the most amount of proactive patrols on Thursdays with Mondays having the lowest average of activities.



In 2019, the time of day that proactive patrol activities took place did not vary greatly, however most patrols on average were completed between 1800-2359 hrs.



2019 Incident Statistics

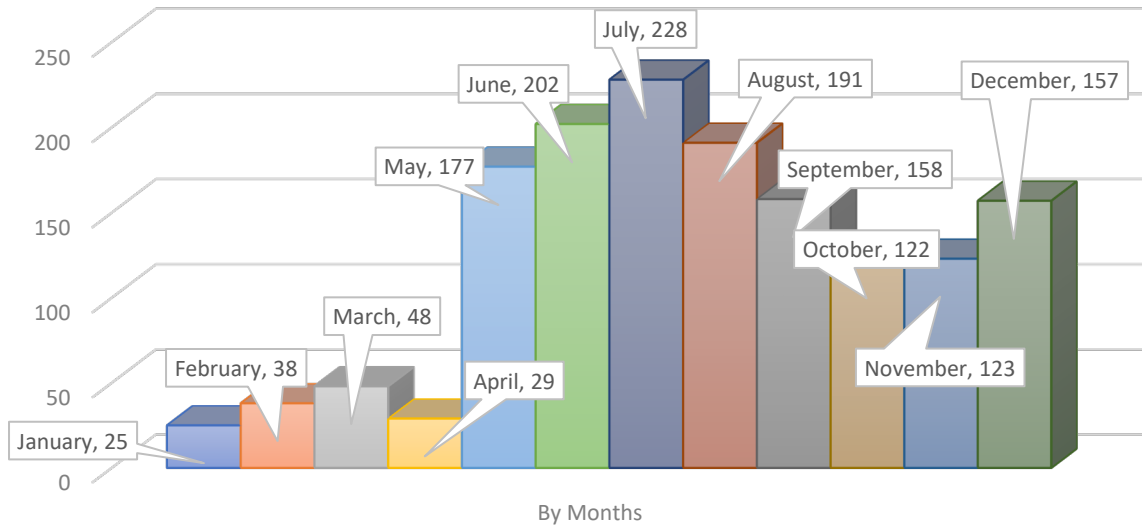
In 2019 the CSO responded to **1,498** service calls City-wide, in addition to the static security guard coverage provided in the contract.

The largest volume (approx. 47% of overall calls) of demand-based calls for the Security Guard Service provider was for **Alarm Response** at **709**. These types of calls include Intrusion / Burglary, Fire and Duress activations. A high-level summary of these calls is shown below.

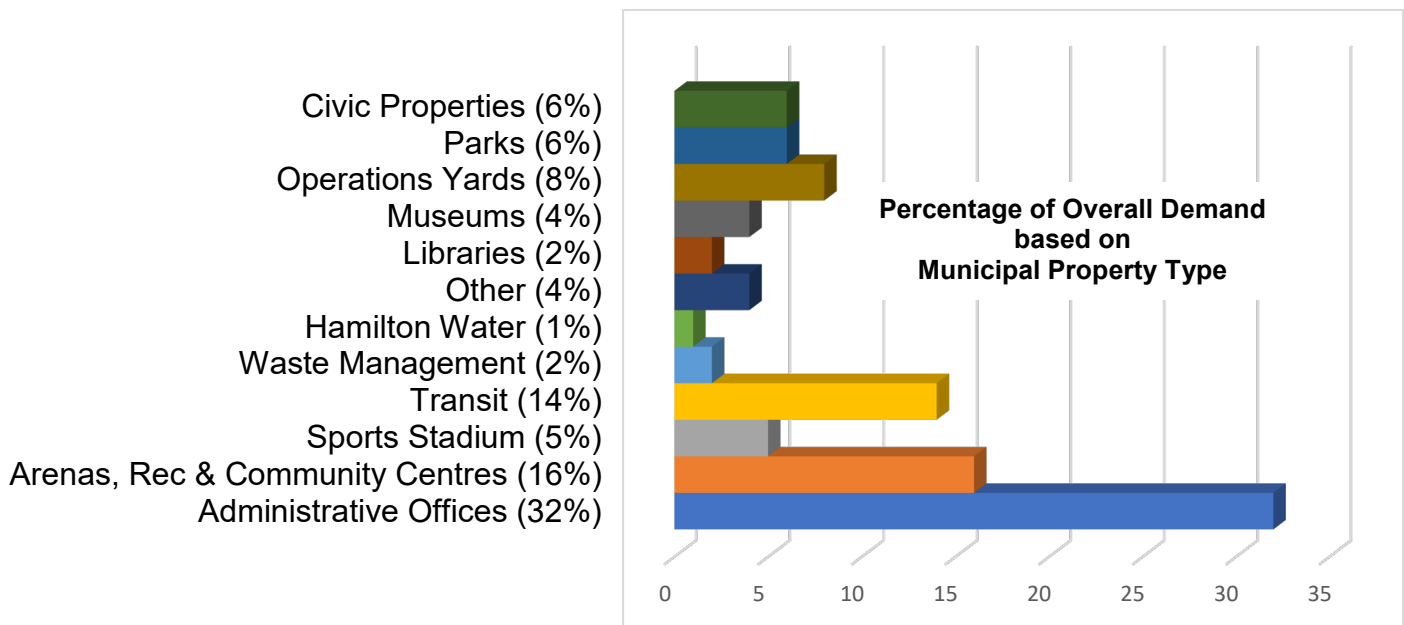
Select Incident Statistics:

Incident Category	Sub-Category	2019 Total
<u>Accidents</u>		<u>29 (2%)</u>
	Motor Vehicle	4
	Personal Injury	24
	Other	1
<u>Alarm</u>		<u>709 (47%)</u>
	Duress / Panic	22
	Fire Alarm	89
	Intrusion / Burglary	587
	Power Failure	3
	Other	8
<u>Assist</u>		<u>31 (2%)</u>
	Police	6
	Staff	8
	Public	17
<u>Criminal Offences</u>		<u>46 (3%)</u>
	Assault	5
	Break & Enter	4
	Graffiti	12
	Theft	7
	Other	18
<u>Disturbance</u>		<u>216 (14%)</u>
	Causing a Disturbance	124
	Mischief / Nuisance	9
	Narcotics / Alcohol Involvement	30
	Smoking / Vaping	6
	Other	47
<u>Trespass to Property</u>		<u>19 (1%)</u>
<u>Other Categories</u>		<u>448 (30%)</u>

The volume of reported incidents increased significantly in May. This increase is attributed to the beginning of the new City-wide Security Guard Services contract, and the centralization of reporting practices and formats. 2020 is expected to provide a full year calculation of the volume reporting. Below you will see the volume distribution per month of incident reports.



The distribution of incident-based services across the spectrum of municipal services is shown below. A break down by percentage of incidents by the municipal service property type is reflected.



Moving Forward – 2020 and Beyond

2020 is shaping up to be a busy year for security and made all the busier by the unforeseen COVID-19 pandemic state of emergency. Additional, security services requirements are expected to continue through to the end of the year. However, in addition to the increased day to day operational demands a number of enhancements and project initiatives are contemplated in 2020 as follows:

City Hall Forecourt Enhancements

Design options are underway to enhance security in the Forecourt including limiting vehicular access to public gathering areas.

Continued Reporting Improvements

As another year of data becomes available in 2020, improved bench marking reporting will continue.

Proposed Capital Budgeting Changes

The current capital funding model for Security related projects involves departments individually making annual capital submissions under different block funds. In 2020, the Corporate Security Office will be presenting a proposed consolidated 10-Year Capital Budget plan for consideration for the 2021 budget deliberation process. This proposal will include creating a single Security block fund. The purpose will be to streamline efficiencies including life cycle management, reporting and asset planning.

The development of the 10-Year Capital Plan includes the consolidation of City-wide security site review recommendations that remain outstanding, as well as ensuring that existing and new infrastructure technologies are implemented to support a sustainable corporate security program through a reliable and seamless service across the organization. Capital funding plan will also include addressing projects related to physical workplace environmental design changes for various City departments. These changes include establishing standards for workplace security using a reasonable approach that balances public accessibility to City services with safety.

Appendix A to this report, is a high-level supplemental reference chart that serves as the foundation of the 10-Year Corporate Security Capital Budget Plan.

Technology Enhancements

In 2020 and into 2021, several technology enhancements are contemplated to enhance communications in the areas of incident management, educational and training resources and reporting tools.

These systems are intended to provide speed and ease in disseminating information related to security allowing for faster response times and data driven decision making.

A Security specific Enet (staff portal) landing page will be developed to make policies, procedures, educational materials and other reference materials readily available to city staff, thereby enhancing general security program awareness.

Strategic Planning Services

A Security Staff Advisory committee will be implemented in 2020 to provide a corporate governance structure that will ensure interdepartmental collaboration with stakeholder input including drawing on subject matter expertise from Health & Safety, Emergency Operations, Business Continuity and Information Technology. This approach will focus on developing Security as service to all city departments, as well as to provide healthy and safe municipal spaces for all to enjoy.

While there are several technology enhancements identified in the 10-Year Capital Plan, in advance of their delivery, Policies and their related Procedures for secure and safe work environments from the CSO will be provided in 2020. These documents and associated training will help build a foundation of trust City-wide by staff, through education and hands on application of various practices through drills and simulations.


Appendix A (10-Year Corporate Security Capital Budget Plan)

FOR INFORMATIONAL REFERENCE ONLY - 10-Year Corporate Security Capital Budget Plan (March 2020)

Locations	Description	Justification	Depts	Total Project \$	1	2	3	4	5	6	7	8	9	10
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Priority #1														
City Wide	Portable Radio Communications	Consultant / Health & Safety	Public Works (EFFM)	\$150,000	\$75,000	\$75,000								
City Hall	Interior Reconfigurations (*Subject to Design Cost Projections)	Consultant / Health & Safety	Various Depts		*									
City Wide	Keyscan Replacement (Keyscan Support ending)	Life Cycle Exceeded, Reliability Risk	Various Depts	\$400,000		\$100,000	\$75,000	\$75,000	\$75,000	\$75,000				
City Wide	Common Video Management Platform	Consultant	Various Depts	\$325,000	\$50,000	\$100,000	\$100,000	\$75,000						
City Hall, Lister Block, Public Health Offices, 330 Wentworth	Lockdown Systems	Consultant / Health & Safety	Various Depts	\$300,000	\$150,000	\$150,000								
Various	Cameras (New Installations)	Consultant / Health & Safety	Various Depts	\$375,000	\$75,000	\$75,000	\$75,000	\$50,000	\$50,000	\$50,000				
City Hall (Forecourt)	Forecourt Safety Mitigation (*Subject to Council Report in 2020)	Consultant / Health & Safety	Various Depts		*									
Various	Signage	Legislated / Consultant	Various Depts	\$25,000	\$25,000									
Priority 1 - Subtotal				\$1,575,000	\$375,000	\$500,000	\$250,000	\$200,000	\$125,000	\$125,000				
Priority #2														
City Wide	City Wide Incident Management System	Consultant	Various Depts	\$150,000	150000									
City Wide	Centralized Security Control	Consultant	Various Depts	\$125,000	\$75,000	\$50,000								
City Wide	Centralized Key Management System	Asset Control / Asset Protection / Reduced Operating Impact	Various Depts	\$200,000	\$50,000	\$50,000	\$50,000	\$50,000						
City Wide	Restricted Physical Lock Management	Asset Control / Asset Protection / Reduced Operating Impact	Various Depts	\$650,000	\$250,000	\$100,000	\$100,000	\$100,000	\$100,000					
City Wide	Centralized Intrusion / Burglary Monitoring / Management	Asset Control / Asset Protection / Reduced Operating Impact	Various Depts	\$225,000			\$75,000	\$75,000	\$75,000					
City Wide	Patrol Management System	Asset Control / Asset Protection / Reduced Operating Impact	Various Depts	\$50,000		\$25,000	\$25,000							
City Wide	Cameras (Life Cycle Refresh >10yrs)	Asset Management / Reduced Operating Impact	Various Depts	\$450,000					\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
City Wide	Video Management Platform (Life Cycle Refresh >10yrs)	Asset Management / Reduced Operating Impact	Various Depts	\$200,000									\$100,000	\$100,000
Priority 2 - Subtotal				\$2,050,000	\$525,000	\$225,000	\$250,000	\$225,000	\$250,000	\$75,000	\$75,000	\$75,000	\$175,000	\$175,000
Capital Requests (Priority 1 & 2) Totals				\$3,625,000	\$900,000	\$725,000	\$500,000	\$425,000	\$375,000	\$200,000	\$75,000	\$75,000	\$175,000	\$175,000



INFORMATION REPORT

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Clean Harbour Outreach Program (PW16054(a)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Deborah Goudreau (905) 546-2424 Ext. 4606
SUBMITTED BY:	Nick Winters Director, Water and Wastewater Operations Public Works Department
SIGNATURE:	

COUNCIL DIRECTION

In June 2016, Council approved establishment of the Clean Harbour Outreach Program (PW16054). The program consisted of two elements:

1. A study to identify opportunities for reducing the discharge of medical waste and personal care products into the harbour. This study should endeavour to determine the source of the pollutants and develop strategies for eliminating these events; and,
2. Develop a community outreach program to raise awareness of the adverse effects of sewage overflows into the harbour and the environment, the unique operations of the Hamilton combined sewage system and with an emphasis on the role homeowners can play in reducing these occurrences through their own actions at home.

INFORMATION

This report is an update to the Public Works Committee on the work attributed to the Clean Harbour Outreach Program.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

SUBJECT: Clean Harbour Outreach Program (PW16054(a)) (City Wide)
- Page 2 of 5

1) Floatable Study

Hamilton Water staff worked with Cole Engineering Group Ltd. (Cole) to conduct a floatable waste study that consisted of the following activities:

- a. An assessment of the City's current practices and procedures with respect to control and management of floatable waste;
- b. An evaluation of the combined sewer system's operation and performance;
- c. Identification of municipal best practices in the reduction of floatable material discharge and accumulation; and,
- d. Field inspections and monitoring which included:
 - Inspections at accessible Combined Sewage Overflow (CSO) outfalls;
 - Catch basin inspections in identified hotspots for use and disposal of syringes and hypodermic needles;
 - Temporary boom installations at select CSO outfalls to monitor debris accumulations, in addition to monitoring pre-existing permanent boom installations; and,
 - Inspections to determine site specific recommendations based on the unique characteristics of each CSO outfall.

The Floatable Study was finalized in 2020 with multiple non-technical and technical recommendations made to improve practices and procedures with respect to control and management of floatable waste. Staff are working to implement the following actions:

Non-Technical Actions	
Recommended Action	Status
Installation of signage at all CSO outfall locations with City contact information and Public Health warnings.	Complete as of June 2020.
Installation of signage to further educate residents about Hamilton's combined sewer system.	Educational signage at Bayfront Park will be installed by the end of August 2020.
Continue public education programming related to the reduction of floatable waste in the Harbour (e.g. Yellow Fish Road Program, Team Up to Clean Up initiative).	Implemented and ongoing.

SUBJECT: Clean Harbour Outreach Program (PW16054(a)) (City Wide)
- Page 3 of 5

Implement an outreach campaign to educate the public about Hamilton's combined sewer system and the impact of non-flushable waste and litter on public infrastructure and the environment.	The 'Own Your Throne' campaign was launched in November 2018. A summary of activities and outcomes is found in section two (2) of this report.
Implement an outreach program for schools focused on syringes/sharps and their impact on the environment.	Strategies for proper syringe/sharp disposal are delivered through multiple Public Health programs such as the Community Sharps Disposal Bins, the Van Program, the Community Points Programming, and the Harm Reduction Program. Educational resources are being developed to target inappropriate syringe/sharp disposal.
Install sharps containers in washrooms at parks that have been identified as hotspots for the use and disposal of syringes/sharps.	Public Works (Parks) and Public Health Services have developed a pilot project to install Community Sharps Disposal Bins in eight (8) downtown parks. As of December 2019, containers had been installed in seven (7) parks and evaluation of the program is ongoing

Technical Actions	
Recommended Action	Status
For all CSO outfalls, develop a periodic and post-event inspection process.	In progress on track for completion in 2020.
For all CSO tanks create a tracking log for tank washes and inspection of floatable control features (baffles).	Implemented and ongoing.
Expand Hamilton Water's boom program to include four (4) new seasonal booms at the Birch, Plymouth, Ottawa and Dunn CSO outfalls and evaluate effectiveness.	Outside of the scope of this study a seasonal boom has been installed in Chedoke Creek downstream from the Main/King CSO tank outfall. Installation of the Birch, Plymouth, Ottawa and Dunn booms is underway with completion anticipated in 2020 and the performance will be evaluated in 2021.

SUBJECT: Clean Harbour Outreach Program (PW16054(a)) (City Wide)
- Page 4 of 5

2) Community Outreach Program

In 2016, initial steps were taken to educate residents about the Clean Harbour Program. Website content was developed, and several pages were dedicated to highlighting the program including videos, an interactive map and project updates.

The website www.hamilton.ca/CleanHarbour touches on many projects that contribute to the overall health of Hamilton Harbour. For example, the website outlines:

- The history and value of the harbour to the Hamilton community;
- The City's actions over the last 30+ years in support of Harbour restoration;
- Descriptions of operating systems;
- Actions residents can take to mitigate Harbour pollution; and,
- Project updates related to the \$340 million Woodward Upgrade Project.

In 2017, Hamilton Water initiated the development of a formal outreach and marketing campaign. The focus of the campaign was to raise awareness of the adverse effects of floatable waste in the natural environment, the City's wastewater infrastructure, and to increase knowledge of flushable versus non-flushable materials.

In November 2018, Hamilton Water launched the 'Own Your Throne' outreach and marketing campaign with the tagline "Only Flush the 3Ps - pee, poo and toilet paper." The intended goal was to motivate behavioural change to improve the following:

- Reduce the number of wastewater system repairs and maintenance costs;
- Extend the longevity of wastewater infrastructure;
- Work toward de-listing Hamilton Harbour as an Area of Concern; and,
- Help residents avoid costly personal repair bills from flooding and pipe damage on private property.

The campaign was met with instant enthusiasm from audiences. Due to its unique style and humorous tone, the campaign captured attention from all over the City and beyond. An example of one of the campaign's advertisements is attached as Appendix "A" to Report PW16054(a).

A suite of outreach strategies and tactics were utilized throughout the campaign including a dedicated webpage (www.hamilton.ca/OwnYourThrone), video creation, and various ads (digital, billboards, media).

In support of these tactics there were multiple opportunities for direct connection with residents through outreach activities. Hamilton Water staff participated in the numerous

SUBJECT: Clean Harbour Outreach Program (PW16054(a)) (City Wide)
- Page 5 of 5

events with direct 'Own Your Throne' messaging including: eco-fairs held at schools and public events such as the Hamilton Bulldogs Games.

Prior to the campaign's launch a pre-survey was issued. The survey asked questions relating to bathroom behaviours and awareness of the proper items to flush down the toilet. After the campaign concluded, the same survey was conducted to determine behavioural changes. All areas surveyed saw a positive behavioural change. Two striking results included a 67% increase in awareness that it costs taxpayers money every time a sewer clog needs to be fixed and a 100% increase in awareness that things flushed down your toilet can make it to Hamilton Harbour.

Based on the success and momentum of this campaign, staff are currently in the development stages of a campaign focused on proper disposal of fats, oils and greases - all of which has a direct impact on the proper function of our wastewater infrastructure.

In addition to the local success, the campaign also received two prestigious communications awards in 2019, the IABC Gold Quill Award of Merit under the Government Communication Programs category and a Gold Hermes Creative Award in the Communications/Marketing Campaign category.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report PW16054(a) - Sample 'Own Your Throne' Advertisement

Sample 'Own Your Throne' Advertisement

HAMILTON, THERE ARE SOME NEW HEROES IN TOWN

Did you know? Only the 3Ps (pee, poo and toilet paper) are safe to flush down your toilet. Help defend your throne with Richard the Turd, Sir Peeter and the Duchess of Swirl. Keep everything else out of your pipes.



Learn more at hamilton.ca/OwnYourThrone





Hamilton

PW16054(a)
Item 7.1

Clean Harbour Outreach Program

August 12, 2020

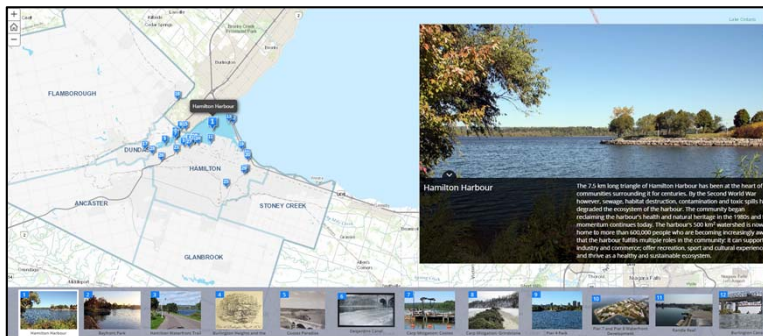
Public Works Department
Hamilton Water Division

Council Direction

In June 2016, Council approved establishment of the Clean Harbour Outreach Program (PW16054). The program consisted of two elements:

1. A study to identify opportunities for reducing the discharge of medical waste and personal care products into the harbour. This study should endeavour to determine the source of the pollutants and develop strategies for eliminating these events; and,
2. Develop a community outreach program to raise awareness of the adverse effects of sewage overflows into the harbour and the environment, the unique operations of the Hamilton combined sewage system and with an emphasis on the role homeowners can play in reducing these occurrences through their own actions at home.

Outreach Program



To keep residents informed of our progress the Clean Harbour Program webpages were developed and outline the following:

- The history and value of the harbour to the Hamilton community;
- The City's actions over the last 30+ years in support of harbour restoration;
- Descriptions of operating systems;
- Actions residents can take to mitigate harbour pollution; and,
- Ongoing project updates related to the Woodward Upgrade Project.

www.Hamilton.ca/CleanHarbour

Floatable Study

Cole Engineering Group Ltd. was contracted to complete a floatable waste study, which included:

1. A baseline assessment of current practices and procedures with respect to floatable waste;
2. An evaluation of the current sewer system's operation and performance;
3. Identification of municipal best practices in the reduction of floatable material discharge and accumulation;
4. Field inspections and monitoring which included:
 - Surface level inspections at accessible CSO outfalls
 - Catch basin inspections
 - Temporary booms installations at the Birch, James and Eastwood outfalls
 - Site specific recommendations based on the unique characteristics of each outfall

Study was finalized in 2020 and included a number of non-technical and technical recommendations.



Improved CSO Signage



Non-Technical Actions

Community sharps disposal bins



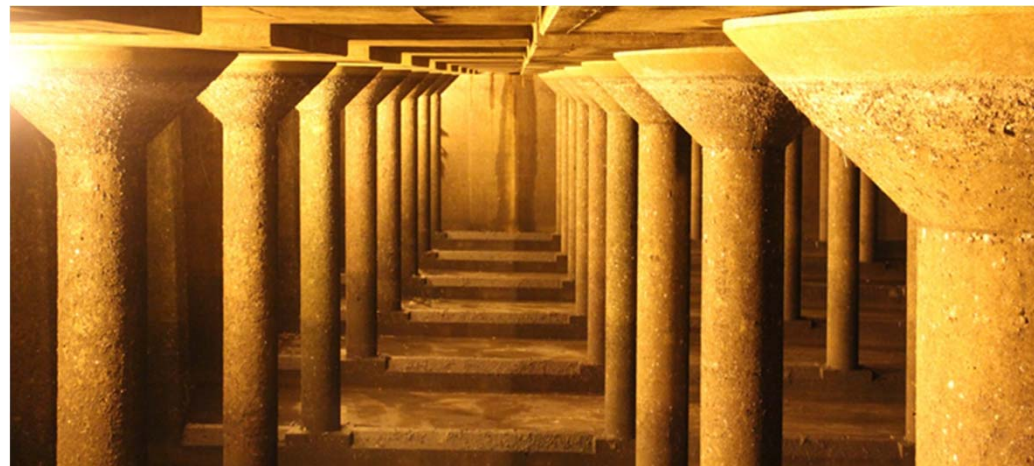
Continued support of programs that reduce floatable waste

Technical Actions - Inspections



Periodic and post-event inspections of CSO outfalls

Improved logging and inspections at CSO tanks



6

Technical Actions – Enhanced Boom Program (Pilot)



Timeline: Pilot completion in 2021

7

OWN
YOUR
THRONE

Own Your Throne – Key Messages

- 1) Only the 3Ps are safe to flush
- 2) Flushing anything else can damage the harbour and shoreline
- 3) Flushing anything else can damage your home and cost you money in repairs
- 4) The City of Hamilton spends time and money repairing infrastructure when anything else is flushed



HAMILTON, THERE ARE SOME NEW HEROES IN TOWN

MEET THE 3Ps

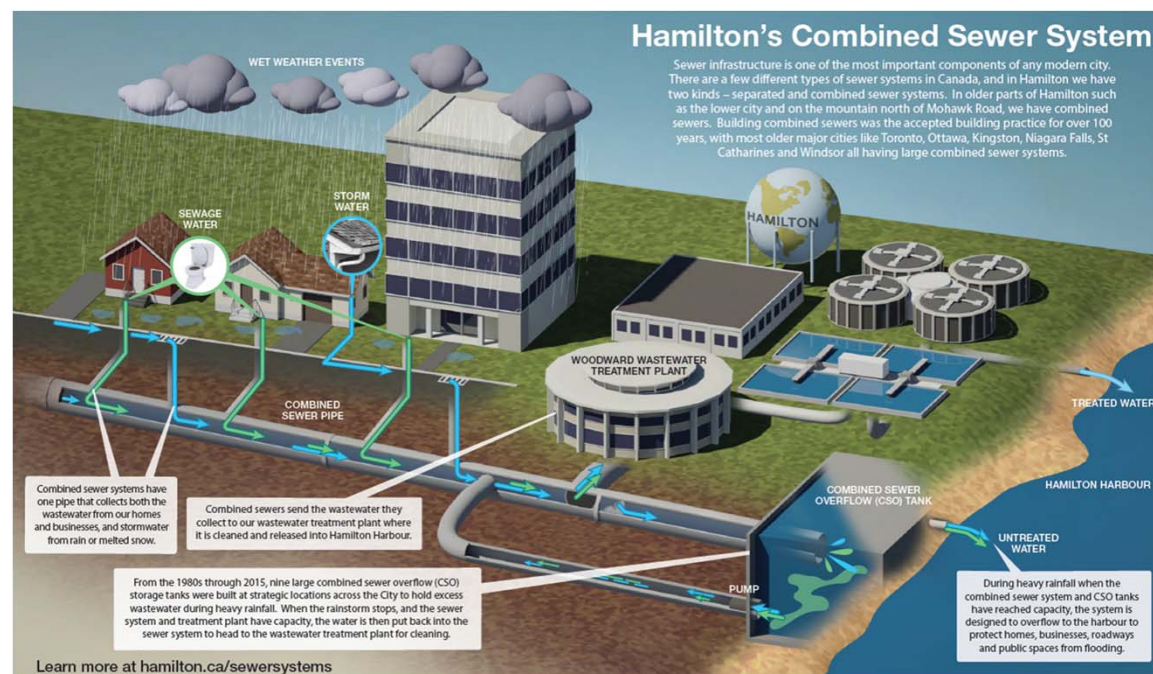
#OwnYourThrone

Learn more at hamilton.ca/OwnYourThrone

Did you know?

Disposable wipes are made of tough, durable materials that don't break down in the sewer system. Even if your wipes state they are flushable, they can still create clogs that damage your home's pipes and the City's wastewater infrastructure. Instead, keep all wipes out of your pipes and toss them in the waste bin.

Only flush the 3Ps – pee, poo and toilet paper.



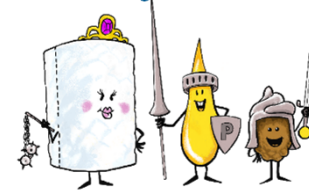
Outreach Activities

- World Water Day Eco-Challenge - (2019)
- Water Week: Sustainability Day - McMaster University (2018 & 2019)
- Youth Eco Summit - Mohawk College (2018 & 2019)
- Doors Open Hamilton (promoted at 2 locations - 2019)
- Eco-Fairs within the Hamilton Wentworth Catholic District School Board (2019)
- GameJam at CityLabs in collaboration with Mohawk College - (2019)
- Public Works Day - Bulldogs Game (twice in 2019)
- Future City Builders - McMaster University (2019)
- H2O Forum hosted by Bay Area Restoration Council and Hamilton Port Authority (2019)
- Mayor's New Year Levee - 2020





Survey Results



- 67% increase in awareness that it costs taxpayers money every time a sewer clog needs to be fixed
- 100% increase in awareness that things flushed down your toilet can make it to Hamilton Harbour
- 23% increase in awareness that disposable wipes are not designed to be flushed
- 9% increase in awareness that disposable wipes can cause clogs in the sewer system
- 63% increase in acceptance that “flushable” labelled products are not flushable
- 48% increase in acceptance that food waste is not flushable
- 48% increase in knowledge of acceptable flushable materials
- 43% increase in number of respondents who indicated they do not flush disposable wipes at all
- 20% increase in number of respondents who only flush the 3Ps

12

Awards



Hermes Gold Award Communications/Marketing Campaign

Sneak Peak



14

Questions?

Resources:


www.Hamilton.ca/CleanHarbour

www.Hamilton.ca/OwnYourThrone

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CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Environmental Services Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Cosmetic Pesticide Ban (PW20051) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	John Perrotta (905) 546-2424 Ext. 4402
SUBMITTED BY:	Craig Murdoch Director, Environmental Services Public Works Department
SIGNATURE:	

RECOMMENDATION

That the City of Hamilton continue the practice of not using pesticides in the 69 Municipally owned cemeteries operated by the Cemetery Section of Environmental Services, Public Works Department.

EXECUTIVE SUMMARY

On May 1, 2020, an Information Update was provided to Council advising that the Province of Ontario amended the Pesticides Act, Ontario Regulation 63/09. The amendment is found under Ontario Regulation 134/20. Cemeteries were included in the amendment and added to the list of excepted entities to allow the use of pesticides for cosmetic purposes.

The Information Update advised that Hamilton Municipal Cemeteries would not be exercising the option to use pesticides on Cemetery properties permitted under Ontario Regulation 134/20. The Information Update also advised that staff report back to Council with recommendations, including information on potential environmental impacts, associated costs, impact on Cemetery operations if pesticide use was recommended and the results of an industry scan.

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SUBJECT: Cosmetic Pesticide Ban (PW20051) (City Wide) - Page 2 of 6

Alternatives for Consideration – See Page 6**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: There are no financial implications associated with the recommendation in this report.

Staffing: There are no staffing implications associated with the recommendation in this report.

Legal: There are no legal implications associated with the recommendation in this report.

HISTORICAL BACKGROUND

The City of Hamilton passed By-law No. 07-282 on September 26, 2007, limiting the use of pesticides to address public concern for the environmental well-being of the City and the health and safety of residents. This By-law allowed some exemptions such as golf courses and line marking on sports fields; however, Cemeteries were not exempt.

The Pesticides Act and Ontario Regulation 63/09 came into effect on April 22, 2009. This regulation prohibits the use and sale of pesticides that may be used for cosmetic purposes and took the place of existing by-laws bringing consistency across the Province. The Pesticides Act and Ontario Regulation 63/09 provide the provincial framework to regulate pesticides to protect human health and the natural environment. The amendment that came into effect on May 1, 2020 specific to Cemeteries can be found in Ontario Regulation 63/09, Section 27. This amendment defines the use of a pesticide in, on or over land to maintain turf on a lot in a cemetery as an acceptable prescribed use. The terms “lot” and “cemetery” are defined by their meaning under the Funeral, Burial and Cremation Services Act, 2002. Conditions on the use of pesticides include training in Integrated Pest Management and producing an annual report of pesticide use to the Ministry of the Environment, Conservation and Parks.

In December 2019, amendments to the Pesticides Act and Ontario Regulation 63/09 received Royal Assent and came into effect on May 1, 2020. The general cosmetic pesticides ban was retained, including existing exceptions and Cemeteries were added as an exception to the use of cosmetic pesticides.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

N/A

SUBJECT: Cosmetic Pesticide Ban (PW20051) (City Wide) - Page 3 of 6

RELEVANT CONSULTATION

Staff consulted with the Cities of Niagara Falls, Cambridge, Waterloo, Norwich, Kitchener, and Oakville, and these municipalities advised that the use of pesticides in municipally operated Cemeteries will not be permitted. The City of Kitchener advised that they are undecided at the present time but may allow the use of pesticides under certain restrictive circumstances.

ANALYSIS AND RATIONALE FOR RECOMMENDATION

Hamilton Municipal Cemeteries maintains 496 acres of Cemetery land, of which 357 acres are surveyed for burial use (lots) and would be permitted for pesticide turf maintenance under the amendments of the Pesticides Act and Ontario Regulation 63/09. The exemption allows only for cosmetic pesticide use on lots, and not on the surrounding green spaces.

Environmental Impacts:

The pesticides that are now permitted within Cemeteries under the Act have been researched and tested and have been found to have a level of toxicity that could impact the natural environment or human health and could potentially pose a threat to the naturally occurring pollinator plants in Cemeteries and contribute to the declining pollinator population in the City.

In February 2020, the City of Hamilton became the 39th Bee City in Canada. The Bee City designation program is a North American movement to support pollinator protection, and to reduce and eliminate chemicals that are harmful to pollinators, our food system and the planet. As part of becoming a Bee City, the City of Hamilton has committed to creating healthier pollinator habitats in the community for the protection of bees and other pollinators, educating the public about the importance of pollinators, and a yearly commitment to celebrate all the community gardens/initiatives. Hamilton Municipal Cemeteries are contributing to this program through the yearly planting and maintenance of pollinator gardens throughout our cemeteries, additionally all the dandelions, while not aesthetically desirable, do contribute to pollinator populations survival.

Impact on Cemetery Operations:

The operational maintenance of Cemetery lots would be the same frequency of mowing whether pesticides were applied or not. It would only optically provide a more aesthetic appearance applying the pesticides as the dandelions would be controlled in the spring. The application of pesticides would have contractual costs as detailed below.

SUBJECT: Cosmetic Pesticide Ban (PW20051) (City Wide) - Page 4 of 6

Financial Impacts:

It has been determined that the use of a certified contractor would be the most operationally feasible method of applying cosmetic pesticides. Using internal staff would require a single unfunded capital cost of \$3,000 to purchase equipment; however, operational maintenance costs over the life expectancy of the equipment would also be incurred. Additional operating costs would be required for staff to obtain licencing from a certified Integrated Pest Management (IPM) body, as approved by the Ministry of the Environment, Conservation and Parks. It is estimated that the amount of time required to apply the cosmetic pesticide would be 2 acres per hour, not including travel time, and site preparation. Based on this estimate, it would require 14 working days for two staff members to apply pesticides on surveyed burial lots, both in the Spring and Fall, impacting the number of staff available for our standard level of service. Both Spring and Fall maintenance demand a full complement of staff and therefore, the pest management program could not be absorbed, resulting in additional FTEs and supporting equipment being required.

Table 1 below outlines an estimate of the per acre cost to spray cosmetic pesticides by a certified contractor. The true cost would be determined by the amount of turf to be serviced by hand compared to a ride on method, the amount of open space, obstacles, upright memorials and their spacing, as well as the grade of the ground to be serviced. The estimated cost for a contractor to apply a cosmetic pesticide on burial lots would require an annual increase in the Cemeteries operating budget, contractual services account, based on the below scenarios:

Table 1

Cemetery Type	Acreage	Cost Per Acre	Number of Annual Applications	Total Annual Increase in Contractual Services
All active and inactive cemeteries	357	\$120.00	2	\$85,680.00
Active cemeteries only	283	\$120.00	2	\$67,092.00

The Parks and Cemeteries Section is not recommending an increase to the annual operating budget to support the use of cosmetic pesticides.

Industry scan:

An industry scan of neighbouring municipal cemeteries found that the Cities who responded will not permit the use of pesticides in their municipally operated Cemeteries even though amended Pesticides Act and Ontario Regulation 63/09 now permits it.

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SUBJECT: Cosmetic Pesticide Ban (PW20051) (City Wide) - Page 5 of 6

Table 2 below outlines the municipalities that responded to our request for information, the number of cemeteries they operate and the rationale for why they would not be using pesticides cosmetically.

Table 2

Municipality	Number of Municipally Owned Active Cemeteries	Exercising option to allow cosmetic use of pesticides	Rationale
City of Cambridge	4	No	No rationale provided
City of Waterloo	2	No	City Council approved a strategic plan citing an effort to strive to reduce environmental impacts and spraying pesticides would be counter intuitive
City of Niagara Falls	4	No	City of Niagara Falls is a Bee City and the use of pesticides would pose a threat to the pollinator gardens in Parks and Cemeteries throughout the City.
Township of Norwich	4 (9 inactive)	No	The Township does not use pesticides, due to any potential health hazards, on any of our sports fields or greenspaces, unless noxious weeds are present, such as hog weed or poison ivy, etc.
Town of Oakville	2	No	Against Town of Oakville's by-law. Use IPM program to control weeds.
City of Kitchener	5 (1 inactive)	Undecided	Using an IPM program, we are not recommending pesticides for general turf maintenance, however we may recommend glyphosate for overgrown perennial beds.

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SUBJECT: Cosmetic Pesticide Ban (PW20051) (City Wide) - Page 6 of 6

ALTERNATIVES FOR CONSIDERATION

If Council wishes to allow pesticide use on Cemetery lots, we could consider applying it to all Cemeteries or to only the premier sites. The associated costs would need to be approved as an enhancement to the Cemeteries operating budget.

Financial: For all Cemeteries to be treated with pesticides an enhancement of \$85,680.00 for Contractual costs would need to be added to the Cemetery base operating budget; for only premier cemeteries to be treated with pesticides an enhancement of \$67,092.00 would be required.

Staffing: Contractor project management would be absorbed by current staffing levels.

Legal: There are no legal implications associated with this alternative.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**Healthy and Safe Communities**

Hamilton is a safe and supportive City where people are active, healthy, and have a high quality of life.

Clean and Green

Hamilton is environmentally sustainable with a healthy balance of natural and urban spaces.

Our People and Performance


Hamiltonians have a high level of trust and confidence in their City government.

APPENDICES AND SCHEDULES ATTACHED

Not applicable.



CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Hamilton Water Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Nick Winters (905) 546-2424 Ext. 1474
SUBMITTED BY:	Andrew Grice Director, Hamilton Water Public Works Department
SIGNATURE:	

RECOMMENDATION

- (a) That the standardization of the products, services, manufacturers and distributors identified in Appendices "A", "B" and "C" to Report PW20054 pursuant to Procurement Policy #14 - Standardization and as the single source of supply for the listed equipment, parts, supplies and services for the Hamilton Water Division be approved;
- (b) That the General Manager of Public Works, or their designate, be authorized to negotiate, enter into and execute any required Contract and any ancillary documents required to give effect thereto with those suppliers identified in Appendices "A", "B" and "C" to Report PW20054 with content acceptable to the General Manager of Public Works, and in a form satisfactory to the City Solicitor; and,
- (c) That the General Manager of Public Works, or their designate, be authorized to amend any Contracts executed and any ancillary documents as required in the event that a service provider, manufacturer, or distributor identified in Appendices "A", "B" or "C" to Report PW20054 undergoes a name change in a form satisfactory to the City Solicitor.

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SUBJECT: Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide) - Page 2 of 5

EXECUTIVE SUMMARY

The Hamilton Water Division has a multitude of complex systems that consume a high volume of equipment, parts, supplies and services in order to maintain the facilities in a state of operability and good repair. This satisfies a number of goals related to legislative compliance, continuity of operation, health and safety, cost-efficiency, productivity and return on investment.

When facilitating the design and construction of new infrastructure, Hamilton Water strives to ensure that all equipment, parts, supplies and services that are identified in Appendices “A”, “B” and “C” to Report PW20054 are originally procured through the competitive bidding process.

The supplier base for upgrading, repairing and retrofitting existing water and wastewater infrastructure is widespread and complex. Procurement Policy #14 provides guidelines for standardization that streamline the process to purchase the materials, services and equipment required to service existing infrastructure and maintain regulatory compliance of our water and wastewater systems.

Purchasing equipment, parts, supplies and services through Policy #14 will ensure the compliance with current Procurement Policies, provide transparency of the procurement process, and control cost of replacement components. It will also further reduce the amount of staff time required to prepare Procurement Policy #11s (single or sole source) for all of the suppliers listed in Appendices “A”, “B” and “C” to Report PW20054.

The Procurement Policy requires an annual approval for each vendor when:

- There is only one source for supply of particular goods and/or services in the open market (sole source);
- A single source for the supply of a particular good and/or service is being recommended because it is more cost effective or beneficial for the City (single source).

The purpose of this report is to seek approval for the standardization of Hamilton Water equipment, parts, supplies and services as outlined in Appendices “A”, “B” and “C” to Report PW20054.

Alternatives for Consideration – See Page 4

SUBJECT: Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide) - Page 3 of 5

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: Appendices “A”, “B” and “C” to Report PW20054 list the products and services recommended for standardization. From 2017 through 2019, the combined expenditures relative to these vendors has averaged \$3.78M annually. Budget for these purchases are approved each year in the Water Wastewater and Storm Rate Budget.

Staffing: The approval of the recommendations contained within this report significantly reduce the amount of time spent on administrative work procuring goods and services

Legal: There are no legal implications associated with this report.

HISTORICAL BACKGROUND

Hamilton Water infrastructure includes the Woodward Water Treatment Plant, Woodward Wastewater Treatment Plant, Dundas Wastewater Treatment Plant, the Environmental Laboratory and 170 outstations, which represent more than 35,000 individual pieces of equipment and includes a vast number of individual components. The total asset replacement value for all Hamilton Water infrastructure including sewers, watermains and storm water management facilities is estimated to be approximately \$10 billion.

The supplier base for upgrading, repairing and retrofitting existing water and wastewater infrastructure is widespread and complex. Suppliers must use various strategies and networks of distribution to have equipment, parts, supplies and services available to their customers. This includes suppliers with exclusive distribution rights to geographical areas, various levels of pricing according to whether the supplier has redistribution rights, or whether the supplier is considered a service provider or an end user.

Hamilton Water has previously undertaken Original Equipment Manufacturer (OEM) approval under Procurement Policy #11 for equipment, parts, supplies and services. In most cases there is no known aftermarket for parts and supplies available, or the OEM representative is the only source of specialized testing equipment and knowledge.

By allowing the standardization of equipment, parts, supplies and services Hamilton Water can ensure they have inventory of the specific makes and models required to allow for direct replacements (like for like) without having to modify electrical or piping configurations for equipment, as may be the case if aftermarket products were purchased. Modifications in most cases can be expensive as they

SUBJECT: Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide) - Page 4 of 5

may require additional parts, labour, and engineering drawings.

By standardizing equipment, parts, supplies and services under the Procurement Policy #14, staff reduce the number of units in the inventory as the equipment can be quickly procured when required. This streamlines repairs and maintenance work and reduces down time which has a direct impact on our customers.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

The City of Hamilton Bylaw #17-064 - Procurement Policy, Policy #14, Section 4.14, allows for standardization.

RELEVANT CONSULTATION

These recommendations are the result of consultation with the Procurement Section of the Financial Services Division to ensure adherence to the Procurement Policy.

ANALYSIS AND RATIONALE FOR RECOMMENDATION

The selection of parts and supplies to replace existing equipment or components that have reached the end of their service life has been given considerable attention. Hamilton Water seeks to improve the efficiency and productivity of operations, while maintaining stable functionality and acceptable health and safety standards. Providing components that are not compatible or have questionable reliability may distract staff from performing the work safely and exposing them to unnecessary hazards.

Through a variety of sources including trade shows, periodicals, other municipalities, sales representatives and industry organizations, the market place will be monitored for new industry practices and suppliers to ensure the recommended brands and sources of supply contained in this report remain current and, in the City of Hamilton's (City) best interest and in compliance with the Procurement Policy.

ALTERNATIVES FOR CONSIDERATION

An alternative to the recommendations in this report is to revert back to completing Procurement Policy #11 forms for each and every vendor included in the Appendices of this report; however, it is not recommended as this practice requires an inordinate amount of staff time to complete; whereas the recommendations in this report achieves the same objective.

SUBJECT: Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide) - Page 5 of 5

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement and Participation

Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.

Built Environment and Infrastructure

Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” to Report PW20054 - Parts, Supplies, Equipment and Services for the City of Hamilton Environmental Laboratory.

Appendix “B” to Report PW20054 - Parts, Supplies, Equipment and Services for Plant Operations and Plant Maintenance and Technical Services.

Appendix “C” to Report PW20054 - Parts, Supplies, Equipment and Services for Additional Hamilton Water Sections

Parts, Supplies, Equipment and Services for the City of Hamilton Environmental Laboratory

Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
AirOn HVAC Services Ltd.	x	x		Provide all Labour, Equipment and Materials necessary to service and maintain the Laboratory's only Makeup Air Unit (MAU).	The Makeup Air Unit (Engineered Air) is the sole unit that provides exhaust for all laboratory chemical hoods. AirOn has been providing this service and now has an intimate history of the needs and complexity until a replacement unit can be provided under separate contract.		\$ 175,000.00	\$ 175,519.15	\$ 74,650.00	\$ 58,612.00	
Eurofins Abraxis Inc	x	x	x	Instruments, parts, supplies, service and Laboratory Performance Testing samples for microcystins ELISA analysis.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 10,150.00	\$ 8,892.72	\$ 6,675.00	\$ 9,300.00	USD
Agilent Technologies Canada, Inc.	x	x	x	Instruments, parts, supplies and service for trace metal (Varian Vista-PRO Axial CCD ICPOES and Agilent 7900 ICPMS) and trace organic analysis (Agilent GC/MSD System, Tekmar Purge and Trap auto sampler with Agilent GC/MSD System, Agilent GC/MS/MS System, SPME PAL Autosampler with GC/MSD System).	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 70,000.00	\$ 63,855.20	\$ 64,948.96	\$ 66,610.49	
The Canadian Association for Laboratory Accreditation Inc. (CALA)		x			On site ISO 17025 Laboratory Assessments utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.		\$ 12,000.00	\$ 24,265.70	\$ 27,550.00	\$ 22,400.00	
IDEXX Distribution, Inc./IDEXX Laboratories Canada Corp./IDEXX Laboratories, Inc.	x	x	x	Instruments, parts and supplies for Microbiological analysis of regulated drinking waters, wastewaters and biosolids.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 35,000.00	\$ 7,513.26	\$ 16,805.00	NA	
Magnetar Corporation	x	x		Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.	Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.		\$ 30,000.00	\$ 25,432.48	\$ 22,245.76	\$ 21,601.37	
Millipore (Canada Ltd.)/ EMD Millipore Corporation	x	x	x	Parts, supplies and service for Laboratory water purification systems for trace analysis.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 21,000.00	\$ 16,488.92	\$ 17,671.00	\$ 14,692.36	
Proficiency Testing Canada Inc. (PTC)			x			Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.	\$ 13,000.00	NA	NA	NA	
SGS Canada Inc.		x			Laboratory Analytical Services Accredited to ISO 17025 and MECP Licensed for regulatory drinking water analysis for specific tests listed in their scope of analysis.		\$ 50,000.00	\$ 34,059.27	\$ 38,738.10	\$ 109,074.00	
Skalar Inc.	x	x	x	Instruments parts, supplies and service for Skalar Automated Chemistry Systems.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$11,000.00	\$ 3,946.00	\$ 12,424.00	\$ 9,999.00	
Systems Plus (1936100 Ontario Inc.)	x		x	Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water.		Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water.	\$ 45,000.00	\$ 34,607.66	\$ 31,150.74	\$ 44,404.30	
VWR (A Part of Avantor) / VWR International Co.			x			Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.	\$ 27,000.00	\$ 21,000.00	\$ 20,616.00	\$ 23,342.00	
Environmental Resource Associates (ERA)	x										
							\$ 488,150.00	\$ 415,580.36	\$ 333,474.56	\$ 380,035.52	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
ABB Inc.	x	x	x	Original Equipment Manufacturer for analyzers and transmitters, as well as GE Industrial Solutions electrical control equipment, switchgear, soft starters, variable frequency drives. Power distribution equipment / Centrifuge power and control equipment.	Original Equipment Manufacturer, sole goods and authorized service provider for ABB and GE Industrial Solutions products.	Original Equipment Manufacturer, sole goods and authorized service provider for ABB and GE Industrial Solutions products.	\$ 100,000.00	\$ 2,280.00	\$ 13,768.00	\$ -	
ACI Instrumentation Ltd.			x			ACI Instruments LTD is the exclusive Ontario distributor for Pulsar, Greyline, Hydroflow and Krohne products .	\$ 25,000.00	\$ 22,589.00	\$ 79,319.00	\$ 8,679.88	
Active Scale Manufacturing Inc.	x	x	x	Original Equipment Manufacturer for the truck weigh scale system used at the Woodward WWTP.	Original Equipment Manufacturer, sole goods and authorized service provider for Active Scale products.	Original Equipment Manufacturer, sole goods and authorized service provider for Active Scale products.	\$ 6,000.00	\$ 850.00	\$ -	\$ 1,564.00	
Additel	x			Original Equipment Manufacturer for process measurement and calibration monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Advantech	x			Original Equipment Manufacturer for process measurement and calibration monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Aerzen Canada Inc.	x	x	x	Original Equipment Manufacturer for Aerzen blowers and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Aerzen Canada products.	Original Equipment Manufacturer, sole goods and authorized service provider for Aerzen Canada products.	\$ 2,000.00	\$ 1,788.90	\$ 1,040.60	\$ 11,437.31	
Alfa Laval Canada Inc.	x	x	x	Original Equipment Manufacturer for centrifuges, gravity thickener belts (formerly Ashbrooks) and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	Original Equipment Manufacturer, sole goods and authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	\$ 125,000.00	\$ 26,114.02	\$ 315,342.13	\$ 59,451.79	
Armstrong	x			Original Equipment Manufacturer for pumps, hot water recirculation systems and associated parts.			\$ -	\$ -	\$ -	\$ -	
Asco	x			Original Equipment Manufacturer for regulatory flow control and pressure control equipment.			\$ -	\$ -	\$ -	\$ -	
Asea Brown Boveri (ABB)	x			Original Equipment Manufacturer for regulatory water quality monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
ATI	x			Original Equipment Manufacturer for gas monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Auma Actuators Inc	x			Original Equipment Manufacturer for actuators.			\$ -	\$ -	\$ -	\$ -	
Avensys Solutions Inc.		x	x		Sole goods and Original Equipment Manufacturer authorized service provider for Teledyne ISCO and QCEC automatic water/wastewater sampling and flow monitoring equipment for Canada.	Sole distributor for Fluid Components International LLC products for the Province of Ontario and sole distributor for Teledyne ISCO and QCEC automatic water/wastewater sampling and flow monitoring equipment for Canada.	\$ 50,000.00	\$ 34,219.00	\$ 48,481.45	\$ 28,872.00	
AW Chesterton Co Ltd	x	x	x	Original Equipment Manufacturer for Mechanical Seal Pump and Valve Packing, Engineered Polymer Hydraulic/Pneumatic Seals, Sheet Gaskets, Metal and Concrete Composite Coating Systems, MRO and Production Cleaners and Degreasers, Lubricants and Metal Working Fluids.	Original Equipment Manufacturer, sole goods and authorized service provider for AW Chesterton Co. Ltd products and Inpro/Seals@ Custom Engineered Bearing Protection and Process Seals.	Exclusive distributor for Inpro/Seals@ Custom Engineered Bearing Protection and Process Seals.	\$ 15,000.00	\$ 3,666.60	\$ 10,560.00	\$ 1,027.00	
Aysix Analytical Equipment	x			Original Equipment Manufacturer for process monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Baker Hughes Energy Services Canada (Formerly Bentley Nevada And General Electric Canada)	x	x	x	Original Equipment Manufacturer for pump monitoring equipment.	Original Equipment Manufacturer, sole goods and authorized service provider for Bentley Nevada products and services, including but not limited to vibration monitoring equipment and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Bentley Nevada products, including but not limited to vibration monitoring equipment and associated parts.	\$ 7,500.00	\$ -	\$ 6,442.50	\$ 7,272.50	
Benshaw	x	x	x	Original Equipment Manufacturer for soft starters, variable frequency drives and switchgear equipment.	Original Equipment Manufacturer, sole goods and authorized service provider for Benshaw products including soft starters variable frequency drives and switchgear products and services.	Original Equipment Manufacturer, sole goods and authorized service provider for Benshaw products including soft starters variable frequency drives and switchgear products and services.	\$ 5,000.00	\$ -	\$ 8,028.00	\$ 3,320.00	
Blue-White	x			Original Equipment Manufacturer for chemical metering and dosing equipment.			\$ -	\$ -	\$ -	\$ -	
Brentwood Industries	x			Original Equipment Manufacturer for clarifier tank equipment and associated parts.			\$ -	\$ -	\$ -	\$ -	
C & M Environmental Technologies Inc.		x	x		Sole Original Equipment Manufacturer authorized service provider for Brentwood, WesTech, Environmental Dynamics International and SPIRAC products.	Sole authorized distributor for Brentwood, WesTech, Environmental Dynamics International and SPIRAC products. Sole authorized sales representative for WesTech sludge mixers and associated parts in Canada.	\$ 450,000.00	\$ -	\$ 21,376.88	\$ 86,831.29	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Can-Am Instruments Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for Hach Flow & Sampling in Canada.	Sole authorized distributor of Hach Flow & Sampling products in Ontario.	\$ 20,000.00	\$ 1,958.34	\$ 13,955.76	\$ 22,082.60	
Cancoppas Limited		x	x		Sole Original Equipment Manufacturer authorized service provider for Aysix Technologies products, and GWF Technologies.	Sole authorized distributor for Aysix Technologies products in Canada, and GWF Technologies products in Ontario.	\$ 55,000.00	\$ 24,677.25	\$ 19,765.42	\$ 2,617.24	
Caterpillar Inc.	x			Original Equipment Manufacturer for engines, generators, controllers and associated parts for back-up power equipment.			\$ 25,000.00	\$ -	\$ -	\$ -	
Chemline	x			Original Equipment Manufacturer for pressure control devices, valves, control and regulation devices, piping, tubing and flow meters.			\$ -	\$ -	\$ -	\$ -	
Cla-Val	x			Original Equipment Manufacturer for specialty valves and flow monitoring.			\$ -	\$ -	\$ -	\$ -	
Conval Process Solutions Inc.			x			Sole authorized distributor for GA Industries products in Ontario.	\$ 50,000.00	\$ 23,618.45	\$ 13,709.00	\$ 14,400.72	
Crane Pumps And Systems Canada	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Danfoss / Vacon	x			Original Equipment Manufacturer for Vacon soft starters and variable frequency drives.			\$ -	\$ -	\$ -	\$ -	
Devine & Associates Ltd.			x			Sole authorized distributor of Cla-Val products in Ontario.	\$ 50,000.00	\$ 22,324.00	\$ 4,216.00	\$ 7,751.86	
Dezurik	x			Original Equipment Manufacturer for valves.			\$ -	\$ -	\$ -	\$ -	
Directrik			x			Sole authorized distributor for Seepex, Vogelsang, Flowserve (including but not limited to Worthington, Pacific, Ingersoll-Rand, Byron Jackson, Durco, Innomag and Sihi) and Trillium Flow Technologies (WEMCO, WSP) products for the province of Ontario.	\$ 40,000.00	\$ 24,572.53	\$ -	\$ -	
Drive Centre		x	x		Original Equipment Manufacturer authorized service provider for AC drive systems including Danfoss, VLT and VACON brands.	Sole authorized distributor for for Danfos / VLT and Vacon drives.	\$ 20,000.00	\$ 11,845.60	\$ -	\$ -	
Eaton Industries Canada Company	x	x		Original Equipment Manufacturer parts for electrical distribution equipment covering Eaton Industries Canada, Cutler-Hammer, Westinghouse, Cooper, and Klockler Moller brand names. Parts include transformers, switchgear, breakers, relays/power meters, Ct's, Pt's, surge protectors and other associated electrical distribution parts.	Original Equipment Manufacturer authorized service provider for power distribution systems covering Eaton Industries Canada, Cutler-Hammer, Westinghouse, Cooper, and Klockler Moller brand names. Field service and technical support for the uninterrupted power supply units for the power distribution system.		\$ 125,000.00	\$ 127,341.00	\$ 124,004.43	\$ 235,974.10	
Endress+Hauser	x			Original Equipment Manufacturer for process measurement and optimization monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Envirocan Wastewater Treatment		x	x		Sole Original Equipment Manufacturer authorized service provider for JWC Environmental, Muffin Monster®, Channel Monster®, Auger Monster®, Screenings Washer Monster®, Honey Monster® and Monster Screening Systems® products.	Sole authorized distributor for JWC Environmental, Muffin Monster®, Channel Monster®, Auger Monster®, Screenings Washer Monster®, Honey Monster® and Monster Screening Systems® products.	\$ 40,000.00	\$ -	\$ 36,300.00	\$ 138,764.00	
Environmental Dynamics	x			Original Equipment Manufacturer for aeration diffusers and associated parts.			\$ -	\$ -	\$ -	\$ -	
Eramosa Engineering Inc.	x	x	x		Sole Original Equipment Manufacturer authorized service provider in North America for existing eRIS software users	Sole Original Equipment Manufacturer authorized service provider in North America for existing eRIS software users	\$ 350,000.00	\$ 90,331.64	\$ 430,455.47	\$ 612,110.71	
ESC Automation Inc.		x	x		Sole Original Equipment Manufacturer authorized service provider for Delta Controls products.	Sole authorized distributor for Delta Controls products.	\$ 50,000.00	\$ 43,937.00	\$ 82,887.00	\$ 46,458.00	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Evoqua Water Technologies Ltd (Formerly US Filter)	x		x	Original Equipment Manufacturer for intake screens, clarification systems, separation systems and associated parts as well as disinfection, water quality and regulatory monitoring equipment.		Sole authorized distributor for Wallace & Tiernan equipment and associated parts.	\$ 200,000.00	\$ 21,104.99	\$ 549,684.42	\$ 26,081.07	
Fag Bearings	x			Original Equipment Manufacturer for bearing as identified on motor name plates.			\$ -	\$ -	\$ -	\$ -	
Floval Equipment Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for HydraTite Seal products.	Sole authorized distributor for BNW Valve, HydraTite Seal, DeZURIK Inc. (DeZURIK, APCO, Willamette, and Hilton) and Hebdraulique products.	\$ 10,000.00	\$ 14,000.00	\$ 19,723.00	\$ 588.73	
Flow Motion	x			Original Equipment Manufacturer for chemical metering equipment.			\$ -	\$ -	\$ -	\$ -	
Gerrie Electric Wholesale Limited		x	x	Original Equipment Manufacturer for electrical distribution equipment including transformers, switchgear, breakers, relays/power meters, CT's, PT's, surge protectors, motors and other associated distribution equipment.	Sole Original Equipment Manufacturer authorized service provider for Rockwell Automation, Allen Bradley, Endress+Hauser brand electrical distribution systems and parts, and Advantech SCADA OIT computer.	Sole authorized distributor for Rockwell Automation, Allen Bradley, and Endress+Hauser brand electrical distribution systems and parts.	\$ 135,000.00	\$ 135,000.00	\$ 126,582.97	\$ 7,633.48	
Golden Anderson	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gorman Rupp	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gratec	x			Original Equipment Manufacturer for mixers and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gray Matter Systems		x	x		Sole Original Equipment Manufacturer authorized service and support representative in Canada for GE Digital Software as well as being assigned as the Partner of Record to Service the City of Hamilton.	Sole authorized service and support representative in Canada for GE Digital Software as well as being assigned as the Partner of Record to Service the City of Hamilton.	\$ 22,500.00	\$ -	\$ -	\$ -	
Grundfos	x			Original Equipment Manufacturer for submersible pumps and related parts, and chemical dosing equipment.			\$ -	\$ -	\$ -	\$ -	
H2 Flow Equipment Inc.		x	x		Recommended Original Equipment Manufacturer service vendor (in order to maintain warranty provisions), for Trojan Ultra-Violet (UV) disinfection units and Digester mixer equipment.	Recommended Original Equipment Manufacturer service vendor (in order to maintain warranty provisions), for Trojan Ultra-Violet (UV) disinfection units and Digester mixer equipment.	\$ 50,000.00	\$ 29,287.25	\$ 26,511.31	\$ 25,768.75	
Hach Sales & Service LP	x	x	x	Original Equipment Manufacturer for regulatory analyzers, monitoring and control devices.	Original Equipment Manufacturer authorized service provider for repair, start-up service, warranty repair or maintenance on HACH instruments.	Original Equipment Manufacturer and sole source distributor for all Hach branded products.	\$ 165,000.00	\$ 89,537.75	\$ 73,963.28	\$ 89,869.32	
HCE Telecom Inc.		x	x		HCE provides remote SCADA access and communications to Hamilton Water Infrastructure including fibre optic cable installation and repair services.	HCE is the distributor for communication hardware, routers, switches and cellular antennas.	\$ 10,000.00	\$ -	\$ -	\$ -	
Hidrostal Pumps	x		x	Original Equipment Manufacturer for pumps and associated parts.		Sole authorized distributor for Hidrostal and Bedford Pumps in Canada.	\$ 40,000.00	\$ -	\$ -	\$ -	
Hydroflow	x			Original Equipment Manufacturer for electronic water conditioners and associated parts.			\$ -	\$ -	\$ -	\$ -	
Hydromatic Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Hydrovision (GWF Technologies)	x			Original Equipment Manufacturer for flow monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Indachem Inc		x	x		Sole Original Equipment Manufacturer authorized service representative for PolyBlend ® line of products, equipment and associated parts.	Sole authorized distributor for PolyBlend ® line of products, equipment and associated parts.	\$ 65,000.00	\$ -	\$ -	\$ -	
Flygt	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
John Brooks Company Limited		x	x		Sole Original Equipment Manufacturer authorized service provider for Vaughan Co. Inc. (including Chopper, Triton, and Rotomix brands).	Sole authorized distributor for Engineered Systems (Municipal) , Vaughan Co. Inc. (Chopper, Triton, Rotomix), Goulds Water Technology.	\$ 90,000.00	\$ 270.60	\$ 75,878.02	\$ 3,096.00	
John Crane	x	x	x	Original Equipment Manufacturer for seals, packing, couplings and associated parts.	Sole Original Equipment Manufacturer authorized service provider of John Crane products.	Original Equipment Manufacturer and sole goods distributor of John Crane products.	\$ 65,000.00	\$ 9,455.84	\$ 13,829.20	\$ 3,698.50	
JSM Controls Inc		x			Service for chlorination equipment and gas chlorination systems in water/wastewater treatment applications. JSM controls maintains the correct TSSA licensing and credentials to perform this work and are well versed with the process and equipment within Hamilton Water's facilities. Their ongoing sole source service support ensures that timely service is received for highly regulated process equipment, to support regulatory compliance and continuance of operations.		\$ 50,000.00	\$ 40,000.00	\$ 40,894.00	\$ 132,000.29	
JWC Environmental - Muffin Monster	x			Original Equipment Manufacturer for grinders and associated parts.			\$ -	\$ -	\$ -	\$ -	
Krohne	x			Original Equipment Manufacturer for flow meters.			\$ -	\$ -	\$ -	\$ -	
KSB Pumps Inc. (Canada)	x	x	x	Original Equipment Manufacturer for pumps and associated parts.	Sole Original Equipment Manufacturer authorized service provider in Canada for all KSB manufactured pumps, valves, parts and service.	Original Equipment Manufacturer and sole goods provider in Canada for all KSB manufactured pumps, valves, parts and service.	\$ 150,000.00	\$ -	\$ 9,102.26	\$ -	
Lakeside Process Controls Ltd		x	x		Sole Original Equipment Manufacturer authorized service provider for Emerson Automation Solutions products including, but not limited to, MicroMotion flowmeters, Fisher Control Valves, DeltaV® Control Systems, and the Rosemount brand of measurement devices.	Sole authorized distributor for Emerson Automation Solutions products including, but not limited to, MicroMotion flowmeters, Fisher Control Valves, DeltaV® Control Systems, and the Rosemount brand of measurement devices.	\$ 30,000.00	\$ 4,638.06	\$ 1,280.00	\$ 9,116.08	
Landmark Municipal Services ULC (LMS)		x			Providers of specialized services including the annual aircraft lighting and maintenance on water towers, and water tower maintenance including cleaning. Landmark maintains the required qualifications for tower climbing, harnessing, safety planning, rescue planning documentation and personnel, etc.		\$ 20,000.00	\$ 18,500.00	\$ 9,800.00	\$ 9,361.05	
Link Belt	x			Original Equipment Manufacturer for bearings, seals and associated parts.			\$ -	\$ -	\$ -	\$ -	
Lonestar	x			Original Equipment Manufacturer for aeration blowers and associated parts.			\$ -	\$ -	\$ -	\$ -	
Lotowater Technical Services Inc		x			Lotowater is the preferred service provider to the City of Hamilton for potable water wells assessment, maintenance and repair. They are local and readily available to respond to emergency situations, they have profound experience with each of the City's communal drinking water wells, and they maintain an inventory of repair parts and equipment at their facility.		\$ 30,000.00	\$ -	\$ -	\$ 33,178.69	
Mccrometer	x			Original Equipment Manufacturer for regulatory flow monitoring devices.			\$ -	\$ -	\$ -	\$ -	
Micro Pump	x			Original Equipment Manufacturer of pumps for regulatory water quality sampling systems and chemical metering equipment.			\$ -	\$ -	\$ -	\$ -	
Moyno Inc	x			Original Equipment Manufacturer for pumps, grinders and associated parts.			\$ -	\$ -	\$ -	\$ -	
MSA	x			Original Equipment Manufacturer for gas monitoring equipment, self contained breathing apparatus and confined space entry equipment.			\$ -	\$ -	\$ -	\$ -	
Myers Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
NatPro - DXP			x			Sole authorized distributor for Pentair and Aurora products.	\$ -	\$ -	\$ -	\$ -	
Netzsch	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Nivus	x			Original Equipment Manufacturer for flow and level control equipment.			\$ -	\$ -	\$ -	\$ -	
Pentair	x			Original Equipment Manufacturer for Aurora, Aurora Fire, Fairbanks, Nijhuis, Layne-Vertiline, VTSH (vertical turbine solid handling) products and associated parts.			\$ -	\$ -	\$ -	\$ -	
Philadelphia Mixing Solutions	x			Original Equipment Manufacturer for mixers and associated parts.			\$ -	\$ -	\$ -	\$ -	
PMC Engineering	x			Original Equipment Manufacturer for level, pressure and process monitoring and control equipment.			\$ -	\$ -	\$ -	\$ -	
Pro Aqua Inc			x			Sole authorized distributor for Evoqua's Wastewater Treatment Group equipment.	\$ 175,000.00	\$ 2,080.70	\$ 110,566.68	\$ -	
Prominent	x			Original Equipment Manufacturer for regulatory water quality monitoring and disinfection equipment.			\$ -	\$ -	\$ -	\$ -	
Pulsar	x			Original Equipment Manufacturer for level monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Red Valve	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Rockwell Automation (Allen-Bradley)	x			Original Equipment Manufacturer for soft starters, variable frequency drives and SCADA components.			\$ -	\$ -	\$ -	\$ -	
Ro-Flo Compressors LLC	x			Original Equipment Manufacturer for compressors and associated parts.			\$ 30,000.00	\$ -	\$ 60,558.00	\$ -	
Rotork Controls (Canada) Ltd.	x	x	x	Original Equipment Manufacturer for actuators.	Original Equipment Manufacturer authorized service provider.	Original Equipment Manufacturer authorized distributor.	\$ 40,000.00	\$ 17,205.05	\$ 43,910.66	\$ 28,903.43	
S&C Electric Canada	x	x		Original Equipment Manufacturer for outdoor power distribution and control devices within S&C cabinets.	Original Equipment Manufacturer authorized service provider for outdoor power distribution and control devices within S&C cabinets.		\$ 10,000.00	\$ -	\$ -	\$ -	
SCG (Formerly Metcon Sales & Engineering Limited)			x			Sole authorized distributor for Spencer Equipment, Watson Marlow Fluid Technology and ProMinent Canada products.	\$ 65,000.00	\$ 37,965.04	\$ 52,918.46	\$ 61,045.42	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Schneider Electric Canada	x	x		Original Equipment Manufacturer for the power distribution system, soft starters and variable frequency drives including Shneider Electric, Federal Pioneer, and Square D brands. Original Equipment Manufacturer for ION Metering parts and relays.	Original Equipment Manufacturer authorized service provider for the power distribution system, soft starters and variable frequency drives including Shneider Electric, Federal Pioneer, Square D brands. Original Equipment Manufacturer authorized service provider for ION Metering parts and relays.		\$ 10,000.00	\$ -	\$ 10,874.44	\$ -	
Schweitzer	x	x		Original Equipment Manufacturer for protective relay and communications equipment associated with the power distribution system.	Original Equipment Manufacturer authorized service provider for protective relay and communications equipment associated with the power distribution system.		\$ 5,000.00	\$ -	\$ -	\$ -	
Schwing Bioset Inc	x		x	Original Equipment Manufacturer for biosolids equipment and associated parts.		Original Equipment Manufacturer and sole distributor of Schwing spare parts used on Schwing equipment.	\$ 25,000.00	\$ 230,598.16	\$ 26,132.50	\$ -	
Seepex	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	Refer to Directrik
Siemens Canada Limited	x	x		Original Equipment Manufacturer for power distribution, soft starters and variable frequency drives.	Original Equipment Manufacturer authorized service provider for power distribution, soft starters and variable frequency drives.		\$ 20,000.00	\$ -	\$ 58,480.04	\$ 50,617.00	
Singer Valve	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
SKF Bearings	x			Original Equipment Manufacturer for bearings as identified on motor name plates.			\$ 20,000.00	\$ 12,500.00	\$ -	\$ -	
Smart Turner Pumps Inc.	x		x	Original Equipment Manufacturer for pumps and associated parts.		Original Equipment Manufacturer and sole distributor of Smart Turner Pumps.	\$ 60,000.00	\$ -	\$ -	\$ -	
Smith & Loveless, Inc.	x		x	Original Equipment Manufacturer for pumps, grit classification systems and associated parts.		Original Equipment Manufacturer and sole distributor of Smith & Loveless products and equipment.	\$ 90,000.00	\$ 85,761.18	\$ 49,961.63	\$ 10,065.50	
Spaans Babcock	x		x	Original Equipment Manufacturer for screws, gear box and associated parts.		Original Equipment Manufacturer and sole distributor Spaans Babcock products and training / inspection services in North America. The products include Spaans Babcock screw pumps, hydro screw generators, fine screen and any spare parts related to these products.	\$ 100,000.00	\$ 8,455.00	\$ 7,833.00	\$ 16,925.14	
SPD Sales Limited		x	x		Sole Original Equipment Manufacturer authorized service provider for Grundfos, Kurz Instruments, Vega, Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products).	Sole authorized distributor for MSA Safety Inc. (for Fixed Gas and Flame Detection products), ATI products, Blue-White Industries Pro-Series M product line, Nivus, Grundfos, Kurz Instruments, Chemtrac, Vega, and Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products).	\$ 100,000.00	\$ 79,801.75	\$ 43,437.00	\$ 59,499.57	
Spirac	x			Original Equipment Manufacturer for grit handling augers and associated parts.			\$ -	\$ -	\$ -	\$ -	
SPX Flow	x			Original Equipment Manufacturer for mixer process systems and associated parts.			\$ -	\$ -	\$ -	\$ -	
SRP Control Systems Limited		x	x		Sole Original Equipment Manufacturer authorized service provider of Additel products in Canada.	Sole authorized distributor of Additel, PMC Engineering Legacy Series Industrial Pressure Transmitters, PMC Engineering VersaLine Series Submersible Depth and Level Sensors, and STS Series Precision Pressure Sensors in Canada.	\$ 30,000.00	\$ 16,215.00	\$ -	\$ -	
Suez Treatment Solutions Inc. (formerly Inflico Degremont)	x		x	Original Equipment Manufacturer for Climber Screen ®, and associated parts.		Original Equipment Manufacturer and sole distributor of Climber Screen ®, and associated parts.	\$ 80,000.00	\$ -	\$ 357,720.21	\$ 176,538.71	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Syntec Process Equipment Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for Fontaine-Aquanox and Val-Matic products.	Sole authorized distributor for Banyan Products, Fontaine-Aquanox, Master Distributor of Chemline Plastics, J&S Valve Inc., Netzsch, Singer, Limitorque Products for Simons Automation and Supply, Trueline Valve Corp., Val-Matic, Trumbull Mfg. Ltd.	\$ 225,000.00	\$ 197,007.30	\$ 129,690.50	\$ 75,000.96	
T.D. Rooke Associates Limited			x			Sole authorized distributor for SPXFLOW – Lightning Mixers, and associated parts.	\$ 20,000.00	\$ -	\$ -	\$ 55,300.28	
Teledyne (ISCO)	x			Original Equipment Manufacturer for auto samplers.			\$ -	\$ -	\$ -	\$ -	
Toromont Industries Ltd.	x	x	x	Original Equipment Manufacturer for all parts pertaining to Power Distribution Back-up Generator systems.	Sole Original Equipment Manufacturer authorized service provider for CAT branded products and parts and back-up generator systems.	Sole authorized dealer for the sale of CAT branded products and parts.	\$ 30,000.00	\$ 1,094.34	\$ -	\$ -	
Transcat Inc		x			An ISO 17025 accredited organization that is able to provide on-site calibration services on a multitude of different instruments. Standardization ensures timely and expert response to regulatory instrumentation equipment.		\$ 20,000.00	\$ 16,844.00	\$ 21,835.34	\$ 15,847.54	
Trojan Technologies	x			Original Equipment Manufacturer for disinfection process equipment.			\$ -	\$ -	\$ -	\$ -	
Troy-Ontor Inc		x	x		Sole Original Equipment Manufacturer authorized service provider for Auma products in Canada.	Sole authorized distributor for Auma products in Canada.	\$ 45,000.00	\$ 19,431.92	\$ 29,897.00	\$ -	
Trueline	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
UGSI Chemical Feed, Inc	x			Original Equipment Manufacturer for PolyBlend® product line of equipment, including but not limited to pumps, mixers, drives, controllers, ORP, Strantrol Analyzers and Chemical Feed/mixing systems.			\$ -	\$ -	\$ -	\$ -	
United Electric Controls	x			Original Equipment Manufacturer for pressure control and monitoring devices.			\$ -	\$ -	\$ -	\$ -	
Val-Matic	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Varec	x			Original Equipment Manufacturer for digester equipment and associated parts.			\$ -	\$ -	\$ -	\$ -	
Vaughan Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Vega	x			Original Equipment Manufacturer for process control equipment.			\$ -	\$ -	\$ -	\$ -	
Wajax Industrial Components		x	x		Sole Original Equipment Manufacturer authorized service provider for Moyno Progressing Cavity Pumps in Ontario.	Sole authorized distributor for Moyno Progressing Cavity Pumps in Ontario.	\$ 200,000.00	\$ 23,845.51	\$ 325,401.64	\$ 14,323.32	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Wallace And Tiernan	x			Original Equipment Manufacturer for disinfection process equipment.			\$ -	\$ -	\$ -	\$ -	
Westech Industrial Ltd	x	x	x	Original Equipment Manufacturer for flame arresters and associated parts. OEM provider for WesTech sludge mixers and associated parts in Canada.	Sole Original Equipment Manufacturer authorized service provider for Emerson and Varec digester gas or biogas equipment in Canada.	Sole authorized sales representative for Emerson and Varec equipment for Emerson and Varec digester gas or biogas equipment in Canada.		\$ -	\$ 5,013.00	\$ -	
Xylem Canada Company		x	x		Sole Original Equipment Manufacturer authorized service provider for Flyght branded submersible pumps and mixers.	Sole authorized distributor of Flyght branded submersible pumps and mixers, and associated parts.	\$ 225,000.00	\$ 293,238.49	\$ 452,639.62	\$ 302,944.69	
YSI	x			Original Equipment Manufacturer for regulatory analyzers, monitoring and control devices.			\$ -	\$ -	\$ -	\$ -	
							\$ 4,368,000.00	\$ 1,865,951.26	\$ 3,963,769.82	\$ 2,496,018.52	

Parts, Supplies, Equipment and Services for Additional Hamilton Water Sections


Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
4IMAC INC		x			Technical support for the modification and upgrade of the existing INFOR EAM Computerized Maintenance System.		\$ 70,000.00	\$ 69,199.20	\$ 23,078.50	\$ 33,249.75	
AECOM Canada Ltd		x			Host and responsible vendor for the National Water Wastewater Benchmarking Initiative (NWWBI) across Canada.		\$ 50,000.00	\$ 49,895.00	\$ 49,895.00	\$ 37,421.00	
Devine & Associates Limited		x	x	Supply of water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve), and associated parts and supplies.	Equipment and services to maintain existing water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).	Equipment and services to maintain existing water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).	\$ 75,000.00	\$ 174,531.74	\$ 279,231.58	\$ 88,730.50	
E.H. Wachs	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and services for ERV-750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter.	Supply of Original Equipment Manufacturer spare parts, equipment and services for ERV-750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter.	Supply of Original Equipment Manufacturer spare parts, equipment and services for ERV-750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter.	\$ 100,000.00	\$ 57,421.44	\$ 30,000.00	\$ 29,749.58	
Evans Utility & Municipal Products	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	\$ 12,500.00	\$ 22,088.85	\$ 15,573.50	\$ 4,847.00	
Flowpoint Environmental Systems LP		x			Maintenance and upgrades to software which supports the City's Bulk Water Filling Stations to allow customers to create an account online and purchase water online.		\$ -	\$ -	\$ 12,575.00	\$ -	
Images Puppet Productions Inc.	x	x	x	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	\$ -	\$ 22,217.50	\$ 30,527.50	\$ 23,446.00	
Industrial Scientific Corporation	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	\$ 100,000.00	\$ 57,840.91	\$ 52,155.72	\$ -	
Infor Canada Ltd.	x		x	Licensing components, software vendors and support for the existing INFOR EAM Computerized Maintenance System.		Licensing components, software vendors and support for the existing INFOR EAM Computerized Maintenance System.	\$ 500,000.00	\$ 427,642.60	\$ 43,211.00	\$ -	
Kronos Inc.	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	\$ 60,000.00	\$ 25,116.98	\$ 10,000.00	\$ 30,000.00	
Lannick Contract Solutions Inc.		x			Staffing agency support for GIS and Technical development systems.		\$ 60,000.00	\$ -	\$ -	\$ -	
Neptune Technology Group		x			Licensing components, support and maintenance for the existing software which supports the City's Automated Water Meter Infrastructure.		\$ -	\$ -	\$ 14,075.00	\$ -	
Pipeline Repair Services Inc.		x			Specialized pipeline repair services (6" to 48" linestop installations), for the City's water distribution system.		\$ 50,000.00	\$ -	\$ 56,500.00	\$ 42,120.00	

Parts, Supplies, Equipment and Services for Additional Hamilton Water Sections

Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Van Essen Instruments - Canada	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	\$ 20,000.00	\$ 24,355.50	\$ 30,000.00	\$ 11,050.11	
Voicenet Interactive Inc		x			Provision of mass outbound calling in the event of adverse water quality incidents and other water distribution and wastewater collection system notifications (e.g. Frozen Water Services, Backwater Valve Maintenance, Water Use Restrictions, etc.).		\$ 15,000.00	\$ -	\$ 10,000.00	\$ -	
							\$ 1,112,500.00	\$ 930,309.72	\$ 656,822.80	\$ 300,613.94	



CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Hamilton Water Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Water Treatment Plant Clearwell Improvement (PW20026) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Stuart Leitch (905) 546-2424 Ext. 7808
SUBMITTED BY:	Cari Vanderperk Acting Director, Water and Wastewater Planning and Capital Public Works Department
SIGNATURE:	

RECOMMENDATION(S)

- (a) That the single source procurement, pursuant to Procurement Policy #11 – Non-competitive Procurements, for construction services for the clearwell improvements at the Woodward Water Treatment Plant at the upset limit of \$1,300,000 be awarded to Bennet Mechanical Installations (2001) Ltd. and funded from Project ID No. 5141166110;
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to negotiate, enter into and execute a Contract and any ancillary documents required to give effect thereto with Bennet Mechanical Installations (2001) Ltd. in a form satisfactory to the City Solicitor;
- (c) That the single source procurement, pursuant to Procurement Policy #11 – Non-competitive Procurements, for consultancy services including project management, contract administration during construction, site inspection and commissioning / warranty services for the clearwell improvements at the Woodward Water Treatment Plant at the upset limit of \$300,000 be awarded to AECOM Canada Ltd. and funded from Project ID No. 5141166110; and,
- (d) That the General Manager of Public Works, or their designate, be authorized and directed to negotiate, enter into and execute a Contract and any ancillary

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**SUBJECT: Water Treatment Plant Clearwell Improvement
(PW20026) (City Wide) - Page 2 of 5**

documents required to give effect thereto with AECOM Canada Ltd. in a form satisfactory to the City Solicitor.

EXECUTIVE SUMMARY

In early July 2020, Hamilton Water issued a mandatory water use restriction to the residents and businesses of the City, effectively banning non-essential outside water use. This was due to an early summer heatwave combined with construction delays associated with unexpected drain valve repairs required within Phase 1 of the Woodward Water Treatment Plant Process Upgrades. The drain valve has been repaired; however, a capacity risk still remains in the water treatment process and this report seeks approval to mitigate this risk as quickly as possible.

The Woodward Water Treatment Plant Process Upgrades (Phase 1) project commenced September 2018 and is currently scheduled for completion by January 2021. Phase 1 represents an approximate \$27M upgrade and is being delivered through the following contracts:

- AECOM was competitively procured through a Request for Proposals (C11-04-17) to provide design and construction administration services.
- Bennett Mechanical Installation (2001) Ltd. was competitively procured through a Request for Tenders (C13-23-18) for construction.

Currently, the Woodward Water Treatment Plant capacity is restricted when one of the clearwells is out of service. This capacity restriction results from the water filtration process sequence, where one half of the filters supply one clearwell and vice versa. Effectively, when one of the clearwells is out of service, only one half of the filters can be used to process potable drinking water. In order to eliminate this capacity restriction, staff recommend construction of a channel that interconnects the separate filtered water conduits, which will allow all of the filters to process potable water even if one of the clearwells is out of service.

In order to construct the interconnecting channel in the most efficient and timely manner, which will help mitigate possible future water use restrictions, this report recommends single source procurement for both the contractor (Bennett Mechanical Installations (2001) Ltd.), and the consultant (AECOM Canada Ltd.), whom are already mobilized on the site for Phase 1 construction and contract administration. The value of this additional work is estimated to be \$1,600,000, and it is anticipated to add approximately five months to the construction schedule, extending the completion of Phase 1 construction from January 2021 to June 2021.

Alternatives for Consideration – See Page 5

**SUBJECT: Water Treatment Plant Clearwell Improvement
(PW20026) (City Wide) - Page 3 of 5**

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: This report is recommending that \$200,000 be added to the consultant (AECOM) Contract C11-04-17 from Project ID No. 5141166110 (Water Treatment Plant – Process Upgrades) for project management, contract administration during construction, site inspection and commissioning / warranty services. In order to create efficiencies, a Procurement Policy #11 – Non-competitive procurement with AECOM was initiated in July 2020 at a value of \$100,000 in order to complete the design only. Should the construction works recommended in this report not be approved under Policy #11, the prepared design documents will be available to utilize for a future competitively procured contract.

This report is recommending that the construction works be initiated through a contract change order, following approval of Report PW20026. The additional construction works are currently estimated to be valued at \$1,300,000. Bennett Mechanical Installation (2001) Ltd.'s current approved purchase order under Contract C13-23-18 includes sufficient budget contingency to cover this additional work, so no additional funds are required.

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

The scope of Phase 1 of the Water Treatment Plant Process Upgrades includes the following improvements:

- Chemical/Lower Stores building architectural upgrades
- Flocculation mixers replacement
- Flocculation tank concrete restoration
- Filter inlet and backwash valve/gate replacement
- Replacement of spent granulated activated carbon filter media
- Filter #7 underdrain replacement
- Clearwell gates replacement
- Clearwell expansion joint repairs
- Clearwell drain valve replacement
- Filter gallery piping restoration

**SUBJECT: Water Treatment Plant Clearwell Improvement
(PW20026) (City Wide) - Page 4 of 5**

Currently, the Woodward Water Treatment Plant capacity is restricted when one of the clearwells is out of service. The existing water treatment process does not allow filtration galleries to supply both clearwells. Effectively, when one of the clearwells is out of service, only one half of the filters can be used to process potable drinking water. In order to eliminate this capacity restriction, staff recommend construction of a channel that interconnects the separate filtered water conduits, which will allow all of the filters to process potable water even if one of the clearwells is out of service.

During the construction project for Phase 1, the work included taking each clearwell out of service (at different times) for necessary repairs. The shutdowns commenced in early winter, and both clearwells were scheduled to be available for use by early June 2020 ahead of the high-water demand period that typical begins in mid summer. However, an unexpected failure of a clearwell 1 drain valve occurred that required repair and delayed the return to service for that clearwell to July 10, 2020. The early summer heatwave combined with the potable water production capacity associated with this construction delay (resulting from additional scope), required Hamilton Water to issue a Mandatory Water Use Restriction to the residents and businesses of the City, effectively banning non-essential outside water use from July 4, 2020 until July 10, 2020. If the proposed interconnect between the filtered water conduits had been in place, it is unlikely that a community water restriction would have been necessary, despite the early summer heat wave.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

This report is in accordance with By-law 17-064 Procurement Policy #11 – Non-Competitive Procurements.

RELEVANT CONSULTATION

The following groups have been consulted:

- Finance, Corporate Services
- Procurement, Corporate Services has provided guidance as to adherence to the Procurement Policy.

ANALYSIS AND RATIONALE FOR RECOMMENDATION

The construction of the interconnect between the filtered water conduits at the Woodward Water Treatment Plant will provide several benefits including:

- Reduce the risk of future community water use restrictions in the event one of the clearwells is out of service;

**SUBJECT: Water Treatment Plant Clearwell Improvement
(PW20026) (City Wide) - Page 5 of 5**

- Proceeding with the works via single source procurement ensures that the construction works can be completed by June 2021, ahead of next summer's high-water demand;
- The current contractor (Bennett) and consultant (AECOM) have intimate constructability and technical knowledge of the Water Treatment Plant and are already mobilized and able to complete this assignment;
- Improves drinking water production security in advance of Phase 2 of the Water Treatment Plant Process Upgrades which is anticipated to commence in 2024.

ALTERNATIVES FOR CONSIDERATION

A capital project for the construction of the interconnection between the filtered water conduits at the Water Treatment Plant, including construction administration could be initiated through the 2021 Water, Wastewater and Storm Rate Budget (Rate Budget) process. After approval of the 2021 Rate Budget, this work could then be competitively procured. This option is not recommended as it would delay the work, resulting in construction completion in late 2022 (at the earliest), extending the period that the Water Treatment Plant operates with the potable water production capacity risk that currently exists. In addition, this option fails to take advantage of the potential cost savings that can be realized by using a consultant and contractor that are already mobilized and possess intimate constructability and technical knowledge of the Water Treatment Plant as a result of the work that they have completed to date.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**Economic Prosperity and Growth**

Hamilton has a prosperous and diverse local economy where people have opportunities to grow and develop.

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Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

APPENDICES AND SCHEDULES ATTACHED

N/A



CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Transportation Operations and Maintenance Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	Transport Canada Rail Safety Improvement Program Grant (PW19077(a)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Sarath Vala (905) 546-2424 Ext. 1320
SUBMITTED BY:	Edward Soldo Director, Transportation Operations & Maintenance Public Works Department
SIGNATURE:	

RECOMMENDATION

That the General Manager of Public Works, or their designate, be authorized and directed to negotiate/renegotiate, enter into, and execute an agreement with Transport Canada, and all amendments and ancillary documents, for the purpose of formalizing the City's ability to receive the Transport Canada Rail Safety Improvement Program grant in accordance with the principles contained in this report, all in a form satisfactory to the City Solicitor.

EXECUTIVE SUMMARY

Transport Canada introduced the new Grade Crossing Regulations in November 2017.

The purpose of the new regulation is to:

- Improve crossing safety;
- Provide consistent safety standards for new and existing public and private grade crossings;
- Define responsibilities to improve the safety of public and private grade crossings;
- Promote collaboration between railways and road authorities; and
- Implement new regulations for a consistent level of safety for all classes of crossings.

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**SUBJECT: Transport Canada Rail Safety Improvement Program Grant
(PW19077(a)) (City Wide) – Page 2 of 4**

The regulation includes a completion date of November 27, 2021 for the upgrades to the crossings.

The City of Hamilton submitted thirteen (13) projects to the Transport Canada Rail Safety Improvement Program (RSIP) for the 2020/2021 grant consideration. Of the thirteen (13) projects, three (3) have been approved by the RSIP with the maximum eligible (80%) grant funding, as requested.

The approved projects are as follows:

- Primrose Avenue CP Rail Crossing – Installation of new Flashing Lights, Bells and Gates (FLBG) warning system specifically designed for pedestrian crossing;
- Victoria Avenue CN Rail Crossing - Implementing an intelligent train detection system with variable message boards that will inform road users when the rail crossing is blocked; and
- Mountain Avenue CP Rail Crossing - Installation of a new FLBG warning system specifically designed for pedestrian crossings.

The total cost of the projects is estimated at \$250,399.00, with a federal funding contribution of \$200,319.20. Additional project details are provided in Appendix “A” to Report PW19077(a) and locations are identified in Appendix “B” to Report PW19077(a).

The remaining ten (10) projects that were not approved will be resubmitted to the RSIP in August 2020 for future grant consideration.

The purpose of this report is to give staff the authority to execute any necessary agreements for receiving the RSIP grant funds.

Alternatives for Consideration – Not Applicable

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: In total the three (3) approved projects equate to an estimated cost of \$250,399 with up to \$200,319.20 (80%) funded by the RSIP grant. The remaining cost of \$50,079.80 (20%) is to be paid by the City. The funding for these projects have been approved under Capital Budget Project ID 4031710715 established in the 2017. The RSIP grant funding reduces the City of Hamilton’s financial commitments to these projects. See Appendix “A” to Report PW19077(a), for summary details of the approved RSIP Grant Application Projects, for details of each project.

**SUBJECT: Transport Canada Rail Safety Improvement Program Grant
(PW19077(a)) (City Wide) – Page 3 of 4**

Staffing: N/A

Legal: An agreement is required with Transport Canada in order to receive the approved funding.

HISTORICAL BACKGROUND

In August of 2017, Council approved Report PW17066, which provided an overview of the new Transport Canada Grade Crossing Regulations and the status of the mandatory information sharing and inspections required regarding railway crossings in the City.

In September of 2019, Council approved Report PW19077, which provided a progress update on the implementation of new grade crossing regulations, the results of the detailed railway safety inspections/audits and information related to the Transport Canada RSIP grant application.

The City of Hamilton submitted thirteen (13) projects to RSIP for the 2020/2021 grant consideration in August of 2019 and notification of approval was provided in June of 2020.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

N/A

RELEVANT CONSULTATION

Railway authorities (CN Rail and CP Rail) were consulted to confirm the project scopes prior to submitting the RSIP grant applications.

City of Hamilton's Legal Services will review the contribution agreement with Transport Canada for receiving the grant funds.

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

Capital Budget Project ID 4031710715 was established in the 2017 with a total budget of \$2,500,000 starting in 2017 and ending in 2021 for reviewing the improving the railway grade crossings to meet the new Transport Canada regulations.

Transport Canada provides grant and contribution funding through the RSIP. This program provides up to 80% of total eligible expenditures for any one project with the maximum grant amount payable of \$500,000 per project. Each project submitted is

**SUBJECT: Transport Canada Rail Safety Improvement Program Grant
(PW19077(a)) (City Wide) – Page 4 of 4**

assessed by Transport Canada to determine if the Project meets the following mandatory selection criteria:

- Relevance of the project to the RSIP objectives and eligible activities;
- Quality of the Proposal; and
- Value for the money in that the project represents an appropriate use of the public monies.

All the thirteen (13) projects (including the 3 approved projects) applied for the RSIP grant have already been budgeted and fully funded (under Capital Budget Project ID 4031710715). The RSIP grant funding reduces the City of Hamilton's financial commitments to these projects.

ALTERNATIVES FOR CONSIDERATION

N/A

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**Healthy and Safe Communities**

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APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report PW19077(a) – Summary Details of Approved RSIP Grant Application Projects

Appendix "B" to Report PW19077(a) – Location Details of Approved RSIP Grant Application Projects

Summary Details of Approved RSIP Grant Application Projects

Location	Description of Improvement	Estimated Cost		
		Project Cost	RSIP Grant	Remaining Cost (paid by City of Hamilton)
Primrose Avenue CPR Crossing	Mile 55.65 – Belt Line Subdivision, Primrose Avenue: Installation of a new FLBG warning system, specifically designed for pedestrian crossings, removal of a parallel abandoned railway track, restoring road and sidewalk components, extending sidewalks to crossings to create accessible and AODA compliant crossing, restoring and applying applicable pavement markings and signage, replacing adjacent chain-link fencing to create a more accessible AODA compliant opening, and realigning the fence crossing for a more favourable pedestrian path.	\$40,424.00	\$32,339.20	\$8,084,80
Victoria Avenue CNR Crossing	Mile 42.99 – Grimsby Subdivision, Victoria Ave North: Implementing an intelligent train detection system called TRAINFO with variable message boards that will inform road users when the rail crossing is blocked.	\$130,000.00	\$104,000.00	\$26,000.00

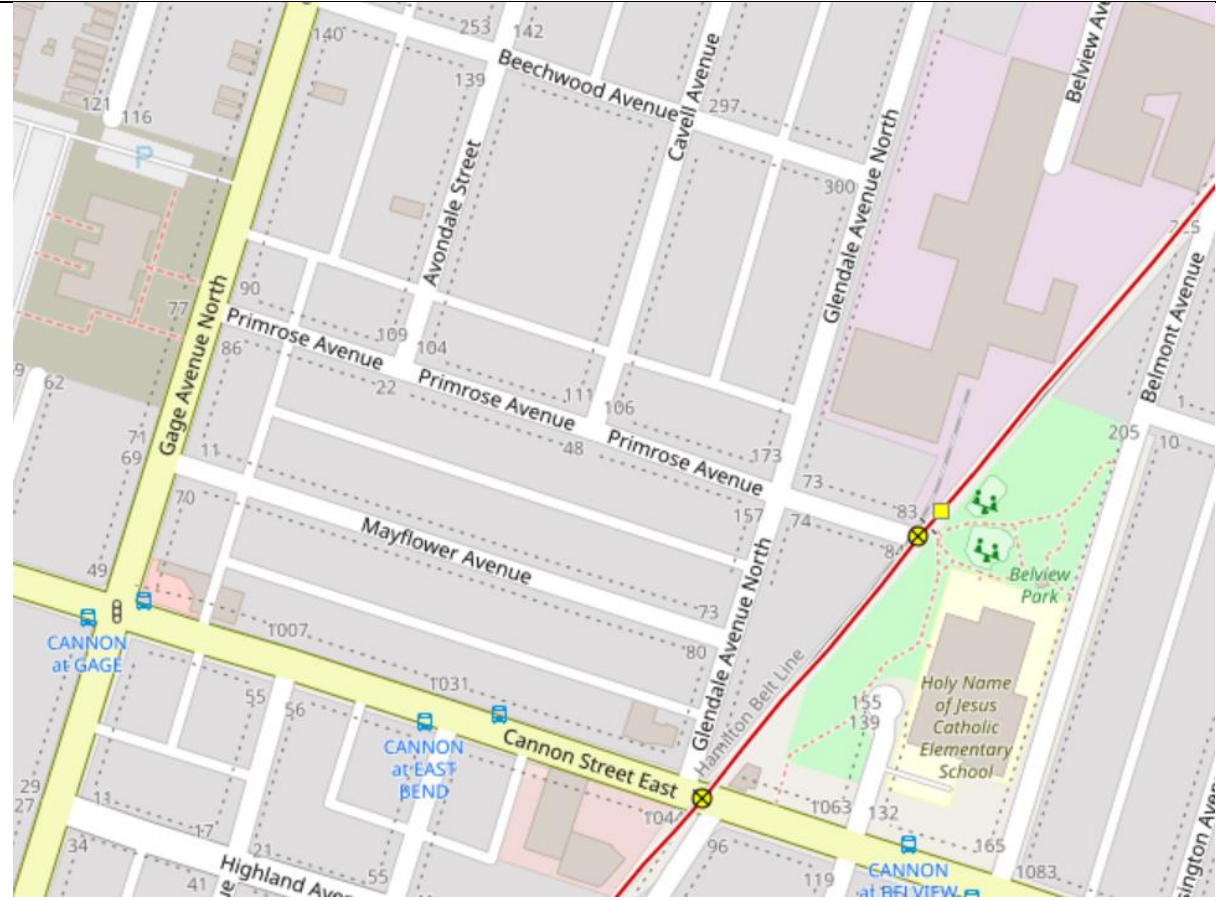
Location	Description of Improvement	Estimated Cost		
		Project Cost	RSIP Grant	Remaining Cost (paid by City of Hamilton)
Mountain Avenue CPR Crossing	Mile 50.95 – Hamilton Subdivision: Installation of a new FLBG warning system specifically designed for pedestrian crossings. Providing new underground power requirements to power the proposed crossing, installation of 47 m of sidewalks, installation of LED luminaries and trimming the tree canopy at the street access, restoring and applying applicable pavement markings and signage, installing 160m of new chain-link fencing and restoration of road and curb works necessary for infrastructure improvements.	\$79,975.00	\$63,980.00	\$15,995.00
Total		\$250,399.00	\$200,319.20	\$50,079.80

Location Details of Approved RSIP Grant Application Projects

Primrose Avenue
CPR Crossing

Mile 55.65 – Belt
Line Subdivision,
Primrose Avenue

Ward 3



Victoria Avenue
CNR Crossing

Mile 42.99 –
Grimsby
Subdivision, Victoria
Avenue North

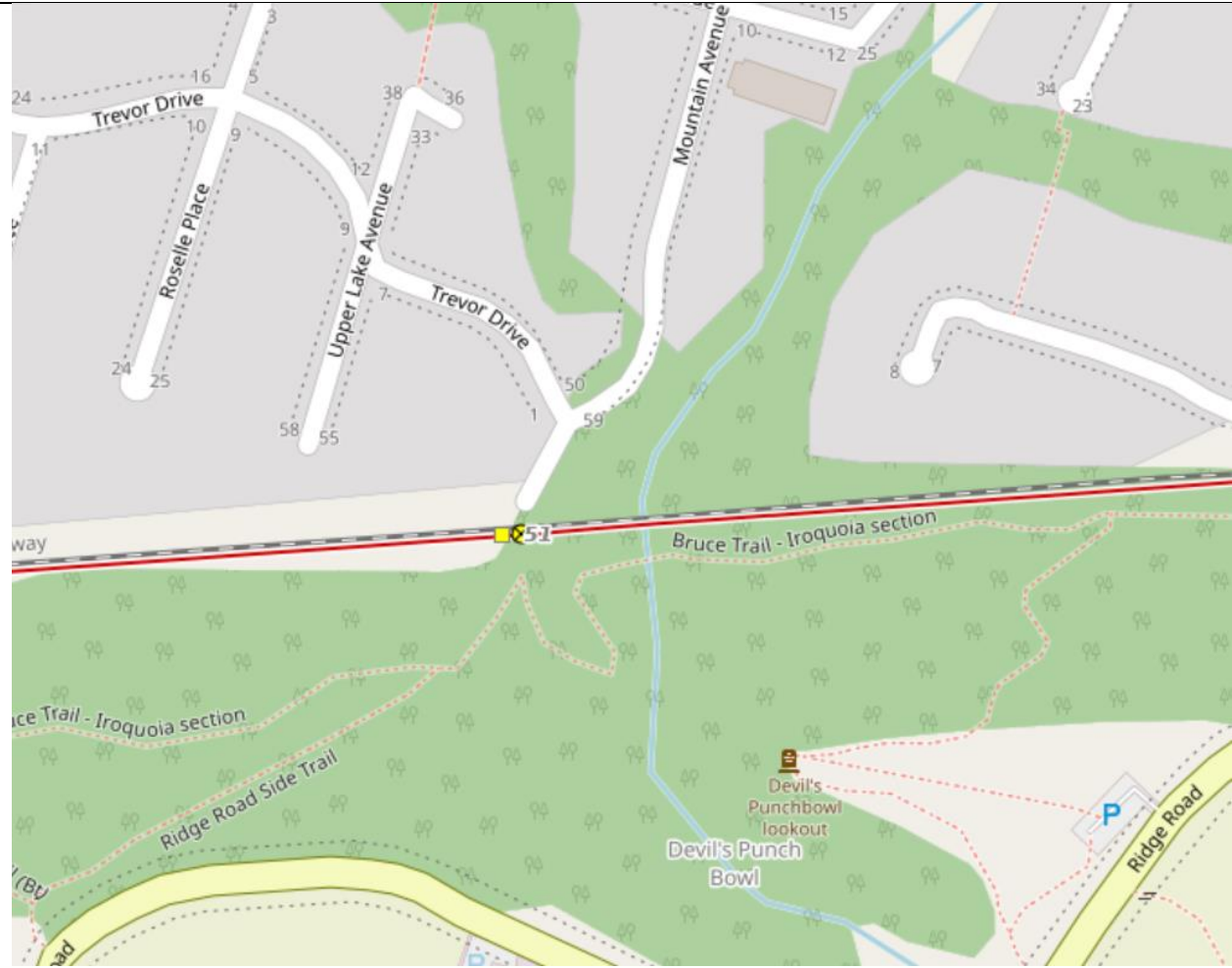
Ward 3



Mountain Avenue
CPR Crossing

Mile 50.95 –
Hamilton Subdivision

Ward 5





CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Transit Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	August 12, 2020
SUBJECT/REPORT NO:	DARTS 2019 Variance Funding (PW20052) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Jason Vander Heide (905) 546-2424 Ext. 2390
SUBMITTED BY:	Debbie Dalle Vedove Director, Transit Public Works Department
SIGNATURE:	

RECOMMENDATION(S)

That the General Manager of Public Works, or their designate, be authorized and directed to pay DARTS an additional \$795,992 from account 12607-006100 for 56,781 additional trips provided for the year 2019, over and above those funds approved within the 2019 Transit Division budget.

EXECUTIVE SUMMARY

Under the Accessibility for Ontarians with Disabilities Act (AODA) Transportation Standard, Specialized Transit providers cannot limit availability to service by restricting the number of trips a person is able to request.

In 2019 DARTS provided an additional 56,781 customer trips over and above the 787,226 customers trips forecasted in the 2019 budget.

DARTS is a not-for-profit, charitable organization that provides the City's specialized door-to-door transportation services to persons with disabilities who are unable to use conventional transit service, under an agreement with the City.

Alternatives for Consideration – Not Applicable

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SUBJECT: DARTS 2019 Variance Funding (PW20052) (City Wide) - Page 2 of 3

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial:

The 2019 approved budget was \$21,749,000 based on 787,226 forecasted trips.

The overall 2019 financial position for the Transit Division includes the DARTS variance of \$795,992 resulting from 56,781 additional trips being delivered. A liability payable to DARTS is accrued for 2019 year-end, and approval of this recommendation will allow the City to reimburse DARTS.

The recommendation has no 2020 cost implications, as the expenditure and associated liability was recorded in the 2019 year-end financial statements of the City.

Staffing: N/A

Legal:

Approval of the recommendation has no legal implications, although failure to approve funding of the variance may be cause for cancellation of the agreement with the City and DARTS.

HISTORICAL BACKGROUND

Under the terms of the contract between the City and DARTS, Council has the authority over budget and service levels.

DARTS is accountable for delivering the agreed upon and forecasted level of service within the approved budget. City staff monitor DARTS performance, tracking service delivery and variances to forecasted trips and budget.

In 2019 DARTS provided an additional 56,781 customer trips over and above the forecasted number of trips that were approved.

An annual budget variance report is prepared by City staff when budget variances result from actual trip delivery exceeding forecasted trips or when expenditures exceed the approved budget.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

As a Specialized Transit provider, the City of Hamilton, under the Accessibility for Ontarians with Disabilities Act (AODA) Transportation Standard, cannot limit availability

SUBJECT: DARTS 2019 Variance Funding (PW20052) (City Wide) - Page 3 of 3

to service by restricting the number of trips a person is able to request. Compliance with this legislated standard was required effective January 1, 2014.

RELEVANT CONSULTATION

Consultation has been undertaken with the Finance and Administration Division of Corporate Services.

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

The overall 2019 financial position for the Transit Division includes the DARTS variance of \$795,992 as a result of 56,781 additional trips being delivered. A liability payable to DARTS is accrued for 2019 year-end, and approval of this recommendation will allow the City to reimburse DARTS.

ALTERNATIVES FOR CONSIDERATION

There are no alternatives to this recommendation.

DARTS is a not-for-profit, charitable organization and maintains no reserves to deal with a net expenditure variance, and as DARTS has remained compliant with AODA legislated requirements by not restricting the number of trips delivered to requesting customers and by delivering additional trips over and above the trips forecasted in the 2019 budget.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**Healthy and Safe Communities**

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Built Environment and Infrastructure

Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

Our People and Performance

Hamiltonians have a high level of trust and confidence in their City government.

APPENDICES AND SCHEDULES ATTACHED

None

9.1

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR S. MERULLA.....

SECONDED BY COUNCILLOR

Replacement of Play Structure at Parkdale Park, 1770 Main Street East, Hamilton (Ward 4)

WHEREAS, the play structure located within Parkdale Park at 1770 Main Street East, Hamilton has reached end of life; and,

WHEREAS, this community amenity is a valuable recreation opportunity for children, youth and families within the McQuesten West, Glenview and Normanhurst neighbourhoods.

THEREFORE; BE IT RESOLVED:

- (a) That the removal of the existing play structure, and the design and installation of a new play structure at 1770 Main Street East (Parkdale Park), Hamilton, at an approximate cost of \$160,000 be funded from the Ward 4 Area Rating Reserve Account (108054), be approved; and,
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to approve and execute any and all required agreements and ancillary documents, in a form satisfactory to the City Solicitor.

9.2

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR S. MERULLA.....

SECONDED BY COUNCILLOR

Replacement of Multi-Use Courts at 390 Melvin Avenue, Hamilton (McQuesten Farm/St. Helen’s Walkway) (Ward 4)

WHEREAS, the two Multi-Use courts located as part of the McQuesten Farm/ St.Helen’s walkway at 390 Melvin Avenue have reached end of life and need to be replaced;

WHEREAS, the community would benefit from having one of the two Multi-Use courts relocated to the adjacent Hillcrest Park at 8 Heath Street; and,

WHEREAS, these community amenities are valuable recreation opportunities for children, youth and families within the McQuesten West and McQuesten East neighbourhoods;

THEREFORE; BE IT RESOLVED:

- (a) That a total of 2 multi-use courts be replaced in the McQuesten neighbourhood at 390 Melvin Avenue (McQuesten Farm/St. Helen’s Walkway), and 8 Heath Street (Hillcrest Park), with an approximate cost of \$230,000 and that \$198,465.81 be funded from the Ward 4 Area Rating Reserve Account (108054), and \$31,534.19 be funded from Ward 4 Capital Reinvestment Account (3301909400) with any unspent funds to be returned to the reserve; and,
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to approve and execute any and all required agreements and ancillary documents, in a form satisfactory to the City Solicitor.

9.3

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR N. NANN.....

SECONDED BY COUNCILLOR

**Low Wall Rebuild at J.C. Beemer Park, 50 Victoria Avenue North, Hamilton
(Ward 3)**

WHEREAS, J.C. Beemer Park is an active neighbourhood park in Ward 3, with recreational amenities supporting the community;

WHEREAS, former Tweedsmuir Public School is recognized in the park by three low bricked walls that act as a gateway and seating to J.C. Beemer Park located at 50 Victoria Avenue North;

WHEREAS, the walls have deteriorated and are at their end of life; and,

WHEREAS, the Environmental Services and Tourism and Culture Divisions are not currently funded to complete the estimated \$10,500 wall rebuild;

THEREFORE, BE IT RESOLVED:

- (a) That Environmental Services staff be directed to initiate a full rebuild of the three low walls, to an upset limit of \$10,500, to be funded from the Ward 3 Capital Reinvestment Account (3301909300); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

9.4

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR L. FERGUSON.....

SECONDED BY COUNCILLOR

Fiddlers Green Road Sidewalk Extension (Ward 12)

WHEREAS, there is a missing section of sidewalk on Fiddlers Green Road, between the Highway 403 bridge and Enmore Avenue; and,

WHEREAS, residents have requested the installation of a sidewalk extension on Fiddlers Green Road, from the Highway 403 bridge to Enmore Avenue, Ancaster to enable walkability and enhance roadway safety;

THEREFORE, BE IT RESOLVED:

- (a) That Public Works staff be authorized and directed to install a sidewalk extension on Fiddlers Green Road, from the Highway 403 bridge to Enmore Avenue, Ancaster, in 2020, at a cost of \$65,000 to be funded from the Ward 12 Area Rating Reserve Account (108030); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

9.5

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR J. FARR.....

SECONDED BY COUNCILLOR

Creation of a Speed Cushion Reserve Account and Installation of Speed Cushions on Ravenscliffe Avenue, Hamilton (Ward 2)

WHEREAS, Ward 2 residents along Ravenscliffe Avenue have requested the installation of speed cushions and have identified safety concerns related to vehicle speeds; and,

WHEREAS, the Ward 2 office would like to establish a speed cushion reserve account to install speed cushions at 3 additional locations, as required;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to install one set of speed cushions on Ravenscliffe Avenue, in 2020, at a total cost not to exceed \$6,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052);
- (b) That a reserve account be established to construct 3 additional sets of speed cushions as required, at a total cost not to exceed \$18,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052); and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

9.6

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR J.P. DANKO.....

SECONDED BY COUNCILLOR

Complete Streets Report (Ward 8)

WHEREAS, Vision Zero and Complete Streets principles are used in the City of Hamilton to provide a safer environment for all road users;

WHEREAS, the Ward 8 office has requested a review of designated neighbourhoods with a focus on Traffic Calming Initiatives at problem locations and to provide a guideline for safety enhancements given the road width, classification, surrounding land use, proximity to schools/playgrounds, access roads from arterials, on-street parking and other considerations; and,

WHEREAS, staff do not have the internal resources to provide a comprehensive report of all designated neighbourhoods in Ward 8;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to retain a consultant to undertake a review of designated Ward 8 neighbourhoods with the intent of providing a Complete Streets report identifying areas of concerns and recommendations to provide a safer environment for all road users based on Vision Zero and Complete Streets principles, to be funded from the Ward 8 Area Rating Reserve Fund (108058) to an upset limit of \$149,999, as per the Purchasing Policy for Roster Assignments; and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

9.7

CITY OF HAMILTON

MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR J.P. DANKO.....

SECONDED BY COUNCILLOR

Investment in Recreational Facilities (Ward 8)

WHEREAS, the majority of City of Hamilton owned facilities and park assets (buildings) in Ward 8 are maintained by the City of Hamilton’s Facilities Operations & Maintenance Section of the Energy, Fleet & Facilities Management Division, Public Works;

WHEREAS, many of the current recreational facilities in Ward 8 are in need of repair and upgrades; and,

WHEREAS, building repairs and improvements related to mechanical replacements, painting, improved lighting, landscaping, minor roof repairs, exterior restoration and overall general maintenance be undertaken at Recreational Facilities including pools, arenas and in parks, throughout Ward 8;

THEREFORE, BE IT RESOLVED:

(a) That staff be authorized and directed to complete the upgrades and repairs to the facilities listed below at the estimated cost of \$100,000, to be funded from the Ward 8 Area Rating Reserve Fund (108058):

- (i) Mountain Arena;
- (ii) Westmount Recreation Centre;
- (iii) Walker Pool;
- (iv) Bruce Park Field House;
- (v) Gourley Park Field House; and,
- (vi) Buchanan Field House;

(b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

Added Item 10.1

CITY OF HAMILTON

NOTICE OF MOTION

Public Works Committee: August 12, 2020

MOVED BY COUNCILLOR T. WHITEHEAD.....

Sir Allan MacNab Tennis Court Improvements (Ward 14)

WHEREAS, two existing Tennis courts located on Hamilton Wentworth District School Board (HWDSB) lands at 145 Magnolia Drive (Sir Allan MacNab High School) provide active recreational use for the Fessenden Neighbourhood community residents and beyond;

WHEREAS, the two tennis courts were constructed and are maintained by the City of Hamilton on HWDSB lands; and,

WHEREAS, the tennis court surfacing is in need of crack repair and coating resurfacing to improve the play quality of the courts;

THEREFORE, BE IT RESOLVED:

- (a) That the existing tennis courts located at 145 Magnolia Drive, Hamilton, be improved with crack repair and coating resurfacing, at a cost of \$40,000, to be funded from the Ward 14 Area Rating Reserve Fund (108064); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.