



## **PUBLIC WORKS COMMITTEE**

### **REPORT 17-014**

**9:30 a.m.**

**Monday, December 4, 2017**

**Council Chambers**

**Hamilton City Hall**

**71 Main Street West**

**Present:** Councillor A. VanderBeek (Chair)  
 Councillor L. Ferguson (Vice Chair)  
 Councillors S. Merulla, C. Collins, T. Whitehead and  
 D. Conley

**Absent with Regrets:** Councillors T. Jackson and R. Pasuta - Personal

### **THE PUBLIC WORKS COMMITTEE PRESENTS REPORT 17-014 AND RESPECTFULLY RECOMMENDS:**

#### **1. Selection of Chair and Vice Chair for 2018 (Item A)**

- (a) That Councillor L. Ferguson be appointed Chair of the Public Works Committee for 2018; and,
- (b) That Councillor T. Jackson be appointed Vice-Chair of the Public Works Committee for 2018.

#### **2. Intersection Control List (PW17001(i)) (Wards 2, 6, 7, 11 and 15) (Item 5.1)**

That the appropriate By-law be presented to Council to provide traffic control as follows:

| Intersection             |                                     |                            | Stop Control Direction |       | Class | Comments / Petition                      | Ward |
|--------------------------|-------------------------------------|----------------------------|------------------------|-------|-------|--|------|
| Street 1                 | Street 2                            | Existing                   | Requested              |       |       |  |      |
| Section “C” Flamborough  |                                     |                            |                        |       |       |  |      |
| (a)                      | Mill Street                         | Albert Street              | WB                     | ALL   | A     | Converting to all-way stop, Clr Approved | 15   |
| Section “E” Hamilton     |                                     |                            |                        |       |       |  |      |
| (b)                      | Hess Street                         | Robinson Street            | EB                     | ALL   | A     | Converting to All-Way Stop, Clr Approved | 2    |
| (c)                      | Queen Victoria Drive                | Rainham Street             | NB                     | ALL   | A     | Converting to All-Way Stop, Clr Approved | 6    |
| (d)                      | Dodson Street                       | McElroy Road               | EB/WB                  | ALL   | A     | Converting to All-Way Stop, Clr Approved | 7    |
| (e)                      | Upper Wentworth Street              | Vineberg Drive             | EB/WB                  | ALL   | B     | Converting to All-Way Stop, Clr Approved | 7    |
| Section “F” Stoney Creek |                                     |                            |                        |       |       |  |      |
| (f)                      | Pinot Crescent                      | Sonoma Lane                | NC                     | SB    | A     | Plan of New Subdivision                  | 11   |
| (g)                      | Sonoma Lane                         | Foothills Lane             | NC                     | All   | A     | Plan of New Subdivision                  | 11   |
| (h)                      | Zinfandel Drive                     | Pinot Crescent             | NC                     | NB    | A     | Plan of New Subdivision                  | 11   |
| (i)                      | Zinfandel Drive                     | Sonoma Lane/Foothills Lane | NC                     | NB/SB | A     | Plan of New Subdivision                  | 11   |
| (j)                      | Zinfandel Drive /Sauvignon Crescent | Foothills Lane             | NC                     | WB/EB | A     | Plan of New Subdivision                  | 11   |

**Legend**

No Control Existing (New Subdivision) - **NC**

Intersection Class: **A** - Local/Local **B** - Local/Collector **C** - Collector/Collector **D** – Arterial/Arterial

**E** – Arterial/Collector

**3. 2018 Volunteer Committee Budget – Keep Hamilton Clean and Green Committee (PW17098) (City Wide) (Item 5.4)**

- (a) That the Keep Hamilton Clean and Green Advisory Committee's 2018 base budget submission attached as Appendix A to PW Report 17-014 in the amount of \$18,250, be approved and referred to the 2018 budget process for consideration;

- (b) That, in addition to the base funding, a one-time budget allocation for 2018 of \$2,000, funded by the Keep Hamilton Clean & Green Committee reserve, be approved and referred to the 2018 budget process for consideration.

**4. Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 1246 Scenic Drive, Hamilton (PW17102) (Ward 12) (Item 6.1)**

That the application of the owner of 1246 Scenic Drive, Hamilton, to permanently close and purchase a portion of road allowance abutting the east side of 1246 Scenic Drive, Hamilton ("Subject Lands") as shown on Appendix B to PW Report 17-014, be approved, subject to the following conditions:

- (a) That the City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the highway, for enactment by Council;
- (b) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed highway to the owner of 1246 Scenic Drive, Hamilton, in accordance with By-law 14-204 (Sale of Land Policy), at fair market value;
- (c) That the City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the highway in the proper land registry office;
- (d) That the Public Works Department publish any required notice of the City's intention to pass the by-laws and/or permanently sell the closed highway pursuant to City of Hamilton By-law 14-204 (Sale of Land Policy);
- (e) That the applicant enters into agreements with any Public Utility requiring easement protection;
- (f) That the City retains a 10 foot strip along the existing road;
- (g) That the applicant deposit a reference plan under the Registry Act and that said plan be prepared by an Ontario Land Surveyor to the satisfaction of the Manager, Geomatics and Corridor Management Section, and that the applicant deposit a reproducible copy of said plan with the Manager, Geomatics and Corridor Management Section.

**5. Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 75 Steel City Court, Hamilton (PW17106) (Ward 4) (Item 6.2)**

That the application of the owner of 75 Steel City Court, Hamilton, to permanently close and purchase a portion of road allowance abutting the south/east side of 75 Steel City Court, Hamilton ("Subject Lands"), as shown on Appendix C to PW Report 17-014, be approved, subject to the following conditions:

- (a) That the City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the highway, for enactment by Council;
- (b) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed highway to the owner of 75 Steel City Court, Hamilton, in accordance with By-law 14-204 (Sale of Land Policy), at fair market value;
- (c) That the City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the highway in the proper land registry office;
- (d) That the Public Works Department publish any required notice of the City's intention to pass the by-laws and/or permanently sell the closed highway pursuant to City of Hamilton By-law 14-204 (Sale of Land Policy);
- (e) That the applicant enters into agreements with the City of Hamilton and any Public Utility requiring easement protection;
- (f) That the City retains rights to a 6 metre strip to facilitate a multi-use trail, such rights to be satisfactory to the General Manager of Public Works and in a form satisfactory to the City Solicitor;
- (g) That the applicant deposit a reference plan under the Registry Act and that said plan be prepared by an Ontario Land Surveyor to the satisfaction of the Manager, Geomatics and Corridor Management Section, and that the applicant deposit a reproducible copy of said plan with the Manager, Geomatics and Corridor Management Section.

**6. Proposed Permanent Closure and Sale of Portions of Public Unassumed Alleys Abutting 34 Alma Street and 31 Victoria Street, Dundas (PW17048(a)) (Ward 13) (Item 6.3)**

That the application of the owners of 34 Alma Street and 31 Victoria Street, Dundas, to permanently close and purchase a portion of the north/south and east/west public unassumed alleyways abutting the side of 34 Alma Street and the rear of 31 Victoria Street, Dundas ("Subject Lands") respectively, as shown

on Appendix D to PW Report 17-014 be approved, subject to the following conditions:

- (a) That the applicant makes an application to the Ontario Superior Court of Justice, under Section 88 of the Registry Act, for an order to permanently close the Subject Lands, if required by the City, subject to:
  - (i) The General Manager of Public Works, or designate, signing the appropriate documentation to obtain any required court order; and
  - (ii) The documentation regarding any required application to the Ontario Superior Court of Justice being prepared by the applicant, to the satisfaction of the City Solicitor;
- (b) That the applicant be fully responsible for the deposit of a reference plan in the proper land registry office, and that said plan be prepared by an Ontario Land Surveyor to the satisfaction of the Manager, Geomatics and Corridor Management Section and that the applicant also deposit a reproducible copy of said plan with the Manager, Geomatics and Corridor Management Section;
- (c) That, subject to any required application to the Ontario Superior Court of Justice to permanently close the Subject Lands being approved:
  - (i) The City Solicitor be authorized and directed to prepare any necessary by-laws to permanently close and sell the alleyways, for enactment by Council;
  - (ii) The Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed alleyways to the owners of 34 Alma Street and 31 Victoria Street, Dundas as described in Report PW17048(a), in accordance with Sale of Land Policy By-law 14-204, for a nominal fee;
  - (iii) The City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the alleyways in the proper land registry office;
  - (iv) The Public Works Department provide any required notice of the City's intention to pass the by-laws and/or permanently sell the closed alleyways pursuant to City of Hamilton Sale of Land Policy By-law 14-204;
- (d) That the applicant enters into agreements with any Public Utility requiring easement protection;

- (e) That the applicant enters into private agreements with those property owners abutting the north – south portion of the Subject Lands, to allow those property owners unobstructed access to their properties over the north-south portion of the Subject Lands.

**7. Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 1170 Upper James Street, Hamilton (PW17100) (Ward 8) (Item 6.4)**

That the application of the owner of 1170 Upper James Street, Hamilton, to permanently close and purchase a portion of road allowance abutting the north side of 1170 Upper James Street, Hamilton, as shown on Appendix E to PW Report 17-014, (“Subject Lands”) be approved, subject to the following conditions:

- (a) That the City Solicitor be authorized and directed to prepare all necessary by-laws to permanently close and sell the highway for enactment by Council;
- (b) That the Real Estate Section of the Planning and Economic Development Department be authorized and directed to sell the closed highway to the owner of 1170 Upper James Street, Hamilton, in accordance with By-law 14-204 (Sale of Land Policy), at fair market value;
- (c) That the City Solicitor be authorized and directed to register a certified copy of the by-laws permanently closing and selling the highway in the proper land registry office;
- (d) That the Public Works Department provide any required notice of the City’s intention to pass the by-laws and/or sell the permanently closed highway pursuant to City of Hamilton By-law 14-204 (Sale of Land Policy) and the Public Notice Policy By-Law;
- (e) That the applicant enters into agreements with any Public Utility requiring easement protection;
- (f) That the applicant deposit a reference plan under the Registry Act and that said plan be prepared by an Ontario Land Surveyor to the satisfaction of the Manager, Geomatics and Corridor Management Section, and that the applicant deposit a reproducible copy of said plan with the Manager, Geomatics and Corridor Management Section;
- (g) That as both the expropriating authority and the approving authority, the sale of the Subject Lands, being previously expropriated lands, is approved in accordance with section 42 of the Expropriations Act.

**8. Central Composting Facility Odour Mitigation Update (PW17099) (City Wide) (Outstanding Business List Item) (Item 8.1)**

That Report PW17099 respecting the Central Composting Facility Odour Mitigation Update, be received.

**9. Sale of Merchant Capacity at the Hamilton Central Composting Facility (CCF) (PW17031) (City Wide) (Item 8.2)**

- (a) That staff be directed to execute the extension of current merchant capacity contracts at the Hamilton Central Composting Facility (CCF);
- (b) That, following the implementation of long-term odour mitigation measures at the CCF, staff be directed to respond to proposals for processing Source Separated Organics in a form that is satisfactory to the General Manager of Public Works;
- (c) That such proposals be accepted only where, in the opinion of staff, there will be a net financial benefit to the City resulting from the acceptance of said proposal;
- (d) That the General Manager of Public Works be authorized and directed to execute all required documents to enter into the agreements in a form satisfactory to the City Solicitor;
- (e) That 50% of the revenue from merchant capacity contracts be placed into Reserve Account #112271 (WM Facilities – Replace – Upgrade) with the remaining 50% of revenue directed to Operating Account #512725 where it is used to offset operating costs at the CCF;
- (f) That staff provide regular updates to the Public Works Committee on the implementation of the long-term odour mitigation measures at the CCF.

**10. Red Light Camera Program – New Sites for 2018 (PW17103) (City Wide) (Item 8.3)**

That the following locations be approved for the installation of Red Light Cameras in 2018:

- (a) Twenty Road at Upper James Street – Southbound (Ward 11);
- (b) Cannon Street at James Street – Northbound (Ward 2);
- (c) Fennell Avenue at Upper James Street – Northbound (Ward 7/8);
- (d) Wentworth Street at Wilson Street – Southbound (Ward 3);
- (e) Stone Church Road at Upper Gage Avenue – Eastbound (Ward 6).

**11. Advanced Traffic Management System (ATMS) – City Wide Phase (PW15006(a)) (City Wide) (Item 8.4)**

- (a) That Kimley-Horn & Associates be approved under Procurement Policy #14 Standardization to:
  - (i) Supply all goods and services associated with the city wide phase of the Advanced Traffic Management System (ATMS) implementation for an estimated total one time contract amount of \$1,742,000;
  - (ii) Provide ongoing maintenance of the KITS-Kadence Advance Traffic Management System for an estimated four year contract amount of \$268,000 with the terms of the service maintenance agreements ending on December 31, 2021;
- (b) That \$982,000 of the \$1,742,000 for the City Wide ATMS implementation be funded from the approved 2017 Capital Project ID 4661720001 – ATMS;
- (c) That \$760,000 of the \$1,742,000 for the Transit Signal Priority development be funded from the approved Public Transit Infrastructure Fund Project #HAM-005, Project ID 5301755700 Transit Priority Measures on A line;
- (d) That the Annual Maintenance fee estimated at \$67,000 per year (four year contract amount \$268,000) be funded from the Traffic Operations & Engineering annual operating account 55916-466045;
- (e) That the General Manager of Public Works, or their designate, be authorized and directed to enter into and sign, on behalf of the City of Hamilton, in a form satisfactory to the City Solicitor, all negotiated agreements and associated documents to implement recommendation (a) with Kimley-Horn & Associates.



**12. Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW17101) (City Wide) (Item 8.5)**

- (a) That the standardization of the products, services and suppliers identified in Appendices F, G and H to PW Report 17-014 pursuant to Procurement Policy #14 – Standardization be approved as the single source of supply for the listed equipment, parts, supplies and services for the Hamilton Water Division;
- (b) That the General Manager of Public Works, or his 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 PW17101 with content acceptable to the General Manager of Public Works, and in a form satisfactory to the City Solicitor;
- (c) That the General Manager of Public Works, or his designate, be authorized, in the event that a supplier identified in Appendices A, B and C to Report PW17101 undergoes a name change, to amend any Contracts executed and any ancillary documents as required in a form satisfactory to the City Solicitor.

**FOR INFORMATION:**

**(a) APPROVAL OF THE AGENDA (Item 1)**

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

**1. ADDED NOTICES OF MOTION (Item 10)**

10.1 Waste Audits and Recycling in City of Hamilton Public Locations

The Agenda for the December 4, 2017 meeting of the Public Works Committee was approved, as amended.

**(b) DECLARATIONS OF INTEREST (Item 2)**

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) November 13, 2017 (Item 3.1)**

The Minutes of the November 13, 2017 Public Works Committee meeting were approved, as presented.

**(d) DELEGATION REQUESTS (Item 4)**

**(i) Lino Tavares respecting Speeding on Market Street South, Dundas (Item 4.1)**

The delegation request from Lino Tavares respecting Speeding on Market Street South, Dundas, was approved for a future meeting.

**(ii) Arthur Gallant respecting Low-income Transit Options (Item 4.2)**

The delegation request from Arthur Gallant respecting Low-income Transit Options, was approved for a future meeting.

**(e) CONSENT ITEMS (Item 5)**

**(i) Minutes of the Glanbrook Landfill Coordinating Committee dated September 25, 2017 (Item 5.2)**

The Minutes of the Glanbrook Landfill Coordinating Committee dated September 25, 2017, were received.

**(ii) Minutes 17-002 of the Accessible Transit Service Review Sub-Committee dated July 26, 2017 (Item 5.3)**

The Minutes 17-002 of the Accessible Transit Service Review Sub-Committee dated July 26, 2017, were received.

**(f) PUBLIC HEARINGS / DELEGATIONS (Item 6)**

**(i) Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 1246 Scenic Drive, Hamilton (PW17102) (Ward 12) (Item 6.1)**

Chair VanderBeek advised that notice of the proposed closure and sale of a Portion of Road Allowance Abutting 1246 Scenic Drive, Hamilton was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

The Committee Clerk advised that no individuals registered to speak to the matter.

The Chair asked if there were any members of the public in attendance who wished to come forward to speak to the matter. No individuals came forward.

For disposition of this matter, refer to Item 4.

**(ii) Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 75 Steel City Court, Hamilton (PW17106) (Ward 4) (Item 6.2)**

Chair VanderBeek advised that notice of the proposed closure and sale of a Portion of Road Allowance Abutting 75 Steel City Court, Hamilton was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

The Committee Clerk advised that no individuals registered to speak to the matter.

The Chair asked if there were any members of the public in attendance who wished to come forward to speak to the matter. No individuals came forward.

For disposition of this matter, refer to Item 5.

**(iii) Proposed Permanent Closure and Sale of Portions of Public Unassumed Alleys Abutting 34 Alma Street and 31 Victoria Street, Dundas (PW17048a) (Ward 13) (Item 6.3)**

Chair VanderBeek advised that notice of the proposed closure and sale of Portions of Public Unassumed Alleys Abutting 34 Alma Street and 31 Victoria Street, Dundas was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

The Committee Clerk advised that no individuals registered to speak to the matter.

The Chair asked if there were any members of the public in attendance who wished to come forward to speak to the matter. No individuals came forward.

For disposition of this matter, refer to Item 6.

**(iv) Proposed Permanent Closure and Sale of a Portion of Road Allowance Abutting 1170 Upper James Street, Hamilton (PW17100) (Ward 8) (Item 6.4)**

Chair VanderBeek advised that notice of the proposed closure and sale of a Portion of Road Allowance Abutting 1170 Upper James Street, Hamilton was given as required under the City's By-law #14-204 – the Sale of Land Policy By-law.

The Committee Clerk advised that no individuals registered to speak to the matter.

The Chair asked if there were any members of the public in attendance who wished to come forward to speak to the matter. No individuals came forward.

For disposition of this matter, refer to Item 7.

**(g) DISCUSSION ITEMS (Item 8)**

**(i) Sale of Merchant Capacity at the Hamilton Central Composting Facility (CCF) (PW17031) (City Wide) (Item 8.2)**

Report PW17031 respecting the Sale of Merchant Capacity at the Hamilton Central Composting Facility (CCF), tabled at the April 20, 2017 meeting of the Public Works Committee, was LIFTED from the table and amended to read as follows:

- ~~**(a) That City staff be directed to seek out and enter into strategic partnerships to promote and sell merchant capacity at the City's Central Composting Facility;**~~
- (a) That staff be directed to execute the extension of current merchant capacity contracts at the Hamilton Central Composting Facility (CCF);**
- (b) That, following the implementation of long-term odour mitigation measures at the CCF** staff be directed to respond to proposals for processing Source Separated Organics in a form that is satisfactory to the General Manager of Public Works;
- (f) That staff provide regular updates to the Public Works Committee on the implementation of the long-term odour mitigation measures at the CCF.**

For disposition of this matter, refer to Item 9.

**(ii) Proactive Enforcement at Albion Falls (PED17207) (City Wide)  
(Outstanding Business List) (Item 8.6)**

Report PED17207 respecting Proactive Enforcement at Albion Falls, was TABLED to the January 14, 2018 meeting of the Public Works Committee.

**(h) NOTICES OF MOTION (Item 10)**

**(i) Waste Audits and Recycling in City of Hamilton Public Locations  
(Added Item 10.1)**

Councillor Collins introduced the following Notice of Motion:

- (a) That staff be directed to conduct waste audits in 2018 to review the materials collected and the contamination rates in the City's public space recycling containers located in select City parks, BIAs, and other City-owned public areas; and,
- (b) That the results of the audit be utilized to develop an enhanced public recycling plan to increase the number of recycling containers in staffed parks and other City-owned public areas with the goal of increasing the City's waste diversion and recycling rates in consideration of the requirements addressed in the provincial *Waste-Free Ontario Act*; and,
- (c) That the plan, and associated cost of implementation, be presented to the Public Works Committee for consideration.

**(i) GENERAL INFORMATION/OTHER BUSINESS (Item 11)**

**(i) Changes to the Outstanding Business List (Item 11.1)**

The following changes to the Outstanding Business List were approved:

**11.1 Changes to the Outstanding Business List:**

- (a) Items requiring a revised due date:

Review and Update Option 4 - Strategic Renewal and  
New Construction Strategy  
Current Date: October 30, 2017  
Revised Date: April 5, 2018

Waste Management System Development - Waste Management Systems Alternatives and Resources Recovery and Circular Economy Act  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Full Review of Aberdeen Ave. from Queen to Longwood  
Current Date: December 4, 2017  
Revised Date: Q1 2019

Making Upper James Street More Pedestrian Friendly  
Current Date: December 4, 2017  
Revised Date: Q4 2018

Expansion of the RHVP and LINC  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Feasibility of Implementing the Hamilton Harbour Remedial Action Plan (Urban Runoff and Nutrient and Sediment Management)  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Feasibility of implementing the Hamilton Harbour Remedial Action Plan (Erosion and Sediment Control)  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Dundas Wastewater Treatment Plant and Cootes Paradise  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Traffic Incidents on the Linc and Red Hill  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Status Report about Issues Relating to the Linc and Red Hill  
Current Date: December 4, 2017  
Revised Date: January 15, 2018

Everyone Rides Pilot Project  
Current Date: December 4, 2017  
Revised Date: March 19, 2018

Functional Traffic Study for Kenilworth Ave from Main to  
Barton

Current Date: December 4, 2017

Revised Date: June 18, 2018

**(ii) Lighting on the Red Hill Valley Parkway (Added Item 11.2)**

Staff were directed to report back to the Public Works Committee on the cost of installing brighter lights on the southern portion of the Red Hill Valley Parkway (RHVP) and that the report also address what, if any, impact the brighter lighting may have on the Environmental Assessment currently in place for the RHVP.

**(j) ADJOURNMENT (Item 13)**

There being no further business, the Public Works Committee adjourned at 10:05 a.m.

Respectfully submitted,

Councillor A. VanderBeek, Chair  
Public Works Committee

Lauri Leduc  
Legislative Coordinator  
Office of the City Clerk

# **CITY OF HAMILTON**

**2018**

**ADVISORY COMMITTEES**

**BUDGET SUBMISSION**

**Keep Hamilton Clean and Green Advisory Committee**



## PART A: General Information

### ADVISORY COMMITTEE MEMBERS:

|                            |  |
|----------------------------|--|
| Larry Husack, Chair        | Rick Lipsitt                               |
| Ron Speranzini, Vice Chair | Marisa DiCenso, HWCDSB Rep                 |
| Lennox Toppin              | Clr. Chad Collins – Council Rep            |
| Bruce Thomson              | Clr. Tom Jackson – Council Rep             |
| Mallory Pace               | Clr. Maria Pearson – Alternate Council Rep |
| Allan Mills                | Diedre Rozema (Staff Liaison)              |
| Dave Bazowsky              |  |

### MANDATE:

Reporting through the Public Works Committee, the Keep Hamilton Clean & Green (KHCG) committee will provide input and advice to staff and Council on engaging citizens to take greater responsibility for improving our community environments. The KHCG's primary focus is on effecting behaviours and attitudes conducive to a clean, healthy and safe community through leadership and action.

The committee will provide input and guidance to City staff, Council and other stakeholders on community involvement, private sector involvement and identification of resources to sustain Clean & Green Hamilton programs and initiatives that aim to beautify our community, promote environmental stewardship and prevent litter, illegal dumping and graffiti.

## PART B: Strategic Planning

### STRATEGIC OBJECTIVES:

#### Litter

- Lead the development and marketing of a coordinated cigarette litter prevention program.
- Lead the promotion and collaboration with community partners for the implementation of Team Up to Clean Up.
- Administer Keep America Beautiful's Community Appearance Index survey in 2017.
- Support and promote City and community litter remediation and prevention initiatives.

#### Illegal Dumping

- Support the development of educational and communication tools to prevent illegal dumping.

#### Graffiti

- Support stakeholder engagement strategies and victim assistance initiatives with prevention and remediation tools.

#### Beautification

- Recognize volunteer contributions to beautification initiatives and projects that support the Clean & Green Hamilton Strategy.
- Support neighbourhood beautification and greening initiatives as needed.

#### Environmental Stewardship

- Support and promote the engagement of citizen volunteers in programs and initiatives that encourage ecological integrity and minimize human impact on natural habitats and ecosystems on public and private properties.

**ALIGNMENT WITH CORPORATE GOALS:**

| Please check off which Council approved Strategic Commitments your Advisory Committee supports |   |                                 |   |
|--|---|---------------------------------|---|
| 1) Community Engagement & Participation  | ✓ | 2) Economic Prosperity & Growth |   |
| 3) Healthy & Safe Communities  | ✓ | 4) Clean & Green                | ✓ |
| 5) Built Environment & Infrastructure  |   | 6) Culture & Diversity          |   |
| 7) Our People & Performance  |   |                                 |   |

**PART C: Budget Request**

**INCIDENTAL COSTS:**

|  |                |
|--|----------------|
| Meeting Refreshments                       | \$1,375        |
| Keep America Beautiful Network Service Fee | 525            |
| Training/Workshops                         | 2,750          |
| Parking                                    | 250            |
| <b>SUB TOTAL</b>                           | <b>\$4,900</b> |

**SPECIAL EVENT/PROJECT COSTS:**

|   |                 |
|---|-----------------|
| Litter/Illegal Dumping prevention, citizen engagement and public education initiatives. | \$8,175         |
| Graffiti prevention and victim assistance initiatives.                                  | 2,000           |
| Beautification and greening, volunteer recognition and neighbourhood initiatives.       | 3,175           |
| Environmental stewardship citizen engagement.   | 2,000           |
| <b>SUB TOTAL</b>  | <b>\$15,350</b> |

|                    |                 |
|--------------------|-----------------|
| <b>TOTAL COSTS</b> | <b>\$20,250</b> |
|--------------------|-----------------|

|   |                |
|---|----------------|
| <b>Funding from Advisory Committee Reserve ( only available to Advisory Committees with reserve balances)</b> | <b>\$2,000</b> |
|---|----------------|

|   |                 |
|---|-----------------|
| <b>TOTAL 2018 BUDGET REQUEST (net of reserve funding)</b>           | <b>\$20,250</b> |
| <b>PREVIOUS YEAR (2017) APPROVED BUDGET (2017 Request \$18,250)</b> | <b>\$18,250</b> |

**CERTIFICATION:**

Please note that this document is a request for a Budget from the City of Hamilton Operating budget. The submission of this document does not guarantee the requested budget amount. Please have a representative sign and date the document below.

**Representative's Name:** Larry Husack, Chair



**Signature:** \_\_\_\_\_

**October 17, 2017**

**Date:** \_\_\_\_\_

**Telephone # :** Staff Liaison Diedre Rozema, extension 5089



Hamilton

PROPOSED CLOSURE OF ROAD ALLOWANCE  
AT 1246 SCENIC DRIVE

Geomatics & Corridor Management Section  
Public Works Department

LEGEND

 Lands to be Closed

NTS  
30/10/17  
Sketch By: KM





PROPOSED CLOSURE OF ROAD:  
75 STEEL CITY COURT

Geomatics & Corridor Management Section  
Public Works Department

LEGEND

 Lands to be Closed

NTS  
08/11/2017  
Sketch By: KM



Hamilton

PROPOSED CLOSURE OF PORTIONS OF UNASSUMED ALLEY BETWEEN:  
VICTORIA STREET AND ALMA STREET

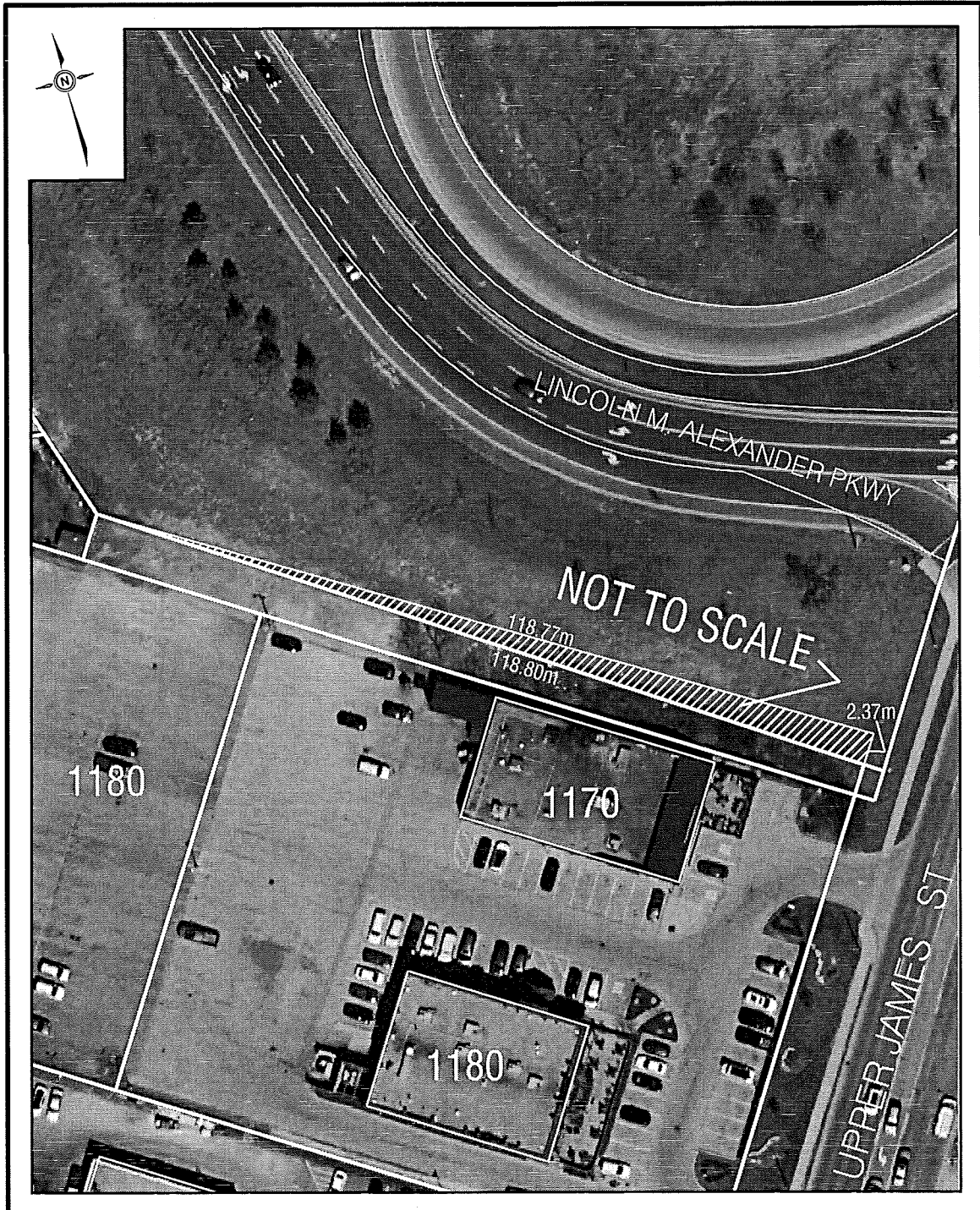
Geomatics & Corridor Management Section  
Public Works Department

LEGEND

 Lands to be Closed

NTS  
06/28/2017  
Sketch By: KM





PROPOSED CLOSURE OF PORTION OF PUBLIC  
HIGHWAY AT 1170 UPPER JAMES STREET, HAMILTON

Geomatics & Corridor Management Section  
Public Works Department

LEGEND

 Lands to be Closed

NTS | 15/08/2017 | Sketch by: KM

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

Appendix F to  
Item 12 of  
PW Report 17-014

| Vendor Name  | Manufacturer | Service | Distributor | Goods  | Services  | Account # | Dept Id.   | Annual \$<br>2017      | Annual \$<br>2016      | Annual \$<br>2015      |
|--|--------------|---------|-------------|--|---|-----------|------------|------------------------|------------------------|------------------------|
| Airon HVAC Services Ltd.                                 | X            | X       | X           | Provide all Labour, Equipment and Materials necessary to service and maintain the Laboratory's only Makeup Air Unit (MAU)  | The MAU (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 | 55916     | 510310     | \$60,000               | \$50,000               | \$45,000               |
| Abraxis, LLC (US Company)                                | X            |         | X           | Instruments, parts, supplies and service for microcystins ELISA analysis   | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$9,300                | \$10,150               | \$7,900                |
| Agilent Technologies Canada, Inc.                        | X            | X       | X           | Instruments, parts, supplies and service for trace metal (Varian Vista-PRO Axial CCD and SpetraAA 220FS) 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) | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$13,650               | \$21,721               | \$14,347               |
|  |              |         |             |  |   | 54920     | 510250     | \$56,437               | \$58,649               | \$49,701               |
| Canadian Association for Laboratory Accreditation (CALA) |              | X       |             | Laboratory Accreditation Services and Laboratory Performance Testing Samples   | On site ISO 17025 Laboratory Assessments and Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation   | 53132     | 510250     | \$2,000                | \$22,617               | \$18,555               |
| CEM Corporation  | X            | X       | X           | Instruments, parts, supplies and service for Discover SP-D Microwave System  | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$0                    | \$3,227                | \$0                    |
| Delta Scientific Laboratory Products Ltd.                |              |         | X           | Certified reference standards and laboratory consumables   | Provider of specialized standards and consumables utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation  | 53051     | 510250     | align="right">\$17,552 | align="right">\$24,156 | align="right">\$11,317 |
| Phenova (Wibby)  | X            |         |             |  |   |           |            |                        |                        |                        |
| High-Purity Standards                                    | X            |         |             |  |   |           |            |                        |                        |                        |
| O2SI   | X            |         |             |  |   |           |            |                        |                        |                        |
| Inorganic Ventures                                       | X            |         |             |  |   |           |            |                        |                        |                        |
| Instruments Canada Company Ltd.                          |              | X       |             | Providing on-site calibration services for the laboratory certified thermometers and digesters   | Providing on-site calibration services for the laboratory certified thermometers and digesters  | 54920     | 510250     | \$5,694                | \$5,331                | \$5,592                |
| Magnetar Corporation                                     | X            |         |             | Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database  | Maintenance and Upgrades to laboratory information management system (LIMS) database  | 53251     | 5161669075 | \$20,000               | \$21,003               | \$18,629               |
|  |              |         |             |  |   | 54920     | 5161669075 | \$17,000               | \$14,090               | \$14,090               |
| Mandel Scientific Company Inc.                           | X            |         |             | Instruments, parts, supplies and service for PC-Titrate™ Chemistry System and three Lab Grade Lancer Dishwashers   | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$5,625                | \$6,949                | \$4,206                |
|  |              |         |             |  |   | 54920     | 510250     | \$12,056               | \$11,705               | \$10,964               |
| Millipore Canada Ltd.                                    | X            |         |             | Parts, supplies and service for Laboratory water purification systems for trace analysis   | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$11,482               | \$9,036                | \$10,312               |
|  |              |         |             |  |   | 54920     | 510250     | \$3,584                | \$1,689                | \$922                  |
| PerkinElmer Health Sciences Canada, Inc.                 | X            |         |             | Instruments, parts, supplies and service for Flow Injection Mercury System.  | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory  | 53051     | 510250     | \$0                    | \$2,580                | \$35                   |



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

Appendix F to  
Item 12 of  
PW Report 17-014

| Vendor Name                                     | Manufacturer | Service | Distributor | Goods  | Services   | Account # | Dept Id. | Annual \$<br>2017 | Annual \$<br>2016 | Annual \$<br>2015 |
|---|--------------|---------|-------------|--|--|-----------|----------|-------------------|-------------------|-------------------|
| SGS Canada Inc.                                 |              | X       |             | Laboratory Analytical Services Accredited to ISO 17025 and MOECC Licensed for regulatory drinking water analysis for specific tests listed in their scope of analysis. | Provider of analytical testing services for CHEL's surplus analysis  | 55916     | 510250   | \$100,000         | \$52,435          | \$96,285          |
| Sigma-Aldrich Canada Ltd. or Signma-Aldrich USA | X            |         | X           | SUPELCO and RTC Analytical certified reference standards, certified proficiency testing standards and SUPELCO laboratory consumables                                   | Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation           | 53051     | 510250   | \$10,634          | \$11,075          | \$11,128          |
| Skalar Inc.                                     | X            |         |             | Instruments parts, supplies and service for Skalar Automated Chemistry Systems   | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory                   | 53051     | 510250   | \$8,000           | \$10,953          | \$10,166          |
|   |              |         |             |  |  | 54920     | 510250   | \$7,795           | \$7,295           | \$6,995           |
| Systems Plus (598076 Ontario Inc.)              | X            |         | X           | Supplier 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 | 53051     | 510250   | \$46,500          | \$41,583          | \$42,476          |
| Thermo Fisher Scientific                        | X            |         |             | Instruments, parts, supplies and service for anion analysis  | OEM spare parts, supplies and services for existing equipment utilized by the Environmental Laboratory                   | 53051     | 510250   | \$14,689          | \$14,897          | \$16,533          |
|   |              |         |             |  |  | 54920     | 510250   | \$11,151          | \$9,545           | \$11,964          |
| VWR International Ltd.                          |              |         | X           | Supplier of Single Blind Reference Standards   | Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation           |           |          |                   |                   |                   |
| Environmental Resource Associates (ERA)         | X            |         |             |  |  | 53132     | 510250   | \$20,620          | \$20,679          | \$20,803          |
|   |              |         |             |  |  |           |          | \$453,769         | \$431,364         | \$427,921         |

| Vendor Name                           | Manufacturer | Service | Distributor | Goods   | Services  | Account #               | Dept Id. | Annual Spent<br>2017 | Annual Spent<br>2016 | Annual Spent<br>2015 |
|---------------------------------------|--------------|---------|-------------|---|---|-------------------------|----------|----------------------|----------------------|----------------------|
| 4IMAC INC                             |              | x       |             | CMMS Software   | Technical support for the modification of the City's existing Computerized Maintenance System   | 55916                   | 510320   | \$33,249.75          | \$0.00               | \$31,872.50          |
| INFOR                                 | x            |         | x           |   |   |                         |          |                      |                      |                      |
| ALLWELD                               | x            | x       | x           | Screw Conveyor System for the loading Biosolids (name change from A & F Industries)   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051<br>54720          | 510320   | \$0.00               | \$0.00               |                      |
| A W CHESTERTON CO LTD                 | x            |         | x           | Chesterton mechanical seals for the pumps in the main pump house at the WWTP, Auto Lubes through the plant  | OEM spare parts to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$0.00               | \$0.00               |                      |
| ACI INSTRUMENTATION LTD               |              | x       | x           | Krohne Flow Meters, Primary controller, secondary measuring element, control cabling, miscellaneous equipment, HydroFlow for Struvite Control   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$8,679.88           | \$9,537.30           | \$2,620.00           |
| KHRONE                                | x            |         |             |   |   |                         |          |                      |                      |                      |
| HydroFlow                             | x            |         |             |   |   |                         |          |                      |                      |                      |
| AERZEN CANADA INC.                    | x            | x       | x           | Aerzen Blowers currently provide air for Dundas Aeration and Woodward TSB   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051<br>54720          | 510320   | \$12,924.16          | \$0.00               |                      |
| ALFA LAVAL INC.                       | x            | x       | x           | Centrifuges, specialized equipment, specialized testing   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051<br>54720<br>55916 | 510320   | \$0.00               | \$0.00               | \$83,174.93          |
| AVENSYS SOLUTIONS INC.                |              | x       | x           | Fluid Components International (FCI) methane gas flow meters, Wastewater samplers   | OEM spare parts, equipment and services (TSSA licensed certificate holder for gas) to maintain existing equipment utilized by Plant Operations. | 53051                   | 510320   | \$995.53             | \$6,875.80           | \$960.00             |
| Fluid Components International        | x            |         |             |   |   |                         |          |                      |                      |                      |
| C & M ENVIRONMENTAL TECHNOLOGIES INC. |              | x       | x           | Environmental Dynamics International aeration diffuser bubbler system and Polychem Products flight & chains currently installed in Dundas WWTP and Woodward SPIRAC liners for headworks screen conveyors. | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$78,257.29          | \$36,797.34          |                      |
| Environmental Dynamics                | x            |         |             |   |   |                         |          |                      |                      |                      |
| Brentwood Industries                  | x            |         |             |   |   |                         |          |                      |                      |                      |
| SPIRAC                                | x            |         |             |   |   |                         |          |                      |                      |                      |
| CAN-AM INSTRUMENTS LTD.               |              | x       | x           | Hach/ Sigma samplers, pumps, motors, drives and other miscellaneous equipment.  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$14,262.19          | \$18,413.97          |                      |
| Hach                                  | x            |         |             |   |   |                         |          |                      |                      |                      |
| CANCOPPAS LIMITED                     |              | x       | x           | Hydrovislon Flow Meter for Woodward WWTP Effluent Channel   | OEM spare parts and services to maintain existing equipment utilized by Plant Operations.   | 53051                   | 510320   | \$2,617.24           | \$14,845.69          | \$815.00             |
| Hydrovislon                           | x            |         |             |   |   |                         |          |                      |                      |                      |
| CONVAL PROCESS SOLUTIONS INC.         |              |         | x           | Golden Anderson Pressure Reducing Valves (PRV)  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$14,400.72          | \$16,924.01          | \$13,052.47          |
| Golden Anderson                       | x            |         |             |   |   |                         |          |                      |                      |                      |
| DEVINE & ASSOCIATES LTD.              |              |         | x           | Cla-Val Pressure Reducing Valves (PRV), controllers and positioners   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$7,751.86           | \$1,159.38           |                      |
| Cla-Val                               | x            |         |             |   |   |                         |          |                      |                      |                      |
| EATON INDUSTRIES CANADA COMPANY       | x            | x       | x           | Cutler Hammer Control equipment, switchgear and ATS   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 55916                   | 510310   | \$235,974.10         | \$102,538.52         |                      |
| ENVIROCAN WASTEWATER TREATMENT        |              | x       | x           | Muffin monster grinders and cartridge   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$138,764.00         | \$0.00               | \$83,664.73          |
| JWC Environmental                     | x            |         |             |   |   |                         |          |                      |                      |                      |
| ESC Automation Inc.                   |              | x       |             | HVAC system from Optimira Energy  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  |                         |          | \$0.00               | \$0.00               |                      |
| Optimira Energy                       | x            |         |             |   |   |                         |          |                      |                      |                      |
| EVOQUA WATER TECHNOLOGIES LTD         | x            | x       | x           | Siemens replacement parts and services (linkbelt, FMC, US filter, evaporators)  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$26,081.07          | \$101,322.39         |                      |
| Siemens Canada                        | x            |         |             |   |   |                         |          |                      |                      |                      |
| Link Belt                             | x            |         |             |   |   |                         |          |                      |                      |                      |
| US Filter                             | x            |         |             |   |   |                         |          |                      |                      |                      |
| FMC                                   | x            |         |             |   |   |                         |          |                      |                      |                      |
| FLOVAL EQUIPMENT LTD.                 |              | x       | x           | DeZurik Valves parts components and services  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$588.73             | \$1,454.31           |                      |
| DeZurik                               | x            |         |             |   |   |                         |          |                      |                      |                      |
| General Electric Canada               | x            | x       | x           | General Electric equipment, Bentley Nevada vibration equipment HSAER, HSMPs   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$0.00               | \$0.00               | \$24,010.76          |
| GERRIE ELECTRIC WHOLESALE LIMITED     |              |         | x           | Rockwell (Allen-Bradley) VFD parts components and services, SCADA PAC, Endress+Hauser Products and Services   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$1,786.00           | \$20,745.54          | \$15,601.00          |
| Rockwell Automation (Allen-Bradley)   | x            | x       |             |   |   |                         |          |                      |                      |                      |
| Endress+Hauser                        | x            |         |             |   |   |                         |          |                      |                      |                      |
| H2 FLOW EQUIPMENT INC.                |              | x       | x           | OEM support and supplies for Trojan Ultra- Violet (UV) disinfection units, Digester mixer equipment   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 510320   | \$25,768.75          | \$2,531.20           |                      |
| Trojan Technologies                   | x            | x       |             |   |   |                         |          |                      |                      |                      |
| HACH SALES & SERVICE LP               | x            | x       | x           | OEM support and supplies for Hach equipment.  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051                   | 54720    | \$89,869.32          | \$72,381.32          | \$1,231.60           |

[illegible]

| Vendor Name                                   | Manufacturer | Service | Distributor | Goods   | Services  | Account #      | Dept Id. | Annual Spent<br>2017 | Annual Spent<br>2016 | Annual Spent<br>2015 |
|---|--------------|---------|-------------|---|---|----------------|----------|----------------------|----------------------|----------------------|
| SUEZ TREATMENT SOLUTIONS INC.                 | x            | x       | x           | Climbing Bar Screens (formerly Inflico Degrement)   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   | \$175,067.83         | \$1,662.09           | \$46,366.12          |
| SYNTEC PROCESS EQUIPMENT LTD.                 |              | x       | x           | Singer Pressure Reducing Valves (PRV), Val-Matic, Red Valve, Trueline, Tideflex, Netzsch Pumps  | OEM spare parts to maintain existing equipment utilized by Plant Operations.  | 53051<br>55916 | 510320   | \$75,000.96          | \$25,853.27          |                      |
| Singer Valve                                  | x            |         |             |   |   |                |          |                      |                      |                      |
| T.D. ROOKE ASSOCIATES LIMITED                 |              | x       | x           | Gratec LIGHTNIN (SPX Flow) Mixers process systems, including mixers, drives, controllers, etc. and Flowserve Pumps (Worthington Pumps in Main Pump House) | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   | \$55,300.28          | \$0.00               | \$27,370.12          |
| Gratec  |              | x       |             |   |   |                |          |                      |                      |                      |
| SPX Flow                                      | x            |         |             |   |   |                |          |                      |                      |                      |
| Technical Standards & Safety Authority (TSSA) |              |         |             | Providing safety management consultation for businesses and industries in Ontario.  | Quality Assessed Facility (QAF) program: to ensure that each piece of equipment is thoroughly examined for the necessary approvals and compliance with the Technical Standards and Safety Act 2000, applicable regulations and codes. | 55926          | 510320   | \$0.00               | \$0.00               |                      |
| TRANSCAT INC                                  |              | x       |             | Providing on-site calibration services to the instrumentation testing equipment.  | OEM services to maintain existing equipment utilized by Plant Operations.   | 54720          | 510320   | \$15,847.54          | \$15,288.22          | \$24,867.20          |
| VEOLIA WATER TECHNOLOGIES CANADA              |              | x       | x           | Seepex Pumping Systems, including pumps, motors, drives, etc.   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   | \$0.00               | \$29,163.44          | \$ 106,311.00        |
| Seepex  | x            |         |             |   |   |                |          |                      |                      |                      |
| WAJAX INDUSTRIAL COMPONENTS                   |              | x       | x           | Moyno Pumping Systems, including pumps, motors, drives, etc. and other miscellaneous equipment and parts for these Moyno Pump Systems.                    | OEM spare parts and services to maintain existing equipment utilized by Plant Operations.   | 53051          | 510320   | \$14,323.32          | \$17,184.17          |                      |
| Moyno Inc                                     | x            |         |             |   |   |                |          |                      |                      |                      |
| XYLEM CANADA COMPANY                          |              | x       | x           | ITT Flygt process systems, including pumps, mixers, drives, controllers, etc. and other miscellaneous equipment and parts for these ITT systems.          | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 54915          | 510320   | \$302,944.69         | \$224,549.46         | \$17,171.22          |
| ITT Flygt                                     | x            |         |             |   |   |                |          |                      |                      |                      |
| Niagara AX                                    | x            | x       | x           | Building automation system  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 54915          | 510320   |                      |                      | \$41,456.27          |
| Brenntag                                      |              | x       | x           | Tonnars, 68 kg chlorine cylinders   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 54915          | 510320   |                      |                      | \$222,967.61         |
| Abba Parts                                    | x            | x       | x           | Pumps vertical turbines (HD002) (HD016) Gould's, HSMPS Impellers and parts  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   |                      |                      |                      |
| Troy-Ontor Inc                                |              | x       | x           | Auma actuators  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   |                      |                      |                      |
| Auma Actuators Inc                            | x            |         |             |   |   |                |          |                      |                      |                      |
| Siemens Canada                                | x            | x       | x           | Siemens High voltage low voltage  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 55916          | 510320   |                      |                      |                      |
| Active scale                                  | x            | x       | x           | Active scale  | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 55916<br>53051 | 510320   |                      |                      |                      |
| Westech                                       | x            | x       | x           | Varec and Westech gas equipment   | OEM spare parts, equipment and services to maintain existing equipment utilized by Plant Operations.  | 53051          | 510320   |                      |                      |                      |

\$1,641,992.53      \$1,232,061.96      \$988,235.73

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

| Vendor Name                        | Manufacturer | Service | Distributor | Goods   | Services  | Account #                        | Dept Id.                             | Annual \$ 2017 | Annual \$ 2016 | Annual \$ 2015 |
|------------------------------------|--------------|---------|-------------|---|---|----------------------------------|--------------------------------------|----------------|----------------|----------------|
| E.H. Wachs                         | X            |         | X           | ERV-750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system   | OEM spare parts, equipment and services to maintain existing equipment utilized by Water Distribution and Wastewater Collection | 58550                            | 510285                               | \$29,749.58    | \$36,130.61    | \$73,159.29    |
| Evans Utility & Municipal Products | X            |         | X           | Meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (ie. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.          | OEM spare parts, equipment and services to maintain existing equipment utilized by Customer Service and Community Outreach      | 53051                            | 510220                               | \$25,000.00    |                |                |
| Images Puppet Productions Inc.     | X            | X       | X           | Images Puppet Productions was hired to create 3 puppet shows with support from Hamilton Water staff which included music creation, puppet creation, educational messaging, props and show recordings. | Equipment and services to maintain existing equipment utilized by Customer Service and Community Outreach                       | 55916                            | 510215                               | \$25,000.00    | \$19,650.00    | \$16,350.00    |
| Industrial Scientific Corporation  | X            |         | X           | OEM Ventis MX4 gas detectors and accessories  | OEM spare parts, equipment and services to maintain existing equipment utilized by Water Distribution and Wastewater Collection | 55916<br>55916<br>55916<br>53445 | 510280<br>510275<br>510320<br>510260 | \$0.00         | \$0.00         | \$0.00         |
| Kronos Inc                         | X            | X       | X           | Kronos In Touch 9000 terminals  | OEM spare parts, equipment and support services to maintain existing equipment utilized by Hamilton Water.                      | 53251                            | 510200                               | \$30,000.00    |                |                |
| Pipeline Repair Services Inc.      |              | X       |             | Specialized pipeline repair services (6" to 36" linestop is a temporary isolation point)  | OEM spare parts, equipment and services to maintain existing equipment utilized by Water Distribution and Wastewater Collection | 55916                            | 510280                               | \$42,120.00    | \$0.00         | \$0.00         |
| Van Essen Instruments - Canada     | X            | X       | X           | Water level and water quality dataloggers, including communication devices and cables   | OEM spare parts and services to maintain existing equipment utilized by Sustainable Initiatives                                 | 53051                            | 510305                               | \$30,000.00    |                |                |
|                                    |              |         |             |   |   |                                  |                                      | \$181,869.58   | \$55,780.61    | \$89,509.29    |