Meeting Called to Order

Disclosure of Interest

Presentations

1. Danielle Pearce, Recreation Coordinator – Playgrounds, re: item 3, Summer Camp Payment Plan and New Camp Programs

2. Yogesh Shah, Director of Asset Management and PMO and Viktors Jaunkalns, MacLennan Jaunkalns Miller Architects, re: item 7, Recreation Complex Opportunities

Delegations

1. Kevin Walker, Principal, Senior Leader – Transportation from Stantec and Scott Howard, Senior Project Manager from Ministry of Transportation, re: Proposed 2019-2022 Highway 401 Widening Work (West of Hespeler Road to East of Townline Road).

2. Kerann Hutchinson, re: item 7, Recreation Complex Opportunities

3. Atinuke Bankole, re: item 7, Recreation Complex Opportunities

Consent Procedure

THAT all items listed under the heading of Consent Procedure for Tuesday, March 5, 2019, General Committee Agenda be adopted as recommended.

Items #

1. 2018 Annual Water Summary Report
2. Cambridge West Studies – New Capital Project

4. Wednesday Farmers’ Market

5. Bell Small Cell License Agreement

6. Smart Waterloo Region Update

8. Cambridge and District Humane Society

NOTE: General Committee Members, if you wish an item to be pulled from the Consent Procedure, please notify the City Clerk so the item can be listed on the Other Business Memo for tonight's meeting to be dealt with separately by General Committee. You will also have the opportunity to pull an item at the Meeting.

Consideration of Reports

Community Development

1. **2018 Annual Water Summary Report**  PP. 5-38

   Recommendation – That the Committee recommend to City Council:


2. **Cambridge West Studies – New Capital Project**  PP. 39-42

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-041(CD), re: Cambridge West Studies – New Capital Project be received;

   AND THAT Capital Project A/00910-20, Cambridge West Studies – New Capital Project be approved with a budget of $98,400, funded through Development Charges.

3. **Summer Camp Payment Plan and New Camp Programs**  PP. 43-48

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-058(CD), re: Summer Camp Payment Plan and New Camp Programs be received.
4. **Wednesday Farmers’ Market**

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-060(CD), re: Wednesday Farmers’ Market be received;

   AND THAT Council suspends the Wednesday Farmers’ Market at 40 Dickson Street for the 2019 season;

   AND FURTHER THAT the Market Manager along with the Cambridge Farmers’ Market Advisory Committee explore options to re-establish and re-brand a mid-week market that meets the needs of future residents of the downtown core.

---

**Corporate Enterprise**

5. **Bell Small Cell License Agreement on City Owned Lands**

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-072(CRE), re: Small Cell License Agreement on City Owned Lands between the City of Cambridge and Bell Mobility Inc. be received;

   AND THAT Council authorizes the Mayor and Clerk to execute the Small Cell License Agreement and attached schedules;

   AND FURTHER THAT Council authorizes the Director of Asset Management and Project Management Office to authorize additional facilities to the License Agreement.

---

6. **Smart Waterloo Region Update**

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-080(CRE), re: Smart Waterloo Region Update be received.

---

7. **Recreation Complex Opportunities**

   Recommendation – That the Committee recommend to City Council:

   THAT Report 19-061(CRE), re: Recreation Complex Opportunities be received;
AND THAT Council direct staff to host a public information centre and online engagement forum to receive feedback on the information presented in this report;

AND THAT Council direct staff to present feedback received through the community engagement process at a future council meeting;

AND FURTHER THAT Council direct staff to provide recommended options for recreation complex location and programming at a future council meeting.

Corporate Services

8. Cambridge and District Humane Society PP. 129-132

Recommendation – That the Committee recommend to City Council:

THAT Report 19-071(CRS), re: Cambridge and District Humane Society be received.

Correspondence

1. Petition, re: item 7, Recreation Complex Opportunities PP. 133-140

Non-Jurisdictional Items

Notice of Motion

Committee Updates

Close of Meeting
To: GENERAL COMMITTEE

Meeting Date: 03/05/19

Subject: 2018 Annual Water Summary Report

From: Chris Whetstone

Report No.: 19-055(CD)

File No.: N/A

Recommendation(s)

THAT Council staff report 19-055(CD) 2018 Water Summary Report be received as information.

Executive Summary

Purpose

- The delivery of potable water in Ontario is regulated by the Ministry of Environment, Conservation and Parks (MECP) under the Safe Drinking Water Act (formerly the Ontario Resources Act). Regulations prescribe requirements for owners and operators of municipal drinking water systems to provide Council and Public a summary of water quality and quantity used in the City of Cambridge.

Key Findings

- The City purchased 15,401,203 m$^3$ in 2018 compared to 14,892,773 m$^3$ in 2017, an increase of 508,430 m$^3$ (3.4%).

- In 2018 Cambridge conducted approximately 3428 water samples of which 6 required follow-up sampling.

- Cambridge received a mark of 100% compliance for 2017 inspection period, and is awaiting the MECP 2018 inspection.

Financial Implications

- N/A
Background

O. Reg. 170/03 prescribes the need for all owners of licensed water works to produce a Summary Report as indicated in Schedule 22. The Report is required to contain the following information:

- List of requirements of the Act, regulations, the system’s approval and any order that the system failed to meet at any time during the period covered by the report and specify the duration of the failure and describe the measures taken to correct the situation.

- Summary of quantities of water used for the period covered by the report.

- The Summary Report must be accepted by Council by March 31st of each year.

This Regulation also requires the owner to produce an Annual Report, as found in Section 11. This report must include the following:

- Description of the system

- Summary of any adverse water quality reports and corrective actions

- Summary of all required testing results

- Description of any major expenses incurred to install, repair or replace required equipment

- The Annual Report must be completed and made available to the public by February 28th of each year.

Analysis

Strategic Alignment

PROSPERITY: To support and encourage the growth of a highly competitive local economy where there is opportunity for everyone to contribute and succeed.

Goal #4 - Environment and Rivers

Objective 4.4 Manage city resources in a responsible and sustainable manner, considering future needs for resiliency and community adaptation.

O. Reg. 170/03 prescribes the need for all owners of licensed water works to produce a report that summarizes the quality and quantity of water used by citizens and businesses in Cambridge.
Comments

The primary focus of the MECP annual inspection is to confirm compliance with legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period.

Existing Policy/By-Law

Water Use By-Law 146/03

Financial Impact

N/A

Public Input

Report is made available to the public via:

- City Website
- Accessible via public request

Public feedback or questions on the report can be directed to the Public Works Division, Water Operations.

Internal/External Consultation


Conclusion

- The City purchased 15,401,203 m$^3$ in 2018 compared to 14,892,773 m$^3$ in 2017, an increase of 508,430 m$^3$ (3.4%).

- In 2018 Cambridge had 6 adverse water quality results, all followed up with corrective action in conjunction with MOECC and Regional Medical Officer of Health.

- Cambridge received a mark of 100% compliance for 2017 inspection period. Staff are awaiting MECP to initiate 2018 inspection.

- Please note, Council will be receiving a presentation regarding Water loss and initiatives spring/summer of 2019.
Prepared by

Name: Chris R Whetstone
Title: Manager of Water

Departmental Approval

Name: Dennis Purcell
Title: Acting Deputy City Manager, Community Development

Acting City Manager Approval

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

- Attachment 1: 2018 Annual Summary/Water Report
- Attachment 2: MECP 2017 Inspection results
City of Cambridge
2018 Annual Summary
Water Report

February 22, 2019
Table of Contents

1.0 Background ............................................................................................................... 1
2.0 Drinking Water System Description ........................................................................... 1
3.0 Legislation ................................................................................................................. 2
  3.1 Safe Drinking Water Act ........................................................................................ 2
  3.2 Standard of Care, Section 19, Safe Drinking Water Act ........................................ 2
  3.3 Ontario Regulation 170/03: Drinking Water Systems Regulation .......................... 3
  3.4 Ontario Regulation 128/04: Certification of Drinking Water Operators and Water Quality Analysts ................................................................. 3
4.0 Drinking Water Quality Management Standard (DWQMS) ........................................ 4
5.0 Ontario Regulation 435/07: Financial Plans .............................................................. 4
6.0 Non-Compliance with Legislation .............................................................................. 5
7.0 Water Usage ............................................................................................................. 5
8.0 2018 Annual Report .................................................................................................. 7
  8.1 System Information ............................................................................................... 7
  8.2 Testing Results ..................................................................................................... 9
1.0 Background

The delivery of potable water in Ontario is regulated by the Ministry of the Environment, Conservation and Parks (MECP) under the Safe Drinking Water Act. On June 1, 2003 O. Reg. 170/03 came into effect. This regulation prescribes requirements for owners and operators of municipal drinking water systems.

Among the obligations, O. Reg. 170/03 prescribes the need for all owners of licensed water works to produce a Summary Report with the following information:

- The list of requirements of the Act, regulations and the system’s approval. It must also note any order that the system failed to meet at any time during the period covered by the report and specify the duration of the failure and describe the measures taken to correct the situation.

- Summary of quantities of water used for the period covered by the report.

- The Summary Report must be presented and accepted by Council by March 31st of each year.

This Regulation also requires the owner to produce an Annual Report that includes the following:

- A system description

- Summary of any adverse water quality reports and corrective actions

- Summary of all required testing results

- Description of any major expenses incurred to install, repair or replace required equipment

- The Annual Report must be completed by February 28th of each year.

- The Summary and Annual Reports have been combined by City Staff into one document, which is submitted to Council for acceptance.

2.0 Drinking Water System Description

The Cambridge Distribution System services about 130,000 people via approximately 39,872 service connections, which includes approximately 37,537 private residences. The oldest distribution piping in the system is 113 years old. There is an estimated 586 kilometres of watermains located within Cambridge, of which the City of Cambridge owns 491 kilometres, the Region of Waterloo owns 64 kilometres, and there is 32 kilometres of dual-use mains. There are 3,464 hydrants providing fire protection and
5,126 valves (including shared) of various sizes for controlling water flow. The distribution system is divided into five individual pressure zones based on the water supply components and the varying elevations throughout the City.

Water is supplied to the City by the Region of Waterloo through a network of wells, treatment plants, pumping stations, control valves, and reservoirs. Treated water from this supply network is monitored on-line, 24 hours per day by operators through the Regional SCADA (System Control and Data Acquisition) system.

3.0 Legislation

The following are the primary pieces of legislation that directly affect the operation of the City of Cambridge’s water distribution system.

3.1 Safe Drinking Water Act

The Safe Drinking Water Act’s (SDWA) purpose is to protect human health through the control and regulation of drinking-water systems and drinking-water testing. The Act also has the benefit of gathering in one place all legislation and regulations relating to the treatment and distribution of drinking water.

- Highlights of the Act address:
  - Accreditation of operating authorities
  - Municipal drinking water systems
  - Drinking water testing
  - Inspections, Compliance and Enforcement

3.2 Standard of Care, Section 19, Safe Drinking Water Act

The Standard of Care defines the legal responsibility of the owner and operating authority of a municipal drinking water system. It requires that the owners and operating authorities exercise the level of care, diligence and skill with regard to a municipal drinking water system that a reasonably prudent person would be expected to exercise in a similar situation. Owners and operating authorities must exercise this due diligence honestly, competently and with integrity. Based on the definition of owner in the SDWA, the City of Cambridge Council is considered the owner of the City of Cambridge’s drinking water distribution system.

The three key messages identified for Municipal Councilors are as follows:

“Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils” is a manual published by the MECP for individuals who have oversight responsibilities of
municipal drinking water systems that can extend to Municipal Councilors. There are legal consequences for negligence of financial penalties up to imprisonment for individuals, corporations or both.

Be Informed: Ask questions; Get answers. Councilors don’t have to be an expert in drinking water operations, but they do need to be informed about them. Council decisions can have an impact on public health. Councilors should seek advice from those with expertise and act prudently on that advice.

Be Vigilant: Complacency can pose one of the greatest risks to drinking water systems. It is critical that Councilors never take drinking water safety for granted or assume all is well with the drinking water systems under their care and direction. The health of the community depends on diligent and prudent oversight of its drinking water systems.

3.3 Ontario Regulation 170/03: Drinking Water Systems Regulation

The Drinking Water Systems Regulation (O. Reg. 170/03) regulates municipal and private water systems that provide water to year-round residential developments. This regulation stipulates treatment equipment usage, operational checks and sampling, chemical and microbiological testing requirements, corrective actions, and reporting requirements.

3.4 Ontario Regulation 128/04: Certification of Drinking Water Operators and Water Quality Analysts

The Water Operator Certification Program was initiated for drinking water operators in 1987 as a voluntary program. On May 14, 2004, O. Reg. 128/04 was issued, increasing the requirements for drinking water operators’ certification. The regulation also establishes ongoing training requirements for these operators. Details note the different types of licenses, reissuance and transferability, overall and operator in charge responsibilities, record keeping, and operations/maintenance manuals.

Of special note, this regulation stipulates that all new water operators must complete an Entry-Level Course of Study within the first 16 months of obtaining their operator-in-training (OIT) certificate. New operators must complete a 40 hour at-home study manual and successfully pass a written test based on this manual. After this, they must attend a five day in-class training seminar and examination facilitated by the Walkerton Clean Water Centre. Once these requirements have been met, the new operator’s license is valid for three years, allowing them time to meet the requirements needed for a Level One License.
4.0 Drinking Water Quality Management Standard (DWQMS)

The purpose of this Standard is to assist owners and operating authorities in the effective management and operation of their municipal residential drinking water systems. This Standard outlines requirements for a Quality Management System (QMS) to ensure high quality drinking water. In the development of a QMS, the Operating Authority must create an Operational Plan; this document defines the QMS and is subject to internal and external audits for accreditation. As referenced in the Standard, the QMS must be embraced by all those with active rolls in the water system, from front line staff to the highest level of management to Council.

City Staff have developed and implemented a QMS specific to the City of Cambridge. Certification was originally obtained on February 2009. Recertification was successfully achieved in 2013 and 2016. The next external certification audit will be carried out in 2019.

5.0 Ontario Regulation 435/07: Financial Plans

The O. Reg. 453/07, requirements dictate that all owners of municipal residential drinking water systems to prepare a Financial Plan that detail the system’s financial information projected forward for at least six years. The Financial Plan must include income statements (which set out revenues and expenses), as well as balance sheets (which include financial assets, non-financial assets, total liabilities, cash flow, etc.).

The Financial Plan must then be formally approved by the owner of the municipal system through a resolution of the municipal council. The Financial Plan requires regular updates before every Operating License renewal application (every 5 years). Report TPW81-09 was submitted and approved by Council on December 7, 2009. This report formed the foundation for the Financial Plan that was then submitted to the MECP. In October 2013, the 2014 Long Range Financial Plan was presented to Council for acceptance and subsequently submitted to the Province. Staff is updating this plan currently for Council’s approval and submission in Spring of 2019.
6.0 Non-Compliance with Legislation

Schedule 22 requires that all non-compliance with applicable legislation be discussed in the Summary Report. The MECP carried out their annual system inspection on October 4, 2017 for the period of January 1, 2017 to September 15, 2017; during this time period, no issues of non-compliance were found. Cambridge is awaiting our 2018 inspection by MECP.

Table 1: Non-Compliance Issues in 2018

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Non-Compliance</th>
<th>Required Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

7.0 Water Usage

From January 1 to December 31, 2018, the City of Cambridge received a total of 15,401,203 m$^3$ of water from the Region of Waterloo (supplier). This compares to 14,892,773 m$^3$ from the previous year (an increase of 3.4%).

Figure 1: City of Cambridge - 2018 Monthly Water Consumption (m$^3$)
Table 2: City of Cambridge – 2018 Monthly Water Consumption

<table>
<thead>
<tr>
<th>Month</th>
<th>Consumption (m$^3$)</th>
<th>Avg. Daily Consumption (m$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>1,293,492</td>
<td>41,725</td>
</tr>
<tr>
<td>February</td>
<td>1,160,752</td>
<td>41,455</td>
</tr>
<tr>
<td>March</td>
<td>1,268,247</td>
<td>40,911</td>
</tr>
<tr>
<td>April</td>
<td>1,230,354</td>
<td>41,011</td>
</tr>
<tr>
<td>May</td>
<td>1,342,253</td>
<td>43,298</td>
</tr>
<tr>
<td>June</td>
<td>1,376,856</td>
<td>45,895</td>
</tr>
<tr>
<td>July</td>
<td>1,425,981</td>
<td>45,999</td>
</tr>
<tr>
<td>August</td>
<td>1,365,773</td>
<td>44,057</td>
</tr>
<tr>
<td>September</td>
<td>1,293,018</td>
<td>43,100</td>
</tr>
<tr>
<td>October</td>
<td>1,255,826</td>
<td>40,510</td>
</tr>
<tr>
<td>November</td>
<td>1,197,725</td>
<td>39,924</td>
</tr>
<tr>
<td>December</td>
<td>1,190,926</td>
<td>38,416</td>
</tr>
<tr>
<td><strong>2018 Total</strong></td>
<td><strong>15,401,203</strong></td>
<td><strong>42,195</strong></td>
</tr>
</tbody>
</table>

Figure 2: City of Cambridge – Annual Water Consumption (m$^3$), 2009 to 2018
Table 3: City of Cambridge – Annual Water Consumption Comparison

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumption (m(^3))</th>
<th>Annual Reduction (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>17,185,387</td>
<td>-0.9</td>
</tr>
<tr>
<td>2010</td>
<td>16,219,952</td>
<td>-5.6</td>
</tr>
<tr>
<td>2011</td>
<td>15,389,341</td>
<td>-5.1</td>
</tr>
<tr>
<td>2012</td>
<td>15,885,902</td>
<td>3.2</td>
</tr>
<tr>
<td>2013</td>
<td>16,080,727</td>
<td>0.8</td>
</tr>
<tr>
<td>2014</td>
<td>16,399,331</td>
<td>2.0</td>
</tr>
<tr>
<td>2015</td>
<td>15,920,158</td>
<td>-2.9</td>
</tr>
<tr>
<td>2016</td>
<td>15,414,213</td>
<td>-3.2</td>
</tr>
<tr>
<td>2017</td>
<td>14,892,773</td>
<td>-3.4</td>
</tr>
<tr>
<td>2018</td>
<td>15,401,203</td>
<td>3.4</td>
</tr>
<tr>
<td><strong>10 Year Total</strong></td>
<td><strong>-1,784,184</strong></td>
<td><strong>-10.38%</strong></td>
</tr>
</tbody>
</table>

8.0 2018 Annual Report

8.1 System Information

| Drinking-Water System Number | 260002460 |
| Drinking-Water System Name  | Cambridge Distribution System |
| Drinking-Water System Owner | The Corporation of the City of Cambridge |
| Drinking-Water System Category | Large Municipal Residential |
| Period being reported       | January 1, 2018 to December 31, 2018 |

Does your Drinking-Water System serve more than 10,000 people?

Yes [X]  No [ ]

Is your annual report available to the public at no charge on a web site on the Internet?

Yes [X]  No [ ]

Location where Summary Report will be available for inspection:

A copy may be obtained from City of Cambridge Clerks’ Department (519)-623-1340
All Drinking-Water Systems, which receive all of their drinking water from the system:

<table>
<thead>
<tr>
<th>Drinking Water System Name</th>
<th>Drinking Water System Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lloyd Brown Subdivision Distribution System</td>
<td>260002759</td>
</tr>
</tbody>
</table>

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes [X] No [ ]

How were system users notified that the annual report is available, and that it is free of charge?

[X] Public access/notice via the web

[X] Public access/notice via a newspaper

[X] Public access/notice via public request

[X] Public access/notice via other method: Report presented to Cambridge City Council

Describe your Drinking-Water System

See: “Drinking Water System Description” in Section 2.0 Drinking Water System Description

List all water treatment chemicals used over this reporting period:

Water treatment is carried out by the Region of Waterloo. New installation and repair work is disinfected using NSF 60 rated sodium and calcium hypochlorite.
Brief description and a breakdown of monetary expenses incurred for maintenance and repairs on equipment:

Water Connection Maintenance: $ 2,632,386
Watermain Maintenance: $ 1,274,778
Hydrant Maintenance: $ 442,353
Watermain Unidirectional Flushing/Swabbing: $ 85,000

8.2 Testing Results

Summary of reports made to the Ministry under subsection 18(1) of the Safe Drinking-Water Act or Schedule 16-4 of O.Reg.170/03:

<table>
<thead>
<tr>
<th>Incident Date (mm/dd/yy)</th>
<th>Parameter (limit)</th>
<th>Test Result</th>
<th>Unit of Measure</th>
<th>Corrective Action</th>
<th>Corrective Action Date (mm/dd/yy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/21/18</td>
<td>Low pressure (watermain break at Concession St. bridge)</td>
<td>n/a</td>
<td>n/a</td>
<td>Isolated watermain, restored pressure. Flushing was conducted and bacteriological samples were taken</td>
<td>02/23/18</td>
</tr>
<tr>
<td>04/20/18</td>
<td>Chlorine Residual Free/Combined (0.05mg/L/0.2 5mg/L)</td>
<td>0.03/0.11</td>
<td>mg/L</td>
<td>Flushed, establish chlorine residuals, resample</td>
<td>04/20/18</td>
</tr>
<tr>
<td>06/29/18</td>
<td>Total Coliform (Absent)</td>
<td>Present</td>
<td>Present/Absent</td>
<td>Sampled upstream, downstream and at the source</td>
<td>07/03/18</td>
</tr>
<tr>
<td>07/17/18</td>
<td>Chlorine Residual Free/Combined (0.05mg/L/0.2 5mg/L)</td>
<td>0.00/0.00</td>
<td>mg/L</td>
<td>Flushed system confirmed chlorine residuals, resample</td>
<td>07/18/18</td>
</tr>
<tr>
<td>08/04/18</td>
<td>Total Coliform (Absent)</td>
<td>Present</td>
<td>Present/Absent</td>
<td>Sampled upstream, downstream and at the source</td>
<td>08/07/18</td>
</tr>
<tr>
<td>Incident Date (mm/dd/yy)</td>
<td>Parameter (limit)</td>
<td>Test Result</td>
<td>Unit of Measure</td>
<td>Corrective Action</td>
<td>Corrective Action Date (mm/dd/yy)</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------</td>
<td>-------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>08/09/18</td>
<td>Chlorine Residual Free/Combined (0.05mg/L/0.25mg/L)</td>
<td>0.03/0.20</td>
<td>mg/L</td>
<td>Flushed, establish chlorine residuals, resample</td>
<td>08/09/18</td>
</tr>
</tbody>
</table>

Microbiological testing done under the Schedule 10 of Regulation 170/03, during this reporting period:

<table>
<thead>
<tr>
<th>Water Type</th>
<th>Number of Samples</th>
<th>Range of E.Coli Results</th>
<th>Range of Total Coliform Results</th>
<th>Number of HPC Samples</th>
<th>Range of HPC Results (min #)-max #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution</td>
<td>1703</td>
<td>1703 - absent 0 - present</td>
<td>1701 - absent 2 - present</td>
<td>633 (37% of all samples)</td>
<td>0 - 500</td>
</tr>
</tbody>
</table>

Raw
Not applicable to Distribution System: see Region of Waterloo website at www.regionofwaterloo.ca

Treated
Not applicable to Distribution System: see Region of Waterloo website at www.regionofwaterloo.ca

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report:

<table>
<thead>
<tr>
<th>Testing</th>
<th>Number of Grab Samples</th>
<th>Range of Results (min #)-(max #)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine (free)</td>
<td>839</td>
<td>0 – 1.73 mg/L</td>
<td>n/a</td>
</tr>
<tr>
<td>Chlorine (combined)</td>
<td>839</td>
<td>0.02 – 1.44 mg/L</td>
<td>n/a</td>
</tr>
<tr>
<td>Fluoride</td>
<td>Not applicable: fluoride not added to water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument:

<table>
<thead>
<tr>
<th>Date of legal instrument issued</th>
<th>Parameter</th>
<th>Date Sampled</th>
<th>Result</th>
<th>Unit of Measure</th>
</tr>
</thead>
</table>

Not applicable; no additional testing/sampling required
Summary of lead testing under Schedule 15.1 during this reporting period

<table>
<thead>
<tr>
<th>Location Type</th>
<th>Number of Samples</th>
<th>Range of Lead Results (min#) – (max #)</th>
<th>Number of exceedances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbing</td>
<td>220</td>
<td>&lt;1 – 20.2 µg/L</td>
<td>1 (&gt;10µg/L)</td>
</tr>
<tr>
<td>Distribution</td>
<td>25</td>
<td>&lt;1.1 – 3.6 µg/L</td>
<td>0</td>
</tr>
</tbody>
</table>

Summary of Inorganic/Organic parameters tested during this reporting period or the most recent sample results:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Date (mm/dd/yy)</th>
<th>Result Value</th>
<th>Unit of Measure</th>
<th>Exceedance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkalinity (Distribution System)</td>
<td>35 Samples 01/01/2018 to 12/31/2018</td>
<td>246 - 375</td>
<td>mg/L</td>
<td>n/a (not legislated)</td>
</tr>
<tr>
<td>pH (Distribution System)</td>
<td>35 Samples 01/01/2018 to 12/31/2018</td>
<td>7.1 - 8.1</td>
<td>pH</td>
<td>n/a (not legislated)</td>
</tr>
<tr>
<td>THM (2017 year end running annual average)</td>
<td>01/18/2018 04/09/2018 07/16/2018 10/15/2018</td>
<td>24.3</td>
<td>µg/L</td>
<td>No</td>
</tr>
<tr>
<td>HAA (2017 year end running annual average)</td>
<td>01/18/2018 04/09/2018 07/16/2018 10/15/2018</td>
<td>8.3</td>
<td>µg/L</td>
<td>No</td>
</tr>
</tbody>
</table>

Note: For results on the supply source, see the Region of Waterloo website at www.regionofwaterloo.ca.

List of any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result Value</th>
<th>Unit of Measure</th>
<th>Date of Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (plumbing)</td>
<td>20.2</td>
<td>µg/L</td>
<td>July 11, 2018</td>
</tr>
</tbody>
</table>

Note: This result was a plumbing lead sample, not distribution. The resample did not exceed half the standard prescribed in Schedule 2.
November 28, 2017

The Corporation of the City of Cambridge
Cambridge Public Works,
1310 Bishop Street
Cambridge, On
N1R 6V5 Canada

Attention: Mr. Chris Whetstone
Manager, Cambridge Public Works

Re: 2017-18 Cambridge Distribution System, Inspection Report # 1-F6JX0

Dear Mr. Whetstone,

Attached is the inspection report, for the inspection initiated in October, 2017, to assess compliance with O.Reg 170/03.

Please note, you will find in the report that bullets are shown in bold print and are the consistent and standard responses to the information gathered during the inspection. Statements shown in regular font provide additional site-specific details.

In order to measure individual inspection results, the Ministry has established an inspection compliance risk framework based on the principles of the Inspection, Investigation & Enforcement (II&E) Secretariat and advice of internal/external risk experts. The Inspection Summary Rating Record (IRR), included as Appendix A of the inspection report, provides the Ministry, the system owner and the local Public Health Units with a summarized quantitative measure of the drinking water system's annual inspection and regulated water quality testing performance. Please note the attached IRR methodology memo describing how the risk rating model has improved to better reflect the health related and administrative non-compliance found in an inspection report. IRR ratings are published (for the previous inspection year) in the Ministry’s Chief Drinking Water Inspectors’ Annual Report. If you have any questions or concerns regarding the rating, please contact Lisa Williamson, Drinking Water Program Supervisor, at 519-837-6386.

If you wish to discuss the results of the inspection in more detail, please feel free to contact me at (519) 826-4279.

Yours Truly,

Manpreet Dhesi
Provincial Officer
Water Inspection Program
Guelph District Office
West Central Region

Cc : Sandra Cooke, Senior Water Quality Supervisor, Grand River CA
     : Chris Komorowski, Health Protection, Regional Municipality of Waterloo Health Unit
     : MOE Guelph District Office
CAMBRIDGE DISTRIBUTION SYSTEM
Inspection Report

Site Number: 260002460
Inspection Number: 1-F6JX0
Date of Inspection: Oct 04, 2017
Inspected By: Manpreet Dhesi
Table of Contents

Owner & Contact Information

Inspection Details & Drinking Water System Components Description

Inspection Summary
  o Introduction
  o Treatment Processes
  o Treatment Process Monitoring
  o Distribution System
  o Operations Manuals
  o Logbooks
  o Security
  o Certification and Training
  o Water Quality Monitoring
  o Water Quality Assessment
  o Reporting and Corrective Actions
  o Other Inspection Findings

Non-Compliance with Regulatory Requirements and Actions Required

Summary of Best Practice Issues and Recommendations

Signatures

Appendices

A. Inspection Rating Record
OWNER INFORMATION:

Company Name: CAMBRIDGE, THE CORPORATION OF THE CITY OF
Street Number: 50
Street Name: DICKSON St N
City: CAMBRIDGE
Province: ON
Postal Code: N1R 5W8

CONTACT INFORMATION

Type: Grand River Conservation Auth
Name: Sandra Cooke
Phone: (519) 621-2761
Fax: (519) 621-4844
Email: scooke@grandriver.ca
Title: Senior Water Quality Supervisor

Type: Other - specify
Name: Jamie Austin
Phone: (519) 571-6208
Fax: (519) 743-5654
Email: austinj@cambridge.ca
Title: New Facility Contact for Foxboro Well Supply

Type: Main Contact
Name: Chris Whetstone
Phone: (519) 621-0740
Fax: (519) 622-8032
Email: whetstone@cambridge.ca
Title: Manager of Water

Type: Health Unit
Name: Chris Komorowski
Phone: (519) 883-2008
Fax: (519) 883-2226
Email: ckomorowski@regionofwaterloo.ca
Title: Manager

INSPECTION DETAILS:

Site Name: CAMBRIDGE DISTRIBUTION SYSTEM
Site Address: CAMBRIDGE
County/District: Cambridge
MOECC District/Area Office: Guelph District
Conservation Authority: REGIONAL MUNICIPALITY OF WATERLOO, PUBLIC HEALTH
Category: Large Municipal Residential
Site Number: 260002460
Inspection Type: Unannounced
Inspection Number: 1-F6JX0
Date of Inspection: Oct 04, 2017
Date of Previous Inspection: Apr 07, 2017

COMPONENTS DESCRIPTION

Site (Name): DISTRIBUTION
The Cambridge Distribution System services about 132,000 people via approximately 38,900 service connections, which include private residences as well as business and industrial users. The oldest distribution piping in the system is about 115 years old. There are an estimated 571 kilometers of watermains located within Cambridge, of which the City of Cambridge owns 487 kilometers, the Regional Municipality of Waterloo owns 62 kilometers, and there are 32 kilometers of dual-use components. There are 3353 hydrants providing fire protection and 5,190 valves of various sizes for controlling water flow. The distribution system is divided into five individual pressure zones based on the water supply components and the varying elevations throughout the City.

The Cambridge Distribution System receives its water from various sources that are owned and operated by the Regional Municipality of Waterloo. These sources include the Pinebush Water Treatment Plant, Shades Mill Water Treatment Plant, Turnbull Water Treatment Plant, Middleton Water Treatment Plant and other individual groundwater wells including wells H3, H4, H4A, H5, G4, G4A, G5, G5A G6, G9, P6, P9, P15 and P16. The Regional Municipality of Waterloo also owns and operates all storage facilities (i.e. elevated tanks) located within the Cambridge Distribution System.

The Cambridge Distribution System does not include any treatment processes. The City of Cambridge operates the distribution system including pipes, valves, hydrants and residential meters. The Region of Waterloo is responsible for the capital rehabilitation / replacement of the larger transmission lines under their ownership.
INSPECTION SUMMARY:

Introduction

- The primary focus of this inspection is to confirm compliance with Ministry of the Environment and Climate Change (MOECC) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period.

This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg.170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.

This report is based on an inspection of a "stand alone connected distribution system". This type of system receives treated water from a separately owned "donor" system. This report contains the elements required to assess key compliance and conformance issues associated with a "receiver" system. This report does not contain items associated with the inspection of the donor system, such as source waters, intakes/wells and treatment facilities.

This report is based on a "focused" inspection of the system. Although the inspection involved fewer activities than those normally undertaken in a detailed inspection, it contained critical elements required to assess key compliance issues. This system was chosen for a focused inspection because the system's performance met the ministry's criteria, most importantly that there were no deficiencies as identified in O.Reg. 172/03 over the past 3 years. The undertaking of a focused inspection at this drinking water system does not ensure that a similar type of inspection will be conducted at any point in the future.

This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

The Cambridge distribution system is owned and operated by the City of Cambridge. The inspection of the Cambridge Distribution System was initiated on October 4th, 2017. The review period for the inspection was until September 15, 2017. Municipal Drinking Water License (MDWL) 015-101, Issue # 3 dated February, 2017 and Drinking Water Works Permit (DWWP) 015-201, Issue # 4 dated February, 2017 were in effect during the inspection period.

Treatment Processes

- The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.

The system description contained within Schedule A of DWWP indicates that the system consists of five individual pressure zones based on the water supply components and the varying elevations through out the City. The City owns 475 km watermain while 62 km are under the Region of Waterloo ownership, with 32 km of dual-use watermains.

Minor modifications to the system have been documented on "Record of Watermains Authorized as a Future Alteration Form 1" forms that were available for review at the time of the inspection.

- The owner/operating authority was in compliance with the requirement to prepare Form 1 documents as required by their Drinking Water Works Permit during the inspection period.

Six Form 1s prepared for the replacement of the distribution system watermains in 2017, were reviewed during the inspection.
**Treatment Processes**

**Treatment Process Monitoring**

- The secondary disinfectant residual was measured as required for the distribution system.

  Records provided during the inspection indicated that secondary disinfectant residuals (free chlorine as well as total chlorine) were measured by collecting at least seven distribution samples over two days at least 48 hours apart. The City of Cambridge has contracted the Region of Waterloo's laboratory to collect the grab samples two times per week. The operator indicated that while the City Watermains are mainly fed by the chlorinated water from the Cambridge water treatment plants, a small area in the distribution system which is fed by Briardene valve and Dundee Road valve has chloraminated water from the Region's Integrated Urban System.

**Distribution System**

- Existing parts of the distribution system that are taken out of service for inspection, repair or other activities that may lead to contamination, and all new parts of the distribution system that come in contact with drinking water, were disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit, or an equivalent procedure (i.e. the Watermain Disinfection Procedure).

  The City of Cambridge updated SOP-WD-02 "Watermain Break Repairs and Reporting" on December 15, 2016. In addition, the City has created a "Watermain Break and Repair Evaluation Form". The form is completed by operators to document the details of the incident including, secondary disinfection residuals and microbiological sampling (where required).

  The revised SOP and forms are consistent with the MOECC "Watermain Disinfection Procedure" dated November 2015. Job tickets are created for repair and inspection activities. The completed forms and sampling results (where required) are attached to the job ticket in the Maximo database, for reference. The City did not have any major watermain break is during the inspection period.

**Operations Manuals**

- The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.

  Up to date plans, maps and manuals are available to the staff at the City's Operations Center located at 1310 Bishop Street, Cambridge. It was reported that Asset Management System of the City updates the electronic plan on daily basis to any changes that are confirmed via the locates, repair crews or operators in the field upon exposing or locating the given infrastructure.

- The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.

  Condition 16 of the MDWL requires the operations and maintenance manual include at a minimum:
  - The requirements of the Licence and associated procedures;
  - The requirements of the DWWP;
  - A description of the processes used to maintain secondary disinfection within the DWS;
  - Procedures for monitoring and recording in-process parameters necessary for the control of any treatment subsystem and for assessing performance of the System;
  - Procedures for the operation and maintenance of monitoring equipment;
  - Contingency plans and procedures for the provision of adequate equipment and material to deal with emergencies, upset conditions and equipment breakdown;
  - Procedures for dealing with complaints related to the drinking water system, including the recording of the nature
Operations Manuals

- Procedures related to any altered operations and maintenance of the DWS.

A review of the operations manual indicated that procedures from the above list, which are relevant to the operation/maintenance of the distribution system, have been included in the manual.

Logbooks

- Logbooks were properly maintained and contained the required information.

- Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.

The Region of Waterloo staff who collects chlorine residual grab samples for the City, have valid Water Quality Analyst certificates.

Security

- The owner had provided security measures to protect components of the drinking water system.

The majority of the drinking water components are unexposed. During the inspection, the ORO indicated that the hydrants in the areas of concern are equipped with anti-tampering devices, to prevent unauthorized use. The extra equipment is stored securely at 1310 Bishop Street, Cambridge. By-law #146-03 protects the City's hydrants as well as other distribution system components from vandalism.

Certification and Training

- The overall responsible operator had been designated for each subsystem.

The ORO is designated in SOP-WD-40: “Overall Responsible Operator and Operator In Charge”, most recently revised on January 4, 2011. Coverage for the ORO is rotated on a weekly basis between the designated Managers. The rotation schedule is documented on the weekly stand-by sheet.

- Operators in charge had been designated for all subsystems which comprised the drinking-water system.

The OIC is designated in SOP-WD-40: “Overall Responsible Operator and Operator In Charge”, most recently revised on January 4, 2011. For the purposes of OIC coverage during regular working days (Monday-Friday, 7:00 to 15:00), all Lead hands in the Water, and Utilities Maintenance Departments are deemed OIC. During after hours (15:00 to 07:00), weekends, and holidays, the Stand-by Water Operator is deemed as OIC, unless otherwise appointed by the ORO. Stand-by Water Operators are documented on the weekly stand-by sheet.

Water Quality Monitoring

- All microbiological water quality monitoring requirements for distribution samples were being met.

As per Section 10-2.(b), Schedule 10 of O.Reg 170/03, based on the population of 132,000, the City is required to collect 113 (100+ 13) samples every month, with at least three of the samples be taken each week. These samples are required to be tested for E.Coli, Total Coliforms and Heterotrophic Plate Count (25 percent of the required samples). The data review for the inspection period indicated that the required number of samples were taken. The review of the sampling results for the inspection period indicated that none of the samples showed the presence of E.Coli, three of the samples taken showed unconfirmed presence of total coliforms and the sampling results for HPC ranged from 0-500 CFU/ml.
Water Quality Monitoring

- All haloacetic acid water quality monitoring requirements prescribed by legislation are being conducted within the required frequency and at the required location.
  As per Section 13-6.1 of Schedule 13 of O.Reg 170/03, the City is required to take at least one sample in the distribution system, in each calendar quarter, from a point in the distribution system, or plumbing connected to the drinking water system, that is likely to have an elevated potential for the formation of haloacetic acids. The review of the sampling data indicated that the samples were taken in January, April and August, 2017.

- All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.
  As per Section 13-6 of Schedule 13 of O.Reg 170/03, the City is required to take at least one sample in the distribution system, in each calendar quarter, from a point in the distribution system, or plumbing connected to the drinking water system, that is likely to have an elevated potential for the formation of trihalomethanes. The review of the sampling data indicated that the samples were taken in January, April and August, 2017.

- Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.

Water Quality Assessment

- Records showed that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O.Reg. 169/03).
  There were four Adverse Water Quality Incidents (AWQIs) for the presence of total coliforms in the distribution. At the location where two of these incidents occurred, the City has installed a sampling station which will reduce the possibilities of collecting samples from the contaminated plumbing taps.
  There were seven incidents of lead exceedances in the samples taken from the plumbing in the City.

Reporting & Corrective Actions

- Corrective actions (as per Schedule 17) had been taken to address adverse conditions, including any other steps that were directed by the Medical Officer of Health.
  Corrective actions were taken as required for the incidents reported for the presence of total coliforms, two incidents reported for low chlorine and an incident of spoiled alkalinity sample, during the inspection period.

- Corrective actions as directed by the Medical Officer of Health had been taken by the owner and operating authority to address exceedances of the lead standard.
  It was noted that the residents were notified for all plumbing lead exceedances that occurred during the inspection period.
  The Ministry was notified in April, 2017 that few of the lead plumbing samples were taken after the dead line of April 15, provided in the Section 15.1-5(5) of Schedule 15.1 of O.Reg 170/03. The City provided the Ministry with the list of the actions taken to avoid such incidents in the future.

- All required notifications of adverse water quality incidents were immediately provided as per O. Reg. 170/03 16-6.

- All changes to the system registration information were provided within ten (10) days of the change.

Other Inspection Findings
**Other Inspection Findings**

- **The following items are noted as being relevant to the Drinking Water System:**
  
  1. The Region of Waterloo, the City of Cambridge as well as the consulting organisations have commenced studies for Schedule B project in accordance with the requirements of the Municipal Class Environmental Assessment for upgrading the West Cambridge Water and Distribution System, to improve/address the community's water supply and the capacity needs. The studies will be assessing:
     - the requirement for a new water tower, including its site and location;
     - decommissioning of the existing Inverness Water Tower;
     - needs of upgrades to ST. Andrews Pumping station and tank site; and
     - identifying the need and potential location for new Regional and local watermain upgrades.

  2. During the inspection period, the ministry was notified that a person working for the City claimed operational experience in an application made to OWWCO without holding the proper license. Only a certified operator may claim operational experience in a drinking water system. When overseeing operational work completed by an uncertified person in a drinking water system, a certified operator must be in full control at all times. The City confirmed that the uncertified person was under direct supervision by a certified operator at all times when operational duties were performed. It was recommended that the City review their procedures to ensure the requirement for direct supervision is clear to avoid misunderstandings and potential violations.
NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

Not Applicable
SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

Not Applicable
SIGNATURES

Inspected By: Manpreet Dhesi

Signature: (Provincial Officer)

Reviewed & Approved By: Lisa Williamson

Signature: (Supervisor)

Review & Approval Date: 28 Nov 2017

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.
Ministry of the Environment - Inspection Summary Rating Record (Reporting Year - 2017-2018)

<table>
<thead>
<tr>
<th>DWS Name:</th>
<th>CAMBRIDGE DISTRIBUTION SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWS Number:</td>
<td>260002460</td>
</tr>
<tr>
<td>DWS Owner:</td>
<td>Cambridge, The Corporation Of The City Of</td>
</tr>
<tr>
<td>Municipal Location:</td>
<td>Cambridge</td>
</tr>
<tr>
<td>Regulation:</td>
<td>O.REG 170/03</td>
</tr>
<tr>
<td>Category:</td>
<td>Large Municipal Residential System</td>
</tr>
<tr>
<td>Type Of Inspection:</td>
<td>Adhoc</td>
</tr>
<tr>
<td>Inspection Date:</td>
<td>October 4, 2017</td>
</tr>
<tr>
<td>Ministry Office:</td>
<td>Guelph District</td>
</tr>
</tbody>
</table>

Maximum Question Rating: 234

<table>
<thead>
<tr>
<th>Inspection Module</th>
<th>Non-Compliance Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Processes</td>
<td>0 / 18</td>
</tr>
<tr>
<td>Distribution System</td>
<td>0 / 21</td>
</tr>
<tr>
<td>Operations Manuals</td>
<td>0 / 28</td>
</tr>
<tr>
<td>Logbooks</td>
<td>0 / 18</td>
</tr>
<tr>
<td>Certification and Training</td>
<td>0 / 14</td>
</tr>
<tr>
<td>Water Quality Monitoring</td>
<td>0 / 51</td>
</tr>
<tr>
<td>Reporting &amp; Corrective Actions</td>
<td>0 / 63</td>
</tr>
<tr>
<td>Treatment Process Monitoring</td>
<td>0 / 21</td>
</tr>
</tbody>
</table>

TOTAL 0 / 234

Inspection Risk Rating 0.00%

FINAL INSPECTION RATING: 100.00%
DWS Name: CAMBRIDGE DISTRIBUTION SYSTEM
DWS Number: 260002460
DWS Owner: Cambridge, The Corporation Of The City Of
Municipal Location: Cambridge
Regulation: O.REG 170/03
Category: Large Municipal Residential System
Type Of Inspection: Adhoc
Inspection Date: October 4, 2017
Ministry Office: Guelph District

Maximum Question Rating: 234

Inspection Risk Rating 0.00%

FINAL INSPECTION RATING: 100.00%
To: GENERAL COMMITTEE  
Meeting Date: 03/05/19  
Subject: Cambridge West Studies – New Capital Project  
From: Sarah Austin, P. Eng., Manager of Development Engineering  
Report No.: 19-041(CD)  

Recommendation(s)  
THAT Report 19-041 (CD) regarding Cambridge West Studies – New Capital Project, be received;  
AND THAT capital project A/00910-20, Cambridge West Studies – New Capital Project, be approved with a budget of $98,400, funded through Development Charges.  

Executive Summary  

Purpose  
- The approval of a new capital project, with a budget of $98,400, is required in order to complete the City’s commitments for cost sharing on the supporting studies prepared on behalf of the developers for the Cambridge West development area.  

Key Findings  
- Through the 2014 Development Charges Background Study, funds for the supporting studies for the Cambridge West area were approved in the amount of $98,400. This is in addition to the previous City commitments for cost sharing of $606,000, approved through the 2011 Capital Budget  
- As the previous capital projects related to the studies have been closed, a new capital project must be created to allow those funds to be distributed  

Financial Implications  
- A budget of $98,400 is required for the new capital project, A/00910-20, to be funded through Development Charges
Background

In the approved 2011 Capital Budget, the City committed $606,000 in development charge funding to support the preparation of the Devils Creek Subwatershed Study, Cambridge West Community Plan and Municipal Class Environmental Assessments for key infrastructure associated with the Cambridge West development area.

Those projects were led by the developers’ consultants with the City cost sharing the consultant fees to the approved $606,000.

In the background study for the 2014 Development Charges update, additional funds in the amount of $98,400 were approved for these projects, for a total funding commitment of $704,400.

As the planning process for the Cambridge West lands has been on-going since 2011, the developers are only now requesting the payment of the additional $98,400.

The original capital projects, with the associated budget of $606,000, were closed several years ago once the budget had been spent. In order to fulfill the City’s cost sharing commitment, the Finance Department has advised staff that a new capital project needs to be approved with a budget of $98,400, which corresponds to the outstanding committed funds.

Once the new capital project is approved, the developers can request the additional funds. Full payment of $98,400 will fulfill the City’s funding contributions to the Cambridge West supporting studies. After payment, this capital project can be closed.

Analysis

Strategic Alignment

PROSPERITY: To support and encourage the growth of a highly competitive local economy where there is opportunity for everyone to contribute and succeed.

Goal #7 - Transportation and Infrastructure

Objective 7.2 Work with the Region and other partners to better coordinate the planning, communication and delivery of infrastructure (including roads and other transportation assets) in Cambridge.

This report aligns with Objective 7.2 by allowing collaboration between the City, Grand River Conservation Authority, landowners and developers in the study and preliminary planning for the Cambridge West development area, including roads and key infrastructure.
Comments

With the approval of the 2011 Capital Budget and the 2014 Development Charges Background Study, the City committed to cost sharing of $606,000 and $98,400, respectfully.

The request to approve a new capital project is the mechanism required to allow the City to fulfill their cost sharing commitment.

Staff are recommending the approval of the capital project and that the associated budget of $98,400 be funded through Development Charges.

Existing Policy/By-Law

The funds associated with this capital project are included in the existing Development Charges By-law.

Financial Impact

The approval of the new capital project includes a budget of $98,400, which is to be funded through Development Charges.

Public Input

Public consultation occurred through the 2014 Development Charges Study, which included the commitment for these funds.

There has been extensive, on-going public consultation throughout the planning approval process for the Cambridge West lands.

This project is being created to allow the City to fulfill its cost sharing requirements for work already completed. No additional work is being done as part of this project, and no public consultation related to this project will be undertaken.

Internal/External Consultation

The supporting studies for the Cambridge West area have been led by the developers’ consultants, in consultation with City and agency staff.

The Finance Division and Project Management Office were consulted on the approach to distribute the additional funds, and support the approval of a new capital project.

Conclusion

Through the approved 2011 capital budget, the City committed to cost sharing with developers on the supporting studies for the Cambridge West development area.
Through the background study for the 2014 Development Charges by-law, additional funds were approved. The original capital projects were closed prior to these additional funds being paid.

The approval of a new capital project for the Cambridge West Supporting Studies will allow the City to fulfill their commitments with regards to cost sharing. These funds were included within the existing Development Charges Study.

Staff are recommending the approval of the capital project and that the associated budget of $98,400 be funded through Development Charges.

Signature

Prepared by

Name: Sarah Austin, P. Eng.
Title: Manager of Development Engineering

Departmental Approval

Name: Hardy Bromberg
Title: Deputy City Manager, Community Development

City Manager Approval

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

- None
To: GENERAL COMMITTEE

Meeting Date: 03/05/2019

Subject: New Summer Camp Payment Plan and New Summer Camp Programs

From: Gwen Stott, Manager of Recreation and Culture

Recommendation

THAT Council receive report 19-058(CD) for information.

Executive Summary

Purpose

This report is to provide information on the new payment plan for summer camp registration and an overview of the summer recreation and arts camps being offered for 2019.

Key Findings

- The City of Cambridge offers affordable and quality summer camp programs. The introduction of a new payment plan option will assist families with greater affordability of care for the summer months. This plan demonstrates a commitment to creating opportunities for children to participate, making Cambridge a better place to live and play.

- A variety of new and exciting recreation and art camps are being introduced in 2019 on top of the existing summer programs including inclusion support.

- Attached is a chart highlighting the Recreation and Art Camps for 2019. A total of 9 weeks of recreational camps are being offered with a capacity of up to 4600 children. Eight weeks of art camps are being offered serving 550 children.

- Some of the new recreational camps include skating, sport and golf, archery and leaders in training. Each year, the Cambridge Centre for the Arts offers a variety of new artistic programs along with existing summer programs.
Financial Implications

The payment plan was initiated to provide greater affordability for families. It is anticipated that this new model will also stimulate summer camp revenue.

Background

Summer camp is an excellent opportunity for children to become engaged in recreation and culture programs. Camps have a positive impact on the growth and development of children.

Analysis

Strategic Alignment

PEOPLE To actively engage, inform and create opportunities for people to participate in community building – making Cambridge a better place to live, work, play and learn for all.

Goal #5 - Parks and Recreation

Objective 5.1 Work with the community to provide the right mix of recreational opportunities that meet the needs of a changing and diverse population.

New camp program options along with the introduction of a payment plan support the strategy of making Cambridge a better place to live, work, play and learn for all. The payment plan provides additional options at the point of registration for families.

Comments

2019 is the first year of offering the summer camp payment plan. Cambridge is the only municipality in the region to offer this new service to residents making camps more affordable and accessible than ever.

The payment plan is for those who register for summer camp programs between February 1 to March 29, 2019. Six equal payments will be deducted from the customer’s credit card on the 1st of each month from March through September. Credit cards must be valid until September for authorization to be completed. Postdated cheques are also accepted for the six equal payments.

Staff are tracking the uptake of the payment plan. Depending on the demand, staff will investigate and explore offering this payment plan beyond the two months for 2020. Summer camp registration opened February 1, 2019 and after the first week of registration, a total of 600 children were registered and of that, 70% have utilized the payment plan.
Existing Policy/By-Law

There is no by-law for summer camps.

Financial Impact

The financial impact for offering a six month payment plan for summer camps is that the revenue will be received over six equal payments. Additional work may be needed to follow up on NSF cheques, but the impact is not expected to be extensive.

Public Input

General feedback expressed by parents indicated that the upfront cost for camp can be financially difficult. To support families, the payment plan option was explored and implemented.

Internal/External Consultation

Consultation occurred with the Manager of Finance, Director of Service Cambridge and Director of Parks, Recreation and Culture. All supported the initiative and implementation.

Conclusion

The summer payment plan option and the new summer camp programs provide increased programs that foster a greater sense of inclusion awhile enriching experiences for children in the City of Cambridge recreation and culture camps.

Signature

Prepared by

Name: Gwen Stott
Title: Manager of Recreation and Culture
Departmental Approval

Name: Hardy Bromberg
Title: Deputy City Manager, Community Development

Acting City Manager Approval

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

Camp at a Glace Chart
## Arts & Culture Camps

<table>
<thead>
<tr>
<th>Cambridge Centre for the Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Age</strong></td>
</tr>
<tr>
<td>Pottery</td>
</tr>
<tr>
<td>Paint, Draw, Sculpt</td>
</tr>
<tr>
<td>By the Sea Music</td>
</tr>
<tr>
<td>Five Days of Food Art</td>
</tr>
<tr>
<td>Mr. MacGregor’s Garden</td>
</tr>
<tr>
<td>Miniature Fantasy Garden</td>
</tr>
<tr>
<td>Disney Delights, Drama, Dance &amp; Art</td>
</tr>
<tr>
<td>Art &amp; Science Lab</td>
</tr>
<tr>
<td>Out of This World Drama</td>
</tr>
<tr>
<td>Pottery</td>
</tr>
<tr>
<td>Fantasy and Sci-Fi Drawing</td>
</tr>
<tr>
<td>Musical Theatre, Peter Pan</td>
</tr>
<tr>
<td>Make Your Own Comic Book</td>
</tr>
<tr>
<td>Live Action Film Making I</td>
</tr>
<tr>
<td>Live Action Film Making II</td>
</tr>
<tr>
<td>Let’s Rock</td>
</tr>
<tr>
<td>Pen &amp; Ink Drawing</td>
</tr>
<tr>
<td>Dynamic Drawing in Colour</td>
</tr>
<tr>
<td>Art &amp; Architecture of Ancient Civilizations</td>
</tr>
<tr>
<td>Harry Potter Adventure</td>
</tr>
<tr>
<td>Photography</td>
</tr>
<tr>
<td>Theatre 101</td>
</tr>
<tr>
<td>Off the Wall – Exploring Contemporary Art</td>
</tr>
<tr>
<td>Vector Art for Video Games</td>
</tr>
<tr>
<td>Act Out Drama</td>
</tr>
<tr>
<td>Magic Camp</td>
</tr>
<tr>
<td>Video Game Design, RPG Zelda Style</td>
</tr>
<tr>
<td>Pixel Art for Video Games</td>
</tr>
<tr>
<td>Video Game Design, Arcade &amp; Platform</td>
</tr>
<tr>
<td>Pottery</td>
</tr>
<tr>
<td>Going Green With Your Sewing Machine</td>
</tr>
<tr>
<td>Stop Motion Animation</td>
</tr>
</tbody>
</table>

Full day = 9 a.m. - 4 p.m.  Half day morning (AM) = 9 a.m. - 12 noon.  Half day afternoon (PM) = 1 - 4 p.m.
Extended care is available for an additional fee. Lunch supervision for children participating in camps all day.

### Recreational Camps

<table>
<thead>
<tr>
<th>Recreation Camps</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dickson Centre 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Kinder Camp</strong></td>
</tr>
<tr>
<td><strong>Tykes</strong></td>
</tr>
<tr>
<td><strong>Juniors</strong></td>
</tr>
<tr>
<td><strong>Seniors</strong></td>
</tr>
<tr>
<td><strong>Grand View Public School 8 a.m. - 3 p.m.</strong></td>
</tr>
<tr>
<td><strong>Surfblitz/Imagination Station (&quot;Special needs&quot;)</strong></td>
</tr>
<tr>
<td><strong>Hespeler Arena 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Summer Sport &amp; Skating Camp</strong></td>
</tr>
<tr>
<td><strong>Summer Sport &amp; Golf Camp</strong></td>
</tr>
<tr>
<td><strong>Ultimate Sport Camp</strong></td>
</tr>
<tr>
<td><strong>Summer Sport &amp; Archery Camp</strong></td>
</tr>
<tr>
<td><strong>Pack n’ Go</strong></td>
</tr>
<tr>
<td><strong>John Dolson Centre 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Kinder Camp</strong></td>
</tr>
<tr>
<td><strong>Tykes</strong></td>
</tr>
<tr>
<td><strong>Juniors</strong></td>
</tr>
<tr>
<td><strong>Seniors</strong></td>
</tr>
<tr>
<td><strong>Midford Creek Public School 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Kinder Camp</strong></td>
</tr>
<tr>
<td><strong>Tykes</strong></td>
</tr>
<tr>
<td><strong>Juniors</strong></td>
</tr>
<tr>
<td><strong>Seniors</strong></td>
</tr>
<tr>
<td><strong>Preston Auditorium 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Pack n’ Go</strong></td>
</tr>
<tr>
<td><strong>Kinder Camp</strong></td>
</tr>
<tr>
<td><strong>Tykes</strong></td>
</tr>
<tr>
<td><strong>Juniors</strong></td>
</tr>
<tr>
<td><strong>Seniors</strong></td>
</tr>
<tr>
<td><strong>W.G. Johnson Centre 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Kinder Camp</strong></td>
</tr>
<tr>
<td><strong>Tykes</strong></td>
</tr>
<tr>
<td><strong>Juniors</strong></td>
</tr>
<tr>
<td><strong>Seniors</strong></td>
</tr>
<tr>
<td><strong>City Hall 8:30 a.m. - 4:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>Leader In Training</strong></td>
</tr>
</tbody>
</table>
To: GENERAL COMMITTEE
Meeting Date: 03/05/2019
Subject: Wednesday Market
From: Alix Aitken, Market Manager
Report No.: 19-060(CD)

Recommendation(s)

THAT the City of Cambridge suspend the Wednesday Farmers' Market at 40 Dickson Street for the 2019 season. The Market Manager along with the Cambridge Farmers' Market Advisory Committee will explore options to re-establish and re-brand a mid-week market that meets the needs of future residents of the downtown core.

Executive Summary

Purpose

- This report focuses on the feasibility of the Wednesday market with an analysis of the program over the past seven market seasons.

Key Findings

- Vendor uptake is insufficient to run the Wednesday market in 2019.

Financial Implications


Background

The Cambridge Farmers' Market (CFM) currently operates a year round Saturday market featuring both indoor and outdoor vendors, plus a Wednesday seasonal market.

The Wednesday market runs June to October from 8:00 a.m. to 1:00 p.m. The majority of the shoppers are people who work in the downtown core area.
Analysis

Strategic Alignment

PLACE: To take care of, celebrate and share the great features in Cambridge that we love and mean the most to us.

Goal #5 - Parks and Recreation

Objective 5.3 Develop a strategic approach to programs and services that tie investments/resources to community outcomes.

The Cambridge Farmers’ Market reassesses its programming each year, proactively analyzing shopper counts, weather patterns and seasonal events. Responding to food trends and consumer food demands is essential to the success of our markets.

The chart below indicates that the Wednesday market has been small for a number of years with 10 vendors registered at its peak. Secondly, it shows that year after year new vendors were recruited with the hope of increasing the size of the market. However, as one new vendor joined the Wednesday market a returning vendor did not renew. This theme continued until the end of the 2018 season with all but 4 vendors indicating that they would not be returning in 2019. This number is not enough to operate a successful Wednesday Farmers’ Market.

<table>
<thead>
<tr>
<th>Year</th>
<th># of Vendors</th>
<th># of New and Lost Vendors each year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>10 Vendors</td>
<td>New: 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 1</td>
</tr>
<tr>
<td>2012</td>
<td>10 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 2</td>
</tr>
<tr>
<td>2013</td>
<td>8 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 1</td>
</tr>
<tr>
<td>2014</td>
<td>8 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 2</td>
</tr>
<tr>
<td>2015</td>
<td>10 Vendors</td>
<td>New: 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 1</td>
</tr>
<tr>
<td>2016</td>
<td>9 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 2</td>
</tr>
<tr>
<td>2017</td>
<td>9 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 2</td>
</tr>
<tr>
<td>2018</td>
<td>7 Vendors</td>
<td>New: 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lost: 3</td>
</tr>
<tr>
<td>2019</td>
<td>4 Vendors</td>
<td>4 Vendors Remain</td>
</tr>
</tbody>
</table>

Seasonal markets in Southwestern Ontario often start out slow. To combat this, a strategy was introduced in 2012 to assist new vendors. However, this strategy along
with other Wednesday specific advertising campaigns have not been successful in increasing the shopper and sales counts.

It is important to note that the City of Cambridge supports two other seasonal markets within the City limits. These markets along with the Saturday Farmers’ Market give residents the opportunity to access fresh local foods on Thursdays and Fridays in their local core areas.

The Preston Towne Market started in 2009 and is an example of a mid-week market that is doing well. This market began as a public health initiative with a goal of addressing access to local food for seniors. Its location within Central Park (King Street) was chosen because of the highly dense population of retirees living in the area. This market continues to thrive, meeting the needs of residents by providing access to local food and creating a positive community environment.

The Hespeler Farmers’ Market started in 2016 and operates on Friday evenings. This market also draws residents to the core area for fresh local foods. This market has seen tremendous success over the past three seasons.

Comments

The City of Cambridge supports the Saturday Cambridge Farmers’ Market, the Thursday Preston Towne Market and the Friday Hespeler Farmers’ Market. We feel there are other options for residents to support our local growers and producers and overall the corporate impact of cancelling the Wednesday market would be minimal.

Staff members feel that there could be room for a mid-week market in the future. With the growth that is projected to take place in the Galt core in the next few years, we could re-open in a way that better reaches the needs of the residents in the area once they are established.

Existing Policy/By-Law

BY-LAW No. 161-09

Being a by-law of the Corporation of the City of Cambridge to regulate the Cambridge Farmers’ Market

BY-LAW No. 78-16

Being a by-law of the Corporation of the City of Cambridge to amend by-law 161-09. The suspension of the Wednesday market does not impact the By-law 161-09 or By-law 78-16.
Financial Impact

The Cambridge Farmers’ Market projected $2000 in vendor revenue from the Wednesday Farmers’ Market in 2019. An effort will be made to monitor expenses and increase vendors at our Saturday Market.

Public Input

None

Internal/External Consultation

Vendors of the Wednesday Market

Vendors of the Wednesday Farmers’ Market have had an opportunity to give feedback in the form of an annual year end survey. Their comments and feedback have been weighted heavily in our decision making process as their participation and commitment is what makes the Wednesday market viable.

Cambridge Farmers Market Advisory Committee

The Cambridge Farmers’ Market Advisory Committee was consulted on the suspension of the Wednesday market for the 2019 season at their January meeting. It is the desire of the Advisory Committee that a new re-branded market be re-established that meets the needs of the downtown core in the near future.

Conclusion

It is with hopes that the City of Cambridge suspends the Wednesday Farmers’ Market at 40 Dickson Street for the 2019 season. The Market Manager along with the Cambridge Farmers’ Market Advisory Committee will explore options to re-establish and re-brand a mid-week market that meets the needs of future residents of the downtown core.

Signature

Prepared by

[Signature]

Name: Alix Aitken
Title: Market Manager
Departmental Approval

Name: Hardy Bromberg
Title: Deputy City Manager, Community Development

Acting City Manager Approval

[Signature]

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

- N/A
To: GENERAL COMMITTEE

Meeting Date: 03/05/19

Subject: Bell Small Cell Lease Agreement on City Owned Lands

From: Glenn Gedge, Director of Service Cambridge

Report No.: 19-072(CRE)

File No.: N/A

Recommendation(s)

THAT Council receives report 19-072(CEC) re: Small Cell License Agreement between the City of Cambridge and Bell Mobility Inc.;

AND THAT Council authorizes the Mayor and Clerk to execute the Small Cell License Agreement and attached schedules;

AND FURTHER THAT Council authorizes the Director of Asset Management and Project Management Office (PMO) to authorize additional facilities to the License Agreement.

Executive Summary

Purpose

In 2011, when the City of Cambridge entered into an agreement with TM Mobile (TELUS), cellular technology was growing and connectivity, especially in recreational facilities, was tenuous, at best, as a result of the construction materials utilized in some of these facilities. It is now 2019, with greater investments in smart city technology, open data, telecom infrastructure/technologies, increases in technology, the demand for cellular service connectivity specifically has never been greater and the connectivity in recreational facilities has remained unchanged. Bell Mobility has approached the City to enter into a similar license agreement the City entered into with TELUS back in 2011.

Key Findings

The highlights of the agreement include the following:

1) Term of the agreement: 10 year initial term, non-exclusive, two(2) 5 year extensions subject to new terms and conditions.
2) All work to be performed by Bell Mobility must meet all applicable statutes, laws, by-laws and any other applicable rules and regulations and must be conducted and completed to the satisfaction of the Director of Asset Management and PMO or designate.

3) No costs of any kind will be borne by the City of Cambridge.

4) The attached agreement has been reviewed by the City Solicitor and accepted by Bell Mobility Inc.

5) Similar agreements under similar terms with Bell Mobility Inc. have been approved; but, not limited to the following municipalities: Kitchener, Orillia, Sarnia, South Bruce, Stratford, Wasaga, Welland and in June 2018 – Waterloo.

6) All financial benefits have been identified in the “financial implications” section of this report.

7) Bell shall maintain comprehensive general liability coverage up to $5,000,000 per occurrence with additional insurance requirements as identified within the agreement.

8) Benefits to the City, beyond financial, is the increased connectivity within all facility installs for those Bell Mobility customers.

Financial Implications

If Council approves this licensing agreement, the financial implications are as follows:

- $1,000 one-time application fee (per facility install)
- $500 per facility install per outdoor antenna (facilities containing no indoor antenna)
- $3,000 per facility install per indoor antenna
- Any hydro costs as it relates to any facility install
- All fees are subject to a 2% per annum increase and is exclusive of all applicable sales taxes (HST)

Background

In May, 2011, the City of Cambridge entered into a 10 year agreement with TM Mobile (TELUS) to provide enhanced connectivity, for its’ customers, in three(3) city recreational facilities. Since that initial foray into agreements of this nature, the increase in the demand for connectivity, open data, and telecom technologies, especially in the areas of cellular service has never been greater. The agreement with TELUS has been turn-key for the City, with no issues since the initial install, and has resulted in
approximately $70,000 in revenue over the past 7 years and during this time, TELUS customers have benefitted with enhanced connectivity. Bell Mobility has now approached the City, with a similar 10 year agreement to provide Bell Mobility customers with the enhanced connectivity TELUS customers have been enjoying over the past 7 years.

Analysis

Strategic Alignment

PEOPLE To actively engage, inform and create opportunities for people to participate in community building – making Cambridge a better place to live, work, play and learn for all.

Goal #2 - Governance and Leadership

Objective 2.3 Encourage a culture of innovation and engagement that allows all staff to contribute to the ongoing renewal of city

The fit to our strategic vision is one of customer service, taking advantage of opportunities such as these that provide our patrons with better connectivity within our recreational facilities in an era where connectivity is in high demand and is expected within our public areas.

Comments

To be consistent with past practice and to promote and encourage enhanced connectivity and service within our facilities staff recommends Council enter into this agreement with Bell Mobility Inc.

Existing Policy/By-Law

These requests are approved on a case by case basis. There is no existing policy/by-law relating to agreements of this nature.

Financial Impact

If Council enters into this agreement, the City would incur no costs. The City would bring in, the first year, new revenues up to $4,000 per facility install ($1,000 initial one-time application and $3,000 per annum lease payment) and up to $3,000 + 2% inflationary increase per subsequent year. These revenues will be included in the Asset Management/PMO section of the operating budget.
Public Input

There has been no public consultation in respect to this agreement. This agreement is a contractual agreement between the City of Cambridge and Bell Mobility Inc.

Internal/External Consultation

Consultation has remained internal and included Parks, Recreation, and Culture staff, the Director of Asset Management and PMO, Technology Services staff, and Legal Services.

Conclusion

This is an opportunity to continue to provide enhanced connectivity within our recreational facilities for the patrons that utilize our facilities especially where demands for connectivity are as prevalent as they are today. We have had a positive experience with TELUS 7 years ago and anticipate a positive relationship with Bell Mobility on a go forward basis with this agreement. Potential opportunities could also include improvements to our own connectivity within our facilities.

Signature

Prepared by

Name: Glenn Gedge
Title: Director of Service Cambridge

Departmental Approval

Name: Cheryl Zahnleiter
Title: Deputy City Manager Corporate Enterprise
Acting City Manager Approval

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

- Small Cell Master License Agreement, Schedule A&B
SMALL CELL MASTER LICENSE AGREEMENT

THIS MASTER AGREEMENT made this XX day of April 2019.

BETWEEN:

THE CORPORATION OF THE CITY OF CAMBRIDGE

(hereinafter called the “City”)

OF THE FIRST PART

- and -

BELL MOBILITY INC.

(hereinafter called “Bell”)

OF THE SECOND PART

WHEREAS this master license agreement (the “Master Agreement”) between the City and Bell outlines the terms and conditions of a license from the City to Bell to occupy facilities owned by the City and permitting Bell to attach telecommunications equipment and provide wireless telecommunications services.

NOW THEREFORE THIS MASTER AGREEMENT WITNESSETH that in consideration of the sum of One Dollar ($1.00) now paid by each party hereto to the other and other good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), the City and Bell covenant and agree as follows:

1. **Master Agreement:** It is acknowledged and agreed that the intention of the parties hereto is to utilize this Master Agreement as a master license agreement between the parties for the license of various Facilities (as defined herein) to Bell upon the terms and conditions contained herein, provided that as and when a Facility (as defined herein) is to be added to or removed from this Master Agreement, or as and when Antenna Equipment (as defined herein) is to be added to or removed from a Facility, the City and Bell shall enter into an agreement in writing to reflect same (whether by an Approved Facility Application (as defined herein), an agreement amending an Approved Facility Application or otherwise). For clarification purposes, Bell and the City acknowledge and agree that, unless otherwise provided and agreed to in writing by Bell and the City, the parties intend for the terms of this Master Agreement to apply, mutatis mutandis, to all future Facilities during the Term (as defined herein) of this Master Agreement.

2. **Grant:** The City hereby grants to Bell a non-exclusive right, by way of a license (the “License”), to place, attach, install, operate, repair, replace, upgrade, maintain, relocate and remove accessories, structures, devices, cabling, wiring, fibre optic wiring, hydro-electric wiring, telephone wiring, Antenna Equipment (as defined herein) and other equipment used for the transmission of Bell’s wireless communications and other communication services (collectively, the “Equipment”) in, on or to certain of the City’s property and facilities (including, but not limited to, buildings, light poles, utility poles, traffic light poles, or any other poles or property owned by the City) (collectively, the “Facilities”, or, individually, a “Facility”) as identified in Approved Facility Applications (as defined herein). The work performed by Bell pursuant to this Master Agreement is hereinafter referred to as the “Work”. For clarification purposes, Bell’s operation of the Equipment shall not be considered Work. “Antenna Equipment” includes any outdoor micro antennas as well as any indoor pico antennas, and also includes any other similar indoor or outdoor antennas.

3. **Facility Application Approval:** Bell shall not place, attach or install any Equipment on a Facility without first obtaining the prior written approval of the City to an application...
submitted by Bell in regards to such Facility (the “Facility Application”) on a form substantially similar to that attached hereto as Schedule “A”. Bell acknowledges and agrees that the City may approve, deny and/or require reasonable amendments to any Facility Application prior to the approval of the Facility Application, which decision shall be made by the City in writing, in all instances, within 15 (15) business days of delivery of the Facility Application to the City. Bell and the City acknowledge and agree that: (i) once the Facility Application is executed by the City, same shall be deemed to be written evidence of the City’s approval to the Facility Application (the “Approved Facility Application”); and (ii) once the Approved Facility Application is executed (and dated) by both the City and Bell, the Approved Facility Application shall be final, shall form part of this Master Agreement and shall be subject to the terms and conditions of this Master Agreement. Bell agrees to install the Equipment at each Facility substantially in accordance with the Approved Facility Application. For clarification purposes, subject to the other terms and conditions of this Agreement, unless otherwise agreed to in writing between the City and Bell, the City shall not be permitted to require any amendments to the Approved Facility Application. In the event any information in an Approved Facility Application is inconsistent with the Equipment installed or the location of the Equipment at any Facility, and such installation as completed is agreed to by both the City and Bell, the parties agree to enter into an Approved Facility Application amending agreement, which shall amend the applicable Approved Facility Application as same applies to the terms of this Master Agreement.

4. **Potential Facilities:** The City acknowledges that Bell and the City have identified potential Facilities that Bell may put forth Facility Applications in regards to. Such Facilities and the number of anticipated Antenna Equipment (as of the date of this Master Agreement) are those identified in Schedule “B” attached hereto.

5. **Facility Application Fees:** Bell shall pay to the City a one-time application fee of One Thousand Dollars ($1,000.00) per Facility Application (plus any Sales Taxes (as defined herein)) for the review, processing and approval of Bell’s proposed Equipment installation at the Facility. “Sales Taxes” means for purposes of this Agreement all goods and services, business transfer, multi-stage sales, sales, use, consumption, harmonized, value-added or other similar taxes and any future taxes imposed by any federal, provincial or municipal government upon the City or Bell in respect of this Master Agreement, or the amounts payable by Bell hereunder or the goods and services provided by the City hereunder including, without limitation, the license of any Facilities and the provision of administrative services to Bell hereunder and includes, without limitation, the goods and services tax and any harmonized sales tax.

6. **Term:** The License shall be for a “Term” of ten (10) years commencing on the 1st day of April, 2019 (the “Commencement Date”) and ending at 11:59 pm on the 31st day of March, 2029, unless sooner terminated in accordance with this Master Agreement.

7. **Annual Fees:**

   (a) In regards to a Facility, during the period of the Term commencing on the first day of the month following both the City and Bell executing the Approved Facility Application and ending on that date which is ten (10) years following the Commencement Date (subject to Section 10 herein and subject to expiration or termination of this Master Agreement), the annual fee payable by Bell to the City shall be calculated as follows (the “Annual Fee”):

   (i) In the event that the Facility does not contain any indoor antennas, Five Hundred Dollars ($500.00) per outdoor antenna (as identified in the relevant Approved Facility Application) excluding any and all antennas relating to Bell Mobility Inc. Interactive Kiosks (plus any Sales Taxes), per year; or

   (ii) In the event that the Facility contains any indoor antennas or indoor antennas and outdoor antennas pursuant to this Master Agreement, a flat rate fee of Three Thousand Dollars ($3,000.00) (plus any Sales Taxes), per year, regardless of the number of outdoor antennas and indoor
antennas at such Facility pursuant to this Master Agreement (the "Flat Rate Annual Fee").

(b) In regards to a Facility, during the period of the Term commencing on the first day of the month following both the City and Bell executing the Approved Facility Application and ending on the next XXX th (the "Stub Year"), the City and Bell agree that Bell shall pay the appropriate pro-rated portion of the Annual Fee. Notwithstanding anything else set out herein to the contrary, the first payment of the Annual Fee as it relates to a Facility shall be due and payable within ninety (90) days of the first day of the month following both the City and Bell executing the Approved Facility Application. Following the Stub Year, during the Term, the Annual Fee as it relates to a Facility shall be due and payable, in advance, on each April 1st.

(c) Every April 1st, the Annual Fee in regards to a Facility shall be subject to a two percent (2%) annual increase on a cumulative basis over the Annual Fee payable for the immediately preceding year in regards to such Facility.

(d) In the event that: (i) an Approved Facility Application is amended for any reason as contemplated by this Master Agreement and such amendment adds or removes any Antenna Equipment, or (ii) a Facility is deleted or removed from this Master Agreement; the City and Bell acknowledge and agree that the Annual Fee associated with any such Facility shall also be adjusted, subject to the Flat Rate Annual Fee set out in Section 7(a)(i). For clarification, in regards to a Facility that contains any indoor antennas or indoor antennas and outdoor antennas pursuant to this Master Agreement, in the event any Antenna Equipment is added or removed from such Facility and such Facility still contains any indoor antennas pursuant to this Master Agreement, the Flat Rate Annual Fee shall be payable in regards to such Facility.

8. **Electricity:** Bell shall have the right, at any time, and at its own cost and expense, to connect the Equipment to and draw power from the City’s electrical power supply anywhere on lands owned or controlled by the City. Bell hereby covenants and agrees to pay for its electricity consumption in accordance with Schedule “C” herein (the “Hydro Fees”).

9. **Electronic Funds Transfers:** At Bell’s discretion, the City may agree, subject to the City’s Finance Division’s approval, that any amount owed by Bell to the City pursuant to this Master Agreement may be paid by electronic funds transfer (“EFT”). Upon Bell’s request, the City agrees, if permitted by the City’s Finance Division, to provide Bell with all of the necessary information needed to effect an EFT to the City.

10. **Extension:** The City grants and agrees that the Term of this Master Agreement may be extended by two (2) successive five (5) year terms subject to new terms and conditions that may be negotiated between City staff and Bell. Each extension period shall form part of the "Term". Unless either the City or Bell provides the other with written notice of its intention not to extend this Master Agreement at least sixty (60) days prior to the expiration of the Term or the then current extension period, as the case may be, this Master Agreement shall automatically extend for an extension period.

11. **Conditions of the Work:** The Work conducted by Bell is subject to the following conditions:

(a) The Work shall conform to all applicable federal, provincial and municipal statutes, laws and by-laws, and other applicable rules and regulations, having jurisdiction over Bell’s operations, including those regarding telecommunications, construction, safety and the environment;

(b) The Work shall be conducted and completed to the reasonable satisfaction of the Director of Asset Management and PMO or designate, in accordance with the terms and conditions of this Master Agreement, and in compliance with the terms of the Approved Facility Application;
(c) The Work shall be performed in a manner that safeguards and protects all other support structures, transmission lines, equipment, facilities and improvements of any kind ("Improvements") present at any Facilities at the time of installation;

(d) Upon completion of any Work, Bell shall repair and restore any damage to the Facilities or Improvements caused by the Work to the condition in which they existed prior to the Work, reasonable wear and tear excepted. If Bell fails to repair and restore the Facilities and Improvements within thirty (30) days of being notified by the City, the City may make such repairs and Bell shall pay the City's reasonable repair costs, upon presentation of a detailed invoice;

(e) As the City, at its sole discretion requires, Bell shall immediately cease Work for the operation, repair or maintenance of any Facility or Improvements, or for any emergency purposes, following receipt of written notice from the City in a reasonable time containing the City's reasons for stopping the Work. Bell may resume the Work once notice is given by the City that the repair or maintenance is completed, or the emergency has been resolved; and

(f) Bell shall be responsible for all Work, including the costs of such Work, including the repairs done by the City as referred to in paragraph (d).

12. Additional Fees: Bell covenants and agrees to pay any and all fees associated with any permits that Bell is required to obtain by law in connection with any Work.

13. Bell's Representations, Warranties and Covenants: Bell represents and warrants to and covenants and agrees with the City that:

(a) all Work undertaken shall be carried out diligently, in a good and workmanlike manner, in accordance with good engineering practices, and in a manner that shall:

(i) not damage or unduly physically interfere with the Improvements of the City;

(ii) minimize disruption to private and public lands adjacent to the Facilities; and

(iii) minimize physical interference with the City's and the public's use and enjoyment of the Facilities;

(b) after completing any Work, Bell shall comply with Section 11(d) and leave the Facilities in a clean, tidy and safe condition, to the satisfaction of the City, reasonable wear and tear excepted;

(c) if any lien is made, filed or registered against any Facility associated with the Work, Bell shall discharge it or cause it to be discharged forthwith at Bell's expense. Bell agrees to defend the City in any claim and cover legal expenses associated with a lien registered against any Facility as a result of the Work;

(d) Bell shall notify the City of any damage to the Facilities or Improvements arising from the Work (excluding any reasonable wear and tear);

(e) the City may place, attach, install, operate and maintain Improvements on the Facilities, and may use the Facilities for any purpose, and subject to Section 18, may allow other parties to place, attach, install, operate and maintain Improvements and use the Facilities;

(f) the City has made no representations or warranties as to the state of repair of the Facilities, or the suitability of the Facilities for any business, activity or purpose whatsoever, and Bell hereby agrees to use the Facilities on an "as is" basis;

(g) Bell shall, at all times, maintain the Equipment in a safe condition and good state of repair; and
(h) Bell has the good right, full power and absolute authority to enter into this Agreement.

14. **Access:** The City grants to Bell, its agents, employees and contractors, all rights of direct access, during Normal Business Hours (as defined herein) to each Facility. If Bell requires immediate access to any Facility in cases of emergency or power outage ("Emergency Access"). Such Emergency Access may be obtained by Bell by calling the City at Cambridge After Hours at 519 623-1340. "Normal Business Hours" mean 8:30 a.m. to 4:30 p.m. Monday to Friday, excluding holidays and other days when City Facilities are closed. The City acknowledges that the aforementioned access is critical to Bell and its business operation.

15. **Bell Termination:** This Master Agreement may be terminated by Bell or the City at any time during the Term, on ninety (90) days prior written notice to the other party. Bell may terminate if it believes that operating the its Equipment on the Facilities is no longer commercially desirable. In addition to the above, Bell or the City may terminate this Master Agreement as it relates to any one or more Facilities or Equipment (as the case may be) by giving ninety (90) days prior written notice to the other party. Upon such termination, Bell shall be released from any further obligations with respect to any matter under this Master Agreement as it relates to such terminated Facility/Facilities or Equipment (as the case may be), and Bell shall remove the relevant Equipment from the relevant Facility or Facilities in accordance with Section 17 of this Master Agreement. In the event that this Master Agreement is terminated as it relates to a Facility or Equipment (as the case may be) in accordance with this Section, the parties hereto agree to enter into a written agreement (whether by Approved Facility Application amendning agreement or otherwise) to accurately account for the Equipment and/or Facilities subject to this Master Agreement.

16. **Bell Default:** This Master Agreement may also be terminated:

(a) either in its entirety or as it relates to any one or more Facilities, in the sole and absolute discretion of the City, by written notice from the City to Bell, in the event Bell fails to pay any amount payable under this Master Agreement, which is not subject to bona fide dispute, within thirty (30) days of when the payment was due, and Bell does not rectify this default within thirty (30) days of being notified in writing by the City;

(b) as it relates to any one Facility, by written notice from the City to Bell, in the event Bell breaches any of its covenants in this Master Agreement (excluding covenants relating to the payment of any amount payable under this Master Agreement, which is governed by Section 16(a) above), and the breach continues for a period of thirty (30) days after written notice by the City to Bell specifying the nature of the breach and requiring it to be remedied. Notwithstanding the foregoing, in the event that the aforementioned breach reasonably requires more time to cure than thirty (30) days, the City shall only have the right to terminate pursuant to this Section if Bell has not commenced remeilding the breach by the thirty-first (31st) day, or, is not diligently pursuing remediation of the breach after the thirty-first (31st) day in the opinion of the City, acting reasonably; or

(c) as it relates to any one Facility, by written notice from the City to Bell, in the event Bell unduly physically interferes with the public's use and enjoyment of such Facility, and does not rectify the physical interference within thirty (30) days after written notice by the City to Bell specifying the nature of the physical interference and requiring it to be remedied. Notwithstanding the foregoing, in the event that the aforementioned physical interference reasonably requires more time to cure than thirty (30) days, the City shall only have the right to terminate pursuant to this Section if Bell has not commenced remeilding the physical interference by the thirty-first (31st) day, or, is not diligently pursuing remediation of the physical interference after the thirty-first (31st) day in the opinion of the City, acting reasonably; or
(d) in its entirety, by written notice from the City to Bell, in the event there is filed by
or against Bell, in any court, an uncontested petition in bankruptcy or insolvency,
or for reorganization, or for the appointment of a liquidator for Bell’s property.

In the event that this Master Agreement is not terminated in its entirety, and is rather
terminated as it relates to certain Equipment, a Facility or Facilities (as the case may be)
in accordance with this Section, the parties hereto agree to enter into a written agreement
(whether by Approved Facility Application amending agreement or otherwise) to
accurately account for the Equipment and/or Facilities subject to this Master Agreement.

17. **Surrender:** Upon termination of this Master Agreement as it relates to any Equipment
or one or more of the Facilities, Bell shall remove the applicable Equipment, but not
sooner than ninety (90) days of such termination, and Bell shall repair and restore
the applicable Facilities, as the case may be, to the same or similar condition in which they
existed prior to any Work, reasonable wear and tear excepted, to the satisfaction of the
City.

18. **City Interference:** Subject to the terms contained in Section 19, in using its Facilities
and accessing its Improvements, the City will use best efforts to avoid interfering with
the Equipment (which, for clarification purposes, includes impairing the quality of the
telecommunications services being rendered by Bell at the Facilities). However, Bell
acknowledges and accepts that the City may, acting reasonably, interfere with the
Equipment for the operation, repair or maintenance of the Facilities and/or
Improvements. The City agrees that in the event of any such repair or maintenance of the
Facilities or for Improvements, it shall provide Bell fifteen (15) business days prior
written notice, unless the requirement to repair and/or maintain a Facility is due to an
emergency situation identified by the City. Bell agrees that the City will not be
responsible for any costs, losses or damages suffered by Bell, as a result of the City’s
interference with the Equipment, unless caused by the willful misconduct or negligence
of the City, its elected officials, appointed officers, employees, agents or contractors,
and/or anyone for whom the City is responsible by law. The City agrees to use best
efforts to: (i) cause any third party using the Facilities to covenant that it shall use best
efforts to avoid interfering with the Equipment and Bell’s operations at the Facilities; (ii)
causing any third party using the Facilities to covenant that it shall cooperate with Bell to
remedy any interference with Equipment that may arise as a result, in part or in whole, of
the third party’s use of the Facilities; and (iii) fully cooperate with Bell if any third party
using the Facilities interferes with the Equipment. For clarification purposes, in the
event there is a conflict between the terms of this Section 18 and Section 19, the terms of
Section 19 shall prevail.

19. **Bell Interference:** Bell acknowledges that the City may have technological systems for
the transmission of information necessary to the City located at a Facility (the “City’s
Telecommunications Equipment”). Bell covenants and agrees that the operation of the
Antenna Equipment shall not cause material radio frequency interference or material
degradation of any telecommunications signals lawfully transmitted or received within or
at a Facility relating to the City’s Telecommunications Equipment. Any material radio
frequency interference or material degradation of any telecommunications signals lawfully transmitted or received within or at a Facility relating to the City’s
Telecommunications Equipment caused by the operation of the Antenna Equipment, as
determined by Bell and the City, acting reasonably, is hereinafter referred to as “Bell
Interference”. In the event the City suspects that there may be Bell Interference, the
City shall immediately provide written notice to Bell. Upon receiving such written notice
from the City, Bell shall use commercially reasonable efforts to investigate the suspected
Bell Interference within twenty four (24) hours. In the event of Bell Interference, Bell
agrees to use reasonable efforts to correct the Bell Interference as soon as possible.

20. **Non-exclusivity:** Nothing in this Master Agreement shall be construed as affecting any
rights or otherwise of others not a party to this Master Agreement to use any of the
Facilities in accordance with the City’s lawful authority, subject to the terms of Section
18.

21. **Damage and Destruction:** The City shall have no obligation to repair or replace any
Facilities in the event of any damage or destruction to any Facilities.
22. **Review:** The City and Bell agree to use reasonable commercial efforts to meet (through their agents or otherwise) two (2) times each year during the Term to review the performance of the parties under this Master Agreement, including identifying any opportunities to expand the relationship of the parties hereto.

23. **Insurance:** For the duration of the Term:

   (a) Bell shall maintain comprehensive general liability insurance with coverage up to five million dollars ($5,000,000.00), per occurrence and in the annual aggregate for products and completed operations, to protect Bell from claims for personal injury, bodily injury or property damage arising out of Bell's Work and/or operation of the Equipment. In addition, Bell agrees that:

      (i) The City shall be added as an additional insured but only with respect to Bell's legal liabilities arising out of Bell's operations under this Master Agreement; and

      (ii) The insurance shall include coverage for: products and completed operations; blanket contractual liability; cross-liability; non-owned automobile liability; and broad form property damage.

   (b) Bell shall also maintain automobile liability insurance, with coverage for bodily injury and property damage, for any Bell owned or leased vehicles used in the performance of the Work in the amount of two million dollars ($2,000,000.00) per accident.

   (c) The comprehensive general liability insurance policy shall contain a provision whereby the insurers will endeavour to provide the City with sixty (60) days' notice of cancellation.

   (d) Upon execution of this Master Agreement, Bell shall file with the City a certificate of insurance of each insurance policy required. Bell shall also provide a certificate of insurance at any time upon reasonable written request by the City. Failure to maintain the insurance policies as required by this Master Agreement is a material breach of contract.

   (e) Excess (umbrella) liability insurance may be used to achieve the required insured limits.

24. **Release:** Bell, its Affiliates and their respective directors, officers and employees, or any person or persons claiming by, through or under them, hereby release and forever discharge the City of and from any and all actions, damages, losses, causes of actions, claims and demands of any kind or nature whatsoever, which Bell may have against the City for or by any reason arising from, or out of, or connected in any way to the Work or to the transmission of wireless services, except for any actions, damages, losses, causes of actions, claims and demands caused (in whole or in part) by the negligence or willful misconduct of the City, its elected officials, appointed officers, employees, agents, contractors or any person the City is responsible for in law.

25. **Indemnity:** Bell further agrees, at its own cost and expense, to indemnify, protect and save the City harmless from and against any and all actions, damages, losses, causes of actions, claims and demands of any kind or nature whatsoever, which may be ordered or awarded against the City by third parties or lawful authority arising from, or out of, or connected in any way to the Work or to the transmission of wireless services, except for any actions, damages, losses, causes of actions, claims and demands caused (in whole or in part) by the negligence or willful misconduct of the City, its elected officials, appointed officers, employees, agents, contractors or any person the City is responsible for in law. In no event shall Bell be liable for or indemnify and save harmless the City from and against any indirect, special, incidental or consequential damages, including loss of revenue, loss of profits, loss of business opportunity or loss of use of any Facilities or property, even if advised of the possibility of such damages.
26. **Hazardous Substances**: Bell specifically acknowledges that the City is not responsible for the escape, discharge or release of any Hazardous Substance (as defined herein) from the Equipment, and specifically agrees to indemnify, protect and save the City harmless from any and all actions, causes of actions, claims and demands regarding any such Hazardous Substance that has escaped, been discharged or released from the Equipment unless caused by the negligence or willful misconduct of the City, its elected officials, appointed officers, employees, agents, contractors or any person the City is responsible for in law. "Hazardous Substance" means any hazardous or toxic substance, and includes radiofrequency electromagnetic energy, or other radiation, petroleum products and byproducts, industrial wastes, contaminants, pollutants, dangerous substances, and toxic substances, as defined in or pursuant to any law, ordinance, rule, regulation, bylaw or code, whether federal, provincial or municipal.

27. **Environmental Liability**: Bell agrees to assume all environmental liability under federal, provincial and local government laws in Canada, as a responsible person or otherwise, relating to its occupancy and use of the Facilities, including but not limited to any liability for clean-up of any Hazardous Substance in, on, under, along, across and around the Facilities, which are proven to result directly from

(a) The installation, occupation, operation and removal by Bell of the Equipment; and

(b) Any materials or goods brought to the Facilities by Bell, or by any other person with the express or implied consent of Bell.

If a Hazardous Substance is discovered at a Facility by Bell during the Term, and such Hazardous Substance did not arise out of the occupancy or use by Bell of the Facility or was not occasioned by any act or omission of Bell or those for whom Bell is in law responsible, at the City's sole expense, the City shall remove any or all such Hazardous Substances as directed by Bell (without any obligation on Bell to act reasonably), and furthermore, indemnify and hold Bell harmless from any liability arising from the presence of such Hazardous Substances at the Facility. For further clarification, Bell shall not be responsible for, or required to remove or remediate any Hazardous Substances that have migrated onto or into a Facility or which existed at a Facility prior to Bell’s occupation or use of such Facility.

28. **Safety Code 6**: Bell warrants and represents that the Antenna Equipment shall comply with all existing and future governmental requirements, safety guidelines, and codes (including, but not limited to, Safety Code 6 issued by Health Canada and Industry Canada), pertaining to radio frequency emissions and health and safety standards.

29. **Notice**: Any notice to be given under the terms of this Master Agreement shall be in writing and shall be sufficiently given if delivered personally or by courier to the party for whom it is intended, sent by facsimile to the party for whom it is intended, or, if mailed, postage prepaid, by registered mail addressed to the party for whom it is intended. The facsimile numbers and the addresses for notice are set forth for each party below.

To the City: **THE CORPORATION OF THE CITY OF CAMBRIDGE**
Cambridge City Hall
50 Dickson Street
Cambridge, Ontario
N1R 8S1
Attention: Director of Asset Management and PMO
Fax Number: 519

To Bell: **BELL MOBILITY INC.**
Real Estate Department
5099 Creekbank Rd., Building D, Floor 6N
Mississauga, ON, L4W 5N2
Attention: Real Estate Services
Fax Number: (905) 282-3102
Either party to this Master Agreement may change its address for notices or facsimile number by notice to the other party in accordance with the provisions of this Section. Any notice delivered personally, by courier or registered mail shall be deemed to have been given and received on the day it is so delivered at such address, provided that if such day is not a business day such notice or other communication shall be deemed to have been given and received on the next following business day. Any notice sent by facsimile, shall be deemed to have been given upon the date receipt by facsimile is confirmed, provided, however, if receipt is confirmed after 5:00 p.m. or on a Saturday, Sunday or statutory holiday, such notice shall be deemed to have been given on the next business day.

30. **Assignment:** Bell shall not assign or transfer any rights or privileges granted herein without prior written consent of the City. Bell shall not permit any third party to use a part of the Equipment or Facility, without the prior written approval by the City.

31. **Transfer by City of a Facility and Permanent Relocation:** In the event the City intends, proposes or plans to assign, transfer or sell a Facility, the City covenants and agrees that it shall provide Bell with written notice of such assignment, transfer or sale --- ninety (90) days prior the effective date of such assignment, transfer or sale, and, in such written notice, the City shall request that Bell relocate its Equipment to another facility location owned by the City ("Relocation"). The aforementioned Relocation request shall be in writing by the City to Bell, and shall propose a new facility location which is owned by the City. Within sixty (60) days of receipt of the Relocation request, Bell shall remove its Equipment from the current Facility, and, within ninety (90) days of receipt of the Relocation request, Bell shall, by written notice to the City, either: (i) agree to relocate its Equipment to the proposed new facility location; or (ii) terminate this Agreement as it relates to the Facility that is the subject to the Relocation. In the event that, pursuant to this Section, Bell relocates its Equipment or terminates this Agreement as it relates to the Facility that is the subject to the Relocation, the City and Bell agree to enter into a written agreement (whether by Approved Facility Application amending agreement or otherwise) to accurately account for the Equipment and/or Facilities subject to this Master Agreement. Notwithstanding the foregoing, the City shall not be permitted to assign or transfer this Master Agreement in any manner whatsoever, without the prior notice to Bell to any such assignment or transfer. Furthermore, the City covenants and agrees that the City shall not, without giving prior notice to Bell (i) grant of a lease, a license or other interest to any person or entity whatsoever related to any Facility (whether in whole or in part) that has the effect of intervening in the relationship between the City and Bell as licensor and licensee.

32. **Temporary Relocation:**

(a) Bell acknowledges that, pursuant to the terms of this Section, the City may require certain Equipment to be temporarily relocated from any Facility, if the City intends to conduct work at any Facility, or, if the City intends to redevelop all or a part of any Facility. For the purposes of the City conducting work at any Facility or redeveloping all or a part of any Facility, the City may, at any time, request that Bell temporarily relocate any or all of the Equipment to another location or facility on the property owned by the City ("Temporary Relocation"). For the purposes of this Section, the City’s proposed new location regarding the Temporary Relocation is referred to herein as the "Temporary Location". Within sixty (60) days of receipt of the City’s written notice requesting the Temporary Relocation (the "Relocation Notice"), Bell shall remove its Equipment from the current Facility, and, within ninety (90) days of receipt of the Relocation Notice, Bell, at its option, in its sole discretion, shall notify the City in writing, whether it will: (i) temporarily relocate to the Temporary Location in accordance with the Relocation Notice, and re-install the Equipment back to its original location ("Re-Relocation") once the City’s work or redevelopment is complete ("Option 1"); or (ii) temporary shutdown and remove the Equipment from the Facility to allow the City to conduct its work or the redevelopment, as applicable, after which, Re-Relocation shall occur ("Option 2").
(b) If Bell proceeds under Option 1, in the event Bell determines, at any time, in Bell's sole discretion, acting reasonably, that the proposed Temporary Location is not suitable to Bell for any reason whatsoever, in its sole discretion, Bell shall have the right to refuse such Temporary Location, and if the City cannot provide an alternative Temporary Location suitable to Bell, in its sole discretion, notwithstanding any other term of this Master Agreement, Bell may: (i) immediately terminate this Master Agreement only as it relates to such Facility, and the City shall refund pro-rata the portion of the Annual Fee and any other fees paid by Bell to the City (excluding Hydro Fees) (plus any Sales Taxes), if any, accruing due after the date of such termination relating to such Facility; or (ii) proceed under Option 2.

(c) If Bell proceeds under Option 2, the City agrees that, from the date the Equipment is shut down to the date upon which Re-Relocation occurs, the Annual Fee and any other fees paid or payable by Bell to the City (excluding Hydro Fees) (plus any Sales Taxes) relating to such Facility, shall abate.

(d) Bell shall be solely responsible for all of its expenses relating to the Temporary Relocation and the Re-Relocation.

(e) Unless Option 2 is exercised by Bell, the City agrees that the Temporary Relocation or Re-Relocation, as the case may be, shall be effected using a procedure that will ensure that the Equipment is operational for service prior to discontinuing service from the previous service location.

(f) In the event that either Bell or the City reasonably determine that this Master Agreement requires an amendment to account for the precise location of the applicable Equipment or Facility as a result of a Re-Relocation, the City and Bell both covenant and agree to, acting reasonably, forthwith enter into a written agreement (whether by Approved Facility Application amending agreement or otherwise) to accurately account for the Equipment and/or Facilities subject to this Master Agreement.

33. **Contractual Rights:** The relationship between the City and Bell and established by this Master Agreement, is that of independent contractors, and nothing contained in this Master Agreement shall be construed:

(a) To create or confer any real property interests to Bell;

(b) To constitute the parties as partners, joint ventures, co-owners or otherwise as participants in a joint or common undertaking; or

(c) To allow either party to create or assume any obligation on behalf of the other party for any purpose whatsoever (other than as set out in this Master Agreement).

34. **No Derogation:** Nothing contained or implied in this Master Agreement will derogate from the obligations of Bell under any other agreement with the City, or prejudice or affect the City's rights, powers, duties or obligations in the exercise of its functions under all public and private statutes, laws, orders and regulations, which may be as fully and effectively exercised in relation to the Facilities as if this Master Agreement had not been executed by Bell and the City.

35. **City's Representations and Warranties:** The City represents and warrants to, and in favour of Bell, that: (i) neither the entering into nor the delivery of this Master Agreement nor the completion by the City or Bell of the transactions contemplated under this Master Agreement will conflict with or constitute a default under or result in a violation of, or require a consent of anyone under any agreement to which the City is a party or by which the City or the Facility is bound; and (ii) the City has the good right, full power and absolute authority to enter into this Master Agreement and grant this License and all of the rights hereunder to Bell. The City shall indemnify Bell with respect to all claims, actions, damages, liabilities and expenses in the connection with any breach of the representations or warranties in this Section, and the City agrees to be liable for and to
pay all costs, claims, damages and expenses to Bell associated with any breach of the representations or warranties in this Section.

36. **Force Majeure**: Except for the obligation to make payments or advance funds when due hereunder, which may not be claimed as force majeure by any party, the obligations of the parties shall be suspended to the extent and for the period that performance is prevented by any cause, whether foreseeable or unforeseeable, beyond its reasonable control, including, without limitation: (i) labour disputes (however arising and whether or not employee demands are reasonable or within the power of the party to grant); (ii) acts of God; (iii) laws, regulations, orders, proclamations, instructions or requests of any government or governmental entity; (iv) judgments or orders of any court; (v) inability to obtain on reasonably acceptable terms, or unreasonable delays in obtaining, any public or private license, permit or other authorization; (vi) acts of war or conditions arising out of or attributable to war, whether declared or undeclared; (vii) riots, acts of terrorism, civil strife, insurrection or rebellion; (viii) fire, explosion, earthquake, storm, flood, sink holes, drought or other adverse weather condition; (ix) delay of failure by suppliers or transporters of materials, parts, supplies, services or equipment or by contractors’ or subcontractors’ shortage of, or inability to obtain, labour, transportation, materials, machinery, equipment, supplies, utilities or services; (x) accidents; (xi) power failure; (xii) breakdown of equipment, machinery or facilities; (xiii) actions by native rights groups, environmental groups or other similar special interest groups; or (xiv) any other cause, whether similar or dissimilar to the foregoing that is beyond the reasonable control of the affected party. The time for performance of all obligations hereunder (except for the obligation to make payments or to provide funds when due) shall be extended for a period equivalent to any period(s) of force majeure, as described above. A party that claims force majeure shall promptly notify the other party and shall: (a) take all reasonable steps to remove or remedy the cause of the prevention or delay insofar as the party claiming force majeure is reasonably able to do so and as soon as reasonably possible; and (b) use commercially reasonable efforts to mitigate any effect which an occurrence of an event of force majeure might have on the performance of such party’s obligations under this Master Agreement.

37. **Entire Agreement**: This Master Agreement contains the entire agreement between the parties with respect to the Facilities and there are no prior representations, either oral or written, between them other than those set forth in this Master Agreement. The parties agree to execute such further and other agreements from time to time as may be reasonably necessary in order to give effect to this Master Agreement and the terms herein. This Master Agreement shall be binding upon and enure to the benefit of the parties hereto and their respective successors and permitted assigns.

38. **Schedules**: The schedules attached to this Master Agreement form a part of this Master Agreement (as amended from time to time) and any obligation imposed on Bell in a Schedule will be deemed to be a covenant of Bell in this Master Agreement.

39. **Other Payments**: Bell’s obligations to pay money under this Master Agreement are in addition to, and not in substitution for, all other amounts payable by Bell to the City by separate agreement or by-law.

40. **Governing Law**: This Master Agreement will be governed by the laws of the Province of Ontario, and the parties agree to submit to the jurisdiction of the courts of the Province of Ontario.

41. **Headings**: The headings of sections and subsections are for convenient reference only and will not be deemed to limit, construe, affect, modify or alter the meaning of the sections or subsections.

42. **Time of the Essence**: Time is of the essence of the City’s and Bell’s obligations under this Master Agreement.

43. **Severability**: If any section, subsection, term or provision of this Master Agreement or the application thereof to any party or circumstance will, to any extent, be invalid or unenforceable, the remainder of the section, subsection, term or provision of this Master Agreement or the application of same to parties or circumstances other than those to
which it was held invalid or unenforceable, will not be affected thereby and each remaining section, subsection, term or provision of this Master Agreement will be valid or enforceable to the fullest extent permitted by law.

44. **Waiver:** No alleged waiver or breach of this Master Agreement is effective unless it is an express waiver in writing of the breach in respect of which it is asserted against the party alleged to have given the waiver. No waiver by a party of any breach of this Master Agreement operates as a waiver of any other breach of this Master Agreement.

45. **Gender:** In this Master Agreement, unless the context otherwise requires, the singular includes the plural and the masculine includes the feminine gender and a corporation.

46. **Ownership:** The City acknowledges that, notwithstanding any rule of law or equity to the contrary, the Equipment will remain the property of Bell even though it is attached to the Facilities.

[SIGNATURE PAGE TO FOLLOW]
IN WITNESS WHEREOF the parties have duly executed this Master Agreement as of the date first above written.

THE CORPORATION OF THE CITY OF CAMBRIDGE

Per:  
Name: Kathryn McGarry  
Title: Mayor

Per:  
Name: Michael Di Lullo  
Title: Clerk

I/We have authority to bind the corporation.

BELL MOBILITY INC.

Per:  
Name:  
Title:

I have authority to bind the corporation.
SCHEDULE “A”

FACILITY APPLICATION

Upon execution by the parties, this facility application is deemed to be approved by the City and shall form part the Master Agreement made the • day of •, 2017, as may be amended from time to time, between THE CORPORATION OF THE CITY OF CAMBRIDGE and BELL MOBILITY INC.

<table>
<thead>
<tr>
<th>Facility Application Date:</th>
<th>•</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bell’s Engineering Number:</td>
<td>•</td>
</tr>
<tr>
<td>Location Name:</td>
<td>•</td>
</tr>
<tr>
<td>Municipal Address:</td>
<td>•</td>
</tr>
<tr>
<td>Legal Description:</td>
<td>•</td>
</tr>
<tr>
<td>General Description of Equipment:</td>
<td>•</td>
</tr>
<tr>
<td>Number of Outdoor Antennas:</td>
<td>•</td>
</tr>
<tr>
<td>Number of Indoor Antennas:</td>
<td>•</td>
</tr>
<tr>
<td>Approximate Location of the Facility and Equipment:</td>
<td>As shown on plans/drawings in Exhibit “1” attached hereto.</td>
</tr>
<tr>
<td>Description of the scope of the Work (including shrouding considerations):</td>
<td>As described in Exhibit “2” attached hereto.</td>
</tr>
<tr>
<td>Schedule setting out the proposed and approximate timetable for the commencement, performance and completion of the Work:</td>
<td>As described in Exhibit “3” attached hereto.</td>
</tr>
</tbody>
</table>

IN WITNESS WHEREOF the parties agree to add this Facility to the Master Agreement as of the Facility Application Date noted above.

THE CORPORATION OF THE CAMBRIDGE

Per: __________________________
Name:
Title: Director of Asset Management and PMO.
I have the authority to bind the corporation
Date: __________________________

BELL MOBILITY INC.

Per: __________________________
Name:
Title:
I have authority to bind the corporation.
Date: __________________________
EXHIBIT "I" TO FACILITY APPLICATION

Bell's Engineering Number: •

[Plans/Drawings to be attached.]
EXHIBIT "2" TO FACILITY APPLICATION

Bell's Engineering Number: •

[Description of Work to be attached.]
EXHIBIT "3" TO FACILITY APPLICATION

Bell's Engineering Number: ●

[Approximate timetable to be attached.]
### SCHEDULE “B”

**POTENTIAL FACILITIES AND ANTENNA EQUIPMENT**

<table>
<thead>
<tr>
<th>Facility</th>
<th>Bell's Engineering Number</th>
<th>Name of Facility</th>
<th>Approximate Location of Facility</th>
<th>Antenna Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>David Durward/Centre for the Arts</td>
<td>62 Dickson Street</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>John Dolson Pool</td>
<td>212 South Street</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>WG Johnson Pool</td>
<td>31 Kribs</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>WE Pautler Centre</td>
<td>1145 Concession Road</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Allan Reuter Senior Centre</td>
<td>507 King Street East</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Gulf Arena</td>
<td>98 Shade Street</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Preston Auditorium</td>
<td>1458 Hamilton Street</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Karl Homuth Arena</td>
<td>1407 Hamilton Street</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Hespeler Memorial Arena</td>
<td>640 Ellis Road</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Duncan McIntosh Arena</td>
<td>200 Christopher Drive</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>Dickson Park Centre Arena</td>
<td>30 Parkhill Road West</td>
<td></td>
</tr>
</tbody>
</table>
SCHEDULE “C”

HYDRO FEES

In regards to a Facility, during the period of the Term commencing on the first day of the month following both the City and Bell executing the Approved Facility Application and ending on that date which is ten (10) years following the Commencement Date (subject to Section 10 herein and subject to expiration or termination of this Master Agreement), the Hydro Fees payable by Bell to the City shall be calculated as follows:

(i) In the event that the Facility does not contain any indoor antennas, **Two Hundred and Fifty Dollars ($250.00) per outdoor antenna** (as identified in the relevant Approved Facility Application), excluding any and all antennas relating to Bell Mobility Inc. Interactive Kiosks, (plus any Sales Taxes), per year; or

(ii) In the event that the Facility contains any indoor antennas or indoor antennas and outdoor antennas pursuant to this Master Agreement, a flat rate hydro fee of **One Thousand Dollars ($1000.00) per year, regardless of the number of outdoor antennas and indoor antennas at such Facility pursuant to this Master Agreement (the “Flat Rate Hydro Fee”).**

In regards to a Facility, during the Stub Year, the City and Bell agree that Bell shall pay the appropriate pro-rated portion of the Hydro Fees (including any Sales Taxes relating thereto). Notwithstanding anything else set out herein to the contrary, the first payment of the Hydro Fees as it relates to a Facility shall be due and payable within ninety (90) days of the first day of the month following both the City and Bell executing the Approved Facility Application. Following the Stub Year, during the Term, the Hydro Fees as it relates to a Facility shall be due and payable, in advance, on each April 1st.

In the event that: (A) an Approved Facility Application is amended for any reason as contemplated by this Master Agreement and such amendment adds or removes any Antenna Equipment, or (B) a Facility is deleted or removed from this Master Agreement; the City and Bell acknowledge and agree that the Hydro Fees associated with any such Facility shall also be adjusted, subject to the Flat Rate Hydro Fee set out in subsection (ii) of this Schedule “C”. For clarification, in regards to a Facility that contains any indoor antennas or indoor antennas and outdoor antennas pursuant to this Master Agreement, in the event any Antenna Equipment is added or removed from such Facility and such Facility still contains any indoor antennas pursuant to this Master Agreement, the Flat Rate Hydro Fee shall be payable in regards to such Facility.
Recommendation(s)
THAT General Committee staff report 19-080(CRE) –Smart Waterloo Region Update – be received as information.

Executive Summary

Purpose

- To provide an overview of the Smart Waterloo Region proposal for Phase 2 of the Federal Government’s Smart Cities Challenge.

- The City of Cambridge is part of the Smart Waterloo Region proposal that has been shortlisted as one of five finalists being considered for the $50 million dollar award.

- The proposal focuses on creating connected technology and data solutions to support children and youth in Waterloo Region. This includes; enhancing youth programming, literacy rate strategies, nutrition and food programs, mental and physical health solutions, infrastructure such as connected community spaces, broader education platforms, and high school graduation rates.

Key Findings

- Development of the Phase 2 application was led by the Region’s Office of Regional Economic Development with support from the Children and Youth Planning Table of Waterloo Region. Consultants and temporary contract staff were retained by the Region and area municipalities to support engagement, marketing, and application development.
• City of Cambridge staff have been an active part of the proposal development.

• Phase 2 has concluded with the development of the Smart Waterloo Region proposal, which will be submitted to the Federal Government on March 5, 2019.

• Proposals will be evaluated in the Spring of 2019.

• Successful proposals will be provided with funding to implement their work plan using funds provided by Infrastructure Canada.

Financial Implications

• The Phase 2 proposal development work was funded by a $250,000 grant from the Federal government, which was matched by the Region and area municipalities. This funding was further supplemented by in-kind and cash support from a number of community partners.

• The City of Cambridge’s financial contribution was $33,825.

Background

In late November 2017, Infrastructure Canada launched a two-phase Smart Cities Challenge to municipalities across the country that encourages communities to leverage data and connected technology to increase the quality of life for residents. There are three prize categories for the Challenge:

1. One prize of up to $50 million – open to all communities, regardless of population (Communities over a population of 500,000 must apply to this category);
2. Two prizes of up to $10 million – open to communities of any size and,
3. One prize of up to $5 million – open to communities with a population less than 30,000.

In April 2018, the Region of Waterloo, the Cities of Cambridge, Kitchener, and Waterloo, and the Townships of Wilmot, Woolwich, North Dumfries, and Wellesley collectively responded to the Government of Canada’s Smart Cities Challenge to municipalities. The Smart Cities Challenge encourages communities to leverage technology and data solutions to help overcome their most pressing challenges. Through the Phase 1 application process, Waterloo Region selected Healthy Children and Youth as its community challenge area.

To this end, Waterloo region’s Phase 1 application focused on creating connected technology and data solutions to support children and youth in Waterloo Region. This included; enhancing youth programming, literacy rate strategies, nutrition and food programs, mental and physical health solutions, infrastructure such as connected community spaces, broader education platforms, and high school graduation rates.
The "Challenge Statement" which formed the basis for our regional proposal was as follows:

“We will become the benchmark community in Canada for child and youth wellbeing by using early intervention, youth engagement and a connected-community framework to create adaptive, data-driven programs and scalable learning technologies that improve early child development, mental health and high school graduation rates.”

On June 1, 2018, the Prime Minister announced the five finalist communities in each of the three categories plus five indigenous communities that were finalists in the small and medium-sized categories. Waterloo region’s application focusing on Healthy Children and Youth was one of the five finalists in the Big Cities category along with the Cities of Vancouver/Surrey, Edmonton, Montreal, and Québec City.

**Phase 2 Project Administration**

In early fall 2018, the finalist communities received the Phase 2 application requirements and have been developing a full proposal that leverages technology, partnerships, and data to overcome their community challenge. This work has been supported by community engagement to help shape final proposals. The winning community will receive a $50 million grant over five-years to support the implementation of their proposal. The final proposal submission is due to Infrastructure Canada on March 5, 2019. This will be followed by a proposal review with the Smart Cities Jury in April and a presentation on the Smart Waterloo Region proposal in May. The announcement of winning communities in each category is expected in late May or early June, 2019.

The development of the Phase 2 proposal was guided by the following administrative structure:

- **Steering Committee** – Similar to Phase 1, the Steering Committee was made up of the Chief Administrative Officers from the Region of Waterloo and area municipalities.
- **Advisory Committee** - An Advisory Committee made up of representatives from industry associations as well as education, health, and children and youth providers provided recommendations relating to Phase 2 community and partner engagement and overall proposal development.
- **Youth Advisory Committee** – To ensure that the proposal was reflective of the needs of youth in Waterloo Region, a Smart Cities Youth Advisory committee was established. The Youth Committee identified and validated challenges that youth are facing in Waterloo Region and also helped with outreach to youth across the Region.
• **Data, Privacy, and Security Working Group** – Data representatives from private sector tech companies, children and youth service providers, and area municipalities participated on a working group to help pilot a new data sharing collaborative, develop IP and data sharing principles, and assist with the development of a data measurement framework.

• **Area Municipal Working Group** – Staff from area municipalities supported the proposal development in a number of areas including partner engagement, project management, and impact modelling.

Development of the Phase 2 application was led by the Region’s Office of Regional Economic Development with support from the Children and Youth Planning Table of Waterloo Region. Consultants and temporary contract staff were retained by the Region and area municipalities to support engagement, marketing, and application development. The Phase 2 proposal development work was funded by a $250,000 grant from the Federal government, which was matched by the Region and area municipalities. This funding was further supplemented by in-kind and cash support from a number of community partners.

**Community Engagement**

To ensure that the proposal was informed by input from community partners, youth, and the public, the Smart Waterloo Region team undertook a series of stakeholder engagement sessions between October 2018 and February 2019. The following engagement activities were designed around the priority focus areas of child and youth wellbeing in Waterloo region (early childhood development, literacy rates, mental health, and sense of belonging):

• **Smartwr.ca** – The Region and area municipalities used the engage platform to collect feedback and share information on the Smart Cities Challenge, the Phase 1 proposal, and engagement sessions.

• **Social Media** – Twitter and Instagram were used as the primary social media platforms to raise awareness of the challenge, direct the community to further information about engagement sessions, and share input towards the development of solutions.

• **Stakeholder Labs** – A series of targetted sessions with child and youth service providers and technology sector representatives were held to identify barriers to child and youth wellbeing in Waterloo Region and related opportunities for technology-enabled solutions.

• **Stakeholder Pop-ups** – A number of community partners included the Smart Cities Challenge engagement at their own community events. This included allowing space for Smart Waterloo Region information booths, feedback forums, partner-led roundtables, and project presentations.
- **Conversation Toolkits** – To help guide community level conversations about child and youth wellbeing and generate new ideas for solutions, a conversation toolkit was designed for youth, parents, and community partners to lead or participate in discussions without Smart Waterloo Region staff present.

- **Street Teams** – Members of the Youth Advisory Committee and other youth ambassadors participating in the engagement process completed their own youth-to-youth surveys and discussions. The framework of engagement questions were provided to youth and they created their own online or in-person surveys.

- **Youth Forums** – Organized youth engagement forums were held across the region over the fall. These forums culminated into a Smart Waterloo Region youth day in January where youth from every area municipality in Waterloo Region shared ideas about what youth in Waterloo Region need and how technology has a role in supporting those needs.

- **Hackathon** – To help identify the framework for potential technology solutions, members from the Waterloo Region technology sector participated in a hackathon that responded to the challenges identified in each one of the focus areas.

A public engagement session launching the development of the Phase 2 proposal was held at the Idea Exchange (Old Post Office location) on November 20, 2018. This was 1 of 3 locations across the region where sessions were held at the same time with over 250 participants.

In total, over 35 events occurred over the engagement period. Details of the engagement process will be included in the proposal to Infrastructure Canada. While an effort was made to engage youth from across Waterloo Region, special focus was given to reaching out to underrepresented youth (e.g. newcomers, rural youth, LGBTQ2+). Attached to the Smart Waterloo Region proposal will be a letter of support with over 2000 signatures from youth across the Region.

**Proposal Overview**

While the proposal aims to improve child and youth wellbeing in general, there is a specific focus on building or adopting technology or data-enabled solutions for the four priority areas identified by community partners for Waterloo Region – early childhood development, literacy rates, mental health, and sense of belonging. Addressing the challenges faced by children and youth face in these four areas will have a positive impact on bullying and high school graduation rates, which are important outcomes identified in the Smart Waterloo Region proposal. The proposal identifies solutions that will benefit children and youth equally across Waterloo region’s urban and rural communities. It also identifies solutions and program delivery frameworks that can be scaled to other communities across Canada.
To measure the impact of the proposed solutions on child and youth wellbeing in 
Waterloo region, the proposal also includes a plan to build a full measurement 
framework based on the UNICEF Child and Youth Wellbeing Index and the Sustainable 
Development Goals. The measurement framework will leverage a new data 
collaborative that will combine data collected from multiple child and youth service 
providers to address gaps in available data, measure progress towards targets, and 
populate a real-time dashboard available to the community. A data and privacy plan for 
the project has been developed and is currently being reviewed by the Ontario Privacy 
Commissioner’s office.

Included in the proposal will be an overview of existing programming and services to 
children and youth that relate to Early Childhood Development, Literacy, Youth Mental 
Health, and Youth Sense of Belonging – Connecting Youth to Community. In the 
proposal the Smart Waterloo Region team will show the value of these services offered 
throughout Waterloo Region as an in-kind contribution to the project over the next five 
years, primarily through the staff time. This will support our “municipal contribution” to 
achieving project outcomes in our proposal. Only direct services to children and youth 
(e.g. Program Administrator for youth literacy camp, childcare provider at daycares, 
etc.) will be included in the calculations.
Below you will find the existing programming and services contributions of Cambridge:

<table>
<thead>
<tr>
<th>Municipal Service Delivery/Contribution Area for Children and Youth (Early Childhood Development, Literacy, Mental Health, Sense of Belonging – Connecting Youth to Community)</th>
<th>Annual programming/$ contribution (Cash or In-Kind)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. # of Program /Services Offered</td>
<td>2371</td>
</tr>
<tr>
<td></td>
<td>Includes direct community program and other events focused on youth engagement in the City of Cambridge.</td>
</tr>
<tr>
<td>Approx. # of Staff supporting Program Delivery/Services Offered</td>
<td>197</td>
</tr>
<tr>
<td></td>
<td>Includes staff involved in delivering camp programing, arts centre, aquatic and other youth programs.</td>
</tr>
<tr>
<td>Approx. $ Value of Staff Support towards Program Delivery/Services Offered</td>
<td>$1,009,500</td>
</tr>
<tr>
<td></td>
<td>Includes camp programing, arts centre, aquatic and other youth programs.</td>
</tr>
<tr>
<td>Approx. $ contributed to community partners to deliver child and youth programming</td>
<td>$242,256</td>
</tr>
<tr>
<td></td>
<td>Includes funding provided through grants to groups focused on youth as well as other contributions to neighbourhood programs.</td>
</tr>
</tbody>
</table>

**Partnerships & Proposed Solutions**

Through the Phase 2 process, over 50 partnerships have been established with industry associations, child and youth service providers, educational organizations, and private sector partners. New partnerships have also been established with Provincial and National organizations, primarily to support with scaling solutions to other communities across Ontario and Canada. Each partner has agreed to support the implementation of the Smart Waterloo Region proposal which could include: technology-enabled programming; project scoping; research and development; physical space to support engagement and child and youth development activities; data sharing; funding to support projects; and, building organizational and delivery capacity within our child and youth service sector. Partner contributions to the project total over $40 million in cash or...
in-kind support. Each organization has submitted a letter confirming their partnership and contribution, which will be submitted to Infrastructure Canada as part of the proposal.

Over 25 technology or data projects have been identified as part of the proposal. All the projects are aligned with the four primary child and youth wellbeing focus areas of the proposal. Some of these projects include existing pilot projects or solutions that community partners have been delivering in Waterloo region but could be further enhanced with technology solutions to have a bigger impact for youth in the community. Other projects have been identified through the community engagement process as opportunities to leverage technology or data solutions to address gaps in service delivery or supports to children and families. These projects will require further development before finalizing specific technology solutions, which will be identified through an RFP process during the implementation period.

Project examples include:

- In partnership with UNICEF Canada, develop a community-based data platform that connects data sets from different organizations to measure child and youth wellbeing;
- Using machine learning to analyze data and measure the impact of programming and solutions against the national child and youth wellbeing index;
- In partnership with the Children and Youth Planning Table of Waterloo Region, develop applications to coordinate access to mental health services for youth;
- Working with the YMCA of Cambridge and Kitchener-Waterloo, create new e-platforms that support newcomer youth integration;
- Working with Rogers Communications to build infrastructure projects that extend fibre connectivity to our Township libraries and community centres where programming is offered;
- The creation of connected community spaces that supports neighbourhood-based technology-enabled programming that is coordinated across Waterloo Region. This includes a new Centre of Excellence for Child and Youth Wellbeing that will be constructed in partnership with HIP Developments and Launch;
- Working with local partners such as the University of Waterloo Games Institute, develop gamified solutions to support child and youth engagement; and
- Working in partnership with Communitech and other community partners to develop technology-enabled programming to support life-skills development.

**Governance**

As part of the proposal submission, a governance structure must be included that outlines how projects will be administered during the implementation period. An advisory committee would be established by Regional Council made up of youth and community representatives from the technology, education, and child and youth service
sector. The Advisory Committee would have decision-making authority for projects supported through the proposal including projects submitted through the Request for Proposals process.

A proposal evaluation committee comprised of community representatives will be created to review technology proposals against predefined criteria and make recommendations to the Advisory Committee for approval. Similar to Phase 2, a youth advisory committee and data, privacy, and security working group would be established to support youth engagement and the establishment and implementation of the data sharing collaborative.

The Region of Waterloo would provide operational support for the implementation of the proposal including administrative support (e.g. Legal, Information Technology, office space). Staffing would be required to oversee project implementation, vendor selection, stakeholder management, community engagement and project reporting. Funding to support staffing would come from funds received through the grant. An organizational chart providing an overview of the governance structure is available in Attachment 1.

Next Steps

The final application must be submitted to Infrastructure Canada on March 5, 2019. The application will be reviewed by a jury of industry experts in March. A proposal review with the Smart City Jury is expected sometime in April followed by a proposal presentation in May. The announcement of winning communities in each category is expected in late May or early June 2019.

Once the results of the challenge are released, further communication to the municipal partners will be brought forward, including any next steps with respect to future implementation.

Analysis

Strategic Alignment

PEOPLE To actively engage, inform and create opportunities for people to participate in community building – making Cambridge a better place to live, work, play and learn for all.

Goal #1 - Community Wellbeing

Objective 1.3 Deliver accessible, inclusive and age-friendly services, programs, and facilities.

The Smart Waterloo Region proposal is an example of how the community has begun working together to address some of the wider challenges around youth engagement and wellbeing. The City of Cambridge has been an active participant in this process and
has worked hard to ensure that the youth and tech industry in Cambridge have been a key part of this important discussion.

Comments

This report is for information and is aligned with the Council reports being received by each of the partners involved in the proposal development.

Existing Policy/By-Law

N/A

Financial Impact

Development of the Phase 2 application was led by the Region’s Office of Regional Economic Development with support from the Children and Youth Planning Table of Waterloo Region. Consultants and temporary contract staff were retained by the Region and area municipalities to support engagement, marketing, and application development.

The Phase 2 proposal development work was funded by a $250,000 grant from the Federal government, which was matched by the Region and area municipalities. This funding was further supplemented by in-kind and cash support from a number of community partners.

The City of Cambridge’s financial contribution to the development of this proposal was $33,825 funded out of the budget for the Corporate Enterprise Department.

Public Input

There has been extensive public consultation and engagement throughout the region as part of the development of this proposal. The official launch of the proposal included a session in Cambridge, and staff have ensured that the youth and tech sector in Cambridge have been invited to participate throughout the process.

Internal/External Consultation

Throughout the development of the proposal staff from several divisions have participated – this includes; Corporate Strategy, Parks and Recreation, Project Management, Clerks (Accessibility and Inclusion) and Communications. There has also been active involvement by our local neighbourhood associations and other interested community agencies.
Conclusion

The Waterloo Region proposal for Phase 2 of the Federal Smart Cities Challenge is an exciting partnership that demonstrates how a community can come together to address key challenges such as youth wellbeing.

The proposal has been developed through extensive community consultation and is due March 5, 2019. It is being submitted for consideration as a finalist for the $50 million dollar award in the "big city" category. The winner is expected to be announced in Spring 2019.

Signature

Prepared by

[Signature]

Name: Brooke Lambert
Title: Director of Corporate Strategy

Departmental Approval

[Signature]

Name: Cheryl Zahnleiter
Title: Deputy City Manager Corporate Enterprise

Acting Manager Approval

[Signature]

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

Attachment 1 – Proposed Governance Structure for Smart Waterloo Region Implementation
Attachment 1 – Proposed Governance Structure for Smart Waterloo Region Implementation

Region of Waterloo to provide Administrative support (e.g. Legal, IT)
To: GENERAL COMMITTEE

Meeting Date: 03/05/2019

Subject: Recreation Complex Opportunities

From: Yogesh Shah, Director of Asset Management and Project Management Office

Report No.: 19-061(CRE)

File No.: N/A

Recommendation(s)

THAT Council receives Report Number 19-061(CRE) Recreation Complex Opportunities for information;

AND THAT Council direct staff to host a public information centre and online engagement forum to receive feedback on the information presented in this report;

AND THAT Council direct staff to present feedback received through the community engagement process at a future council meeting;

AND FURTHER THAT Council direct staff to provide recommended options for recreation complex location and programming at a future council meeting.

Executive Summary

Since 2014, the City has been evaluating the construction of a multi-purpose recreation complex. Council constituted project task forces developed a list of desired programming components and evaluated possible facility locations. The site evaluation task force reviewed 34 sites and provided a shortlist of 5 qualifying sites.

As requested by Council, this report provides detailed information to consider the Southeast Galt site to locate a recreation complex and/or improvements to existing facilities as viable options for delivery of recreation services.

Community feedback should be collected for locating a recreation complex at the Southeast Galt lands along with investment in existing facilities.
Purpose

This report is in follow up to the report Multiplex Site Considerations, Report to Council 17-015(CSD) dated June 27, 2017 and provides detailed information about the opportunity to develop an aquatic/gymnasia facility at City owned Southeast Galt lands in addition to sites previously reviewed by the site evaluation task force.

The report also includes:

- Current estimated project costs for phase I and phase II
- Potential opportunities at existing recreational facilities
- Indoor recreation facility needs assessment update

Key Findings

- Opportunities to develop a recreational facility at City owned Southeast Galt lands along with phased improvements to existing facilities are presented in this report.

- To continue providing quality recreational services at an affordable cost, once the location for recreation complex is finalized, phased implementation along with partnership opportunities for construction and operation of the facility should be considered.

- Updated data provided in this report confirms the conclusions of the 2015 Indoor Recreation Facility Needs Assessment.
  - Current arena ice time availability exceeds the demand and operation of twin pad arenas is more efficient than single pads.
  - The marked increase in senior’s use of City pools supports the conclusion that the aging population in Cambridge is using public recreation facilities, and would likely use a therapeutic pool.
  - An elite-level competition tank (e.g., 50-meter pool) is not recommended to be built and operated by the City of Cambridge.
  - Usage analysis confirms that only one aquatic facility is required to serve the Southeast Galt area.

- Dickson Centre and Duncan McIntosh Arenas and John Dolson pool will require significant capital improvements/investment over next 10-years to continue operations in the absence of a new recreation complex.
Financial Implications

- Estimated project costs have significantly increased from the initial estimated construction costs Council approved in May of 2016. The reasons for project cost escalation are provided in Attachment A.

- The current estimated cost to implement the full project (phase I and II – 4 ice pads) concurrently is $130.7 million. $62.4 million of the project costs would be funded from property taxes with an estimated tax rate impact of 4.5% to 6% due to debt repayment. The remaining project costs would be funded from development charges to be recovered over the next 23 years.

- The current estimated cost to implement phase I (2 ice pads) of the project is $94.6 million. $48.6 million of the project costs would be funded from property taxes with an estimated tax rate impact of 3.5% to 5% due to debt repayment. The remaining project costs would be funded from development charges to be recovered over the next 16 years.

- The current estimated project cost for a recreation complex excluding arenas is $59 million. $15.2 million of the project cost would be funded from property taxes with an estimated tax rate impact of 1.0% to 1.5% due to debt repayment. The remaining project cost would be funded from development charges to be recovered over the next 15 years.

- A summary of project costs, funding sources, debt financing impacts and development charges recovery period is presented in the attached Table 1.

Background

In 2014, the City completed a recreational facilities master plan that recommended the establishment of a large scale multipurpose sport and recreational facility to meet current and future recreational needs.

Two Council-appointed task forces were formed to advance the concept. The first task force determined, through considerable public input, what components should be included in the final design of the facility. On May 16, 2016, Council approved a concept plan for the multiplex which included the following functional programming elements:

- Aquatic complex with a 25 metre – 10 lane pool, a warm water/therapeutic pool and a leisure pool with spectator seating

- Triple gymnasium

- Fitness track
- Multi-purpose rooms and display space
- 4 (four) NHL sized ice pads (design 4 pads, construct 2 pads in phase I and 2 further pads at a future date [phase II]) with spectator seating in one arena pad

**Site evaluation task force outcomes**

In May of 2016 a second task force was established to undertake a community consultation process related to site evaluation and to present information gathered through this process. The task force comprised of 2 members of Council; 2 members of staff; and 5 members of the public and a Chamber of Commerce representative.

Extensive public consultation was completed to identify important criteria for site selection. Following this, 34 sites were evaluated. Based on the site evaluation task force criteria a short list of five sites was established and ranked as follows:

1. 261 Hespeler Road (71.8 points)
1. 220 Pinebush Road (71.8 points)
3. 0 & 112 Pinebush Road (67.2 points)
4. Franklin at Savage (north corner) (59.4 points)
5. 850 Fountain St S. - Conestoga College (59.0 points)

The property at 0 & 112 Pinebush Road is proposed to be redeveloped. Further, the owner of the property is not a willing host for a recreational complex at this property.

In March and June of 2017 additional specific site analysis and information for each site was presented to Council.

The June 2017 Report to Council 17-015(CSD) also included four options for consideration as potential next steps in the multiplex development process. One of the options was to develop an aquatic/gymnasia complex on lands owned by the City in Southeast Galt in conjunction with Idea Exchange (the Cambridge Public Library), the Catholic school board and the Public school board.

**Progress since conclusion of site evaluation process**

In December 2017, Council provided direction that the proposed multiplex facility be separated into two parts; one being an aquatic facility and the other a non-aquatic recreation complex.

Further in December 2017, as a result of a Request for Expression of Interest (RFEOI 2017-56), Council directed staff to enter into discussions with Morguard Real Estate Investment Trust (REIT). Discussions were to explore the potential to locate recreational
facilities at the Cambridge Centre. Council resolved to cancel the RFEOI 2017-56 in February of 2019 and thank Morguard REIT for their participation in this process.

Further in February 2019, Council directed staff to prepare and present alternative options including the concept plan to build a recreation complex at City owned Southeast Galt lands with continued investments to existing recreation facilities for the City to deliver the desired recreational programming at affordable costs.

Analysis

Strategic Alignment

PLACE: To take care of, celebrate and share the great features in Cambridge that we love and mean the most to us.

Goal #5 - Parks and Recreation

Objective 5.1 Work with the community to provide the right mix of recreational opportunities that meet the needs of a changing and diverse population.

The recreation complex project will contribute significantly to the City’s recreational landscape and represents the largest recreational facility expenditure proposed to date. The project is consistent with the strategic goals related to creating significant places and promoting economic development as well as contributing to the sport and recreational aspirations of the community.

Comments

1.0 Southeast Galt site information

The Southeast Galt lands were purchased in 2007 by the City for joint development to support a new City community centre, a new branch of Idea Exchange (the Cambridge Public Library), and new schools for each of the Waterloo Region District School Board (WRDSB) and the Waterloo Catholic District School Board (WCDSB). The Southeast Galt City owned lands encompass 32.5 acres, 18 acres of which would be available for a recreation complex, library and related amenities.

City staff has consulted the partners for the Southeast Galt lands. A brief summary of their facility needs and timelines for construction are outlined in Attachment B.

Current Provincial policy encourages the development of community hubs to co-locate services for the neighbourhood community while maximizing the use of land. Construction of a recreation complex at the Southeast Galt City owned lands would provide a community hub. When this Southeast Galt area is fully developed, a forecasted population of up to 26,500 is estimated within 1.5 km of the Southeast Galt Lands (about a 15 minute walking distance).
The Southeast Galt lands will be accessible from Dundas Street South, Franklin Boulevard, Myers Road, the Regional South Boundary Road (under construction), and the proposed future Regional East Boundary Road.

**Recreation Complex at Southeast Galt**

MacLennan Jaunkalns Miller Architects (MJMA) prepared a high-level review of the Southeast Galt lands ‘site fit’ for recreation complex program components. The site allows for the construction of recreation amenities including an aquatic centre, gymnasium and track, fitness room and multi-purpose rooms as well as possible phased arena construction. The site could also accommodate proposed new facilities for the WRDSB, WCDSB and Idea Exchange.

This site configuration could share parking capacity to balance peak usage times between school and recreation complex facilities and allow for a central location for a City of Cambridge Idea Exchange facility shared between the proposed schools and recreation complex.

Conceptual plans for a recreation complex along with schools and a library at the Southeast Galt lands are included for reference as Attachment B. While the conceptual plan shows the facility with two ice pads, a further two ice pads can be accommodated at a future date on the City’s 18 acre portion of the site.

**2.0 Potential Opportunities at Existing Recreation Facilities**

MJMA also reviewed several existing City of Cambridge recreation facilities to determine the best potential sites for arena additions. The phased construction of new ice pads may enhance the efficiency of existing facilities and provided for more cost-effective operation. Information about each of the existing arenas and indoor pools, as well as concept plans for improvements and expansions are included in Attachment C.

**Preston Memorial Auditorium**

Improvements and an expansion to the Preston Memorial Auditorium would provide an opportunity to addressing barrier-free and gender specific amenities required by sport governing bodies. The proposed addition would require decommissioning of the maintenance facility to the north-east of the existing arena building. Karl Homuth Arena would be decommissioned with expansion of the Preston Memorial Auditorium.

The concept plan for facility improvements and an expanded twin-pad facility is provided in Attachment C. The current estimated project cost to improve the existing arena along with expanding the facility to add an ice pad is $14M.

**Hespeler Memorial Arena**

The Hespeler Memorial Arena configuration could allow for efficient expansion; it has a central public lobby that can be extended to the south-east to connect to new ice pads.
and team rooms. Sufficient site area exists to allow for a single or double pad addition. The relocation or reconfiguration of some of the existing practice sport fields on site would have to be coordinated with St. Elizabeth Catholic Elementary School.

According to the 2015 Indoor Recreation Facility Needs Assessment given current demand and profiles of existing facilities there is insufficient justification for a new quad-pad arena development. However, if desired additional twin-pad facilities can be accommodated at Hespeler Memorial Arena. The concept plan for an additional twin-pad facility is provided in Attachment C. The current estimated cost to add an additional twin-pad facility is $26M.

**Dickson Centre and Duncan Mcintosh Arena**

These facilities should be considered for decommissioning and potential future use for venues for community associations and/or non-ice activities.

**St. Ambrose School/ John Dolson Centre Pool**

Upon building a recreation complex at the Southeast Galt lands there is an opportunity to decommission John Dolson pool. Lands could be repurposed for other potential future uses.

If not decommissioned, Dickson Centre and Duncan Mcintosh Arena and John Dolson pool facilities will require significant capital improvements over the next 10 years for continued operation.

**3.0 Indoor Recreation Facility Needs Assessment Update**

The following information serves to update the March 2015 Indoor Recreation Facility Needs Assessment report. A summary of updated information is provided below; detailed information is presented in Attachment D.

**Arenas**

Updated data provided in this report confirms the conclusions of the 2015 Indoor Recreation Facility Needs Assessment. Namely that, current arena ice time availability exceeds existing demand and operation of twin pad arenas is more efficient than single pads. Data trends show that:

- The number of hours of ice bookings has decreased by 16% since 2011
- Enrollment in minor sports has remained steady over the last decade
- Prime time use of City ice facilities varies between 61 and 90%. Since 2012,
Prime time ice usage at Dickson Centre, Duncan McIntosh and Karl Homuth arenas is decreasing. This may be a reflection that current amenities at these facilities do not meet user group’s expectations.

Prime time ice usage at Galt Arena Gardens and Hespeler Memorial Arena is increasing.

Preston Memorial Auditorium prime time bookings have remained steady.

- Non-prime time use of City ice facilities has significantly decreased at all facilities from 2012 to 2018.
- Cost recovery rates for ice facilities have dropped from 61% in 2012 to 59% in 2018. Operation of twin pad arenas is more efficient than single pads.

**Indoor Pools**

Current indoor pool availability meets the existing communities demand. Data trends show that:

- The number of aquatic memberships purchased increased by 65% from 2010 to 2018. Senior memberships increased significantly from 2015 to 2018.
- The marked increase in senior’s use of City pools supports the conclusion that the aging population in Cambridge is using public recreation facilities, and would likely use a therapeutic pool.
- Drop-in swim attendance decreased from 2011 to 2018.
- Reduction to operating hours at John Dolson Pool increased the lesson fill rate by 14% from 2017 to 2018. Although overall lesson registrations declined, as a result of reduced operating hours more available lessons spots were filled.
- Cost recovery rates for indoor pool facilities have increased from 44% in 2013 to 46% in 2018.

**Existing Policy/By-Law**

Cambridge Official Plan and Zoning By-law – an analysis of current Official plan and current and proposed future zoning for the Southeast Galt lands are included in Attachment B.

City uses are permitted as of right on any property through the Official Plan and Zoning By-law, provided that all of the zoning requirements such as setbacks from property lines, required parking, lot coverage, etc. are met. An approved site plan application would be required for the construction of a recreation complex.
Financial Impact

Funding Sources and Operating Impact due to Debt Financing

A new or expanded recreation complex would be eligible for funding from development charges relating to the portion of increased indoor recreation square footage space. Development charges are collected as a result of new development, and are a source of funding towards growth related capital expenditures. Any portion that is a replacement of existing indoor recreation space would need to be funded through the tax base.

There are many factors that go into determining the project funding and associated impact of debt financing for a recreation complex, including what facility/facilities are decommissioned, how the project is phased, the term of the debt and the interest rate of the debt.

The attached Table 1 provides a summary of project costs, funding sources, debt financing impacts and development charges recovery period for:

- Council approved programming - phase I and II (4 Ice pads) at Southeast Galt
- Council approved programming - phase I (2 Ice pads) at Southeast Galt
- Recreation Complex - Excluding Arenas at Southeast Galt
- Preston Memorial Auditorium Arena Improvements and expansion (additional ice pad)
- Hespeler Memorial Arena expansion (additional twin pad)

Additional Operating Impacts

In addition to tax rate impacts due to debt servicing, there will be a tax rate impact to the operating budget to actually run the facility and a reserve contribution towards the sustainable rehabilitation and replacement of the facility.

Due to the many options and permutations available, detailed facility operating costs and the sustainable contribution to capital reserve funds analysis will be completed at a later date for a selected project delivery option.

Debt Limit

The City’s debt policy as adopted in 2014, limits the amount of debt that the City can undertake. The current policy for tax-supported debt charges (principal and interest) is limited to 10% of the City’s revenues.

A number of factors impact a debt limit forecast calculation, including the amount of debt issued, timing of when the debt is issued, term of the debt and the Interest rate.
Assuming debt would be issued in 2020 for the recreation complex, the City’s debt limit of 10% would likely be exceeded in all scenarios.

In order to provide recreation complex project funding, the City’s debt policy may need further review and revision.

Public Input

Community Engagement to Date

To date significant public input has been sought and received about the project.

Public consultation on amenities

Community engagement has included task force meetings, presentations by delegations at task force meetings, an open house, a public meeting, feedback through an online survey, feedback through the citizen budget online interactive application and General Committee and Council meetings since April of 2015.

Public consultation on site location

Community feedback was obtained during the site evaluation process in 2016 through several channels, including:

- Engage Cambridge On-line survey with about 1660 responses
- Two Public Information Centres with opportunities for attendees to provide information through informal conversations, comment cards, location theme exhibit, and one-on-one recorded conservations
- Open task force meetings, nearly 15 open meetings were held to allow public to engage in the evaluation process and provide feedback and commentary
- A project website was established and hosted background information and materials, as well as task force agendas and minutes

Sports User Group Input

In May of 2017, various sports user groups were invited to provide feedback and comments on recreation complex project amenities and location. Sports user groups consulted include minor hockey, ringette, figure skating, competitive swimming, track and field, girl’s minor hockey, minor baseball and Active Cambridge.

Future Public Engagement

One public information centre (PIC) will be held in March/April 2019 to review the opportunity for a recreation complex at Southeast Galt lands and improvements to existing facilities. There will be an opportunity to provide written comments. The PIC will
be open to all stakeholders. Sports user groups consulted in the past will be invited to attend this event.

An opportunity to receive feedback through Engage Cambridge (City’s online engagement platform) will be available for a two week period. This report and the presentation will also be made available to the public through the City’s website.

There will be an opportunity for delegations regarding the project at future Council meetings. Information on how to register as a delegation is available on the City’s website.

Internal/External Consultation

Staff in Parks, Recreation and Culture, Planning Services, Engineering, Economic Development, Office of the Chief Financial Officer, Asset Management and the Project Management Office, and the Corporate Leadership team contributed to the content of this report. Idea Exchange, Waterloo Region District School Board and Waterloo Region Catholic School Board provided their future needs for Southeast Galt lands.

The City retained the services of MJMA who developed concept plans and high level cost estimates for Southeast Galt and opportunities at existing facilities.

Conclusion

The current cost to build a multiplex has significantly increased since 2016 due to market conditions and inflation. In order to continue providing quality recreational services at an affordable cost opportunities to develop a recreational facility at Southeast Galt lands is viable and should be considered.

There are opportunities at Preston Memorial Auditorium and Hespeler Memorial Arena arenas to provide additional recreation facilities. Construction of recreation facilities could be phased over time as demand grows.

These opportunities should be considered along with properties identified by the site evaluation task force in the June 2017 Report to Council 17-015(CSD).

It should be noted that, several existing facilities (John Dolson pool and Dickson Centre and Duncan McIntosh arenas) will require significant investment over the next 10 years to meet the needs of current and future users of these facilities.

Community feedback should be collected for locating a recreation complex at the Southeast Galt lands along with investment in existing facilities.
Signature

Prepared by

Name: Yogesh Shah
Title: Director of Asset Management and Project Management Office

Departmental Approval

Name: Cheryl Zahnleiter
Title: Deputy City Manager – Corporate Enterprise

Acting City Manager Approval

Name: Hardy Bromberg
Title: Acting City Manager

Attachments

- Table 1 – Project Costs and Funding Summary
- Attachment A – Reason for Project Cost Escalation
- Attachment B – Southeast Galt site information, location figure, conceptual plan and cost estimates
- Attachment C – Existing Facility opportunities, conceptual plans
- Attachment D – Indoor Facility Needs Assessment Update
### Table 1: Project Costs and Funding Summary

<table>
<thead>
<tr>
<th>Recreation Complex at Southeast Galt</th>
<th>Funding Sources</th>
<th>Impact to property taxes (Debt financing)</th>
<th>Development charges recovery period</th>
<th>Comments/ Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Council approved programming (Phase I and II - 4 Ice Pads)</td>
<td>Development charges - Indoor Rec.</td>
<td>$130,700,000</td>
<td>$68,300,000</td>
<td>$62,400,000</td>
</tr>
<tr>
<td>Council approved programming (Phase I - 2 Ice Pads)</td>
<td>Property taxes (Debt financing)</td>
<td>$94,600,000</td>
<td>$45,960,930</td>
<td>$48,639,070</td>
</tr>
</tbody>
</table>

### Recreation Complex (excluding Arenas) at Southeast Galt and opportunities at existing ice facilities

<table>
<thead>
<tr>
<th>Recreation Complex - Excluding Arenas</th>
<th>Funding Sources</th>
<th>Impact to property taxes (Debt financing)</th>
<th>Development charges recovery period</th>
<th>Comments/ Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preston Arena improvements and expansion (additional ice pad)</td>
<td>Development charges - Indoor Rec.</td>
<td>$14,000,000</td>
<td>$3,579,021</td>
<td>$10,420,979</td>
</tr>
<tr>
<td>Hespeler Arena expansion (additional twin pad)</td>
<td>Property taxes (Debt financing)</td>
<td>$26,000,000</td>
<td>$26,000,000</td>
<td>$26,000,000</td>
</tr>
</tbody>
</table>

**Total** | $99,000,000 | $47,353,851 | $51,646,149 | 3.5-5% 17 Years |

1. The costs to acquire the land and capital costs to decommission existing facilities are excluded. The Southeast Galt lands are currently owned by the City.
2. The current estimated project cost includes site grading and servicing costs ($2M) for the Southeast Galt lands as well as the costs ($3M) for the provision of 350-500 parking spaces.
3. Additional tax impact due to facility operating cost and sustainable contribution to capital reserve funds will be provided once the location and implementation option is selected.
4. Development charges portion of project funding will be debt financed. Repayment of debt, including interest, will be recovered through future development charges.
Attachment A – Reason for Project Cost Escalation

The project cost has increased significantly in recent years as a result of:

1. Elevated cost of building materials due to the current construction market
   - Steel fabrication and erection has increased due to external factors (tariffs) as well as elevated local construction activity.
   - Concrete formwork, reinforcing and concrete placement has increased due to current high demand. This is partially due to demand from current infrastructure construction in the GTA and surrounding municipalities. Labour supply for concrete formwork appears to be a full capacity.
   - Many of the costly mechanical systems in the building (especially the aquatic centre filtration and pump systems and dehumidification units) are from the U.S. With full economic capacity and demand from their local market, these items have increased in price.
   - Interior finish items (gypsum board and framing, tile and cement board) are also in elevated demand.
   - Trade training for updated materials and assemblies is appearing to elevate labour demand and cost.

2. The proportion of the total gross floor area allocated to the aquatic centre and support areas has increased.
   - Change room areas have increased to reflect changing AODA requirements for larger accessible washrooms, change rooms and seating areas.
   - Sustainability and energy targets increase, along with the insulation and performance level of the building envelope, and glazing. Decisions on the improving performance levels of the building (net-zero) and the energy type (reduced Green House Gas emissions) have an effect on the construction cost.

The swimming pool and change rooms are the most expensive program components in the recreation complex, with the highest per square foot construction. They have the most plumbing fixtures, mechanical systems, and special water resistant and non-corrosive finishes.
Attachment B - Southeast Galt site information

The Southeast Galt lands were purchased in 2007 by the City for joint development of the site to support a new city community centre, a new branch of Idea Exchange (the Cambridge Public Library), and new schools for each of the Waterloo Region District School Board and the Waterloo Catholic District School Board. The Southeast Galt City owned lands encompass 32.5 acres, 18 acres of which would be available for a recreation complex, library and related amenities.

City staff has consulted the partners for the Southeast Galt lands. A brief summary of their facility needs and timelines for construction are outlined in the following sections.

Waterloo Region District School Board

The Public School Board has indicated a need for 8 acres for the construction of an Elementary School to house about 639 students in grades kindergarten to 8. The facility property requirements are estimated using generic assumptions for key features, including the school building footprint of about 41,000 square feet, parking for about 80 vehicles, and outdoor amenities such as an asphalt play area, soccer field, multiuse playing field, creative play structure, outdoor classroom and space for up to 12 portables. The Public School Board estimates construction will start in about 6 to 10 years.

Waterloo Catholic District School Board

The Catholic School Board has indicated a need for 6.5 acres for the construction of an Elementary School to house about 450 students in grades kindergarten to 8. The facility property requirements are estimated using generic assumptions for key features, including the school building footprint of about 30,000 square feet, parking for about 75 vehicles, and outdoor amenities such as an asphalt play area and space for up to 6 portables. The Catholic School Board estimates construction will occur in 2023 to 2024.

EarlyON and Child Care

It is likely that Child Care and EarlyON facilities would be desirable in this location. These facilities are often developed in partnership with the School Boards. For the purposes of this report, it is assumed that a Child Care facility requires about 4,000 square feet of indoor space, and a similar outdoor space and an EarlyON facility requires about 8,000 square feet. Actual partnership details for Child Care and EarlyON facilities will be decided in the future. Construction of these facilities is likely to occur in the same time frame as school construction.
Idea Exchange (Cambridge Public Library)

Idea Exchange has indicated a need for about 14,000 square feet for the Southeast Galt Library facility. The Southeast Galt Library will be a community hub that is welcoming to children, teens, adults and seniors. Lifelong learning, play and recreation all go hand in hand. The library will include spaces for reading, studying, art making and collaborating. The library will be the cornerstone of the community, offering innovative programs, vibrant collections and digital resources in an environment that enhances community wellbeing for all visitors.

There is an opportunity to coordinate delivery of Library services in partnership with the School Boards.

Site Suitability

The Southeast Galt lands are suitable for use as a community hub, as outlined in the sections below. Current Provincial policy encourages the development of community hubs to co-located services for the neighbouring community while maximizing the use of land.

The community hub concept allows for opportunities of shared programming with the School Boards and enhanced utilization for the facilities. Joint development increases the value received by community members for the funds invested in building the facilities and other indoor and outdoor amenities, such as parking lots, sports fields, library, and gymnasiums.

Community Impact

Construction of a recreation complex at the Southeast Galt City owned lands would provide a community hub for the developing Eastview-Branchton Park neighbourhood.

When this Southeast Galt area is fully developed, a forecasted population of up to 26,500 is estimated within about 1.5 km of the Southeast Galt Lands (about a 15 minute walking distance). The current population within a 1.5 km radius of the subject area is estimated to be 8,668 people. The potential additional population in the subject area is 18,195 based on current projected number of residential units.

The location of Southeast Galt lands is illustrated on Figure B-1. This figure presents the 1.5 km radius used for population estimates based upon development proposals to date and assumptions about potential densities of future development applications.
Site Access

The Southeast Galt lands will be accessible from Dundas Street South, Franklin Boulevard, Myers Road, Region’s South Boundary Road (under construction), and the proposed future Regional East Boundary Road. The location is:

- Under a 10 minute drive from the Delta (Hespeler Road and Dundas Street)
- About a 15 minute drive from downtown Preston
- Under a 20 minute drive from downtown Hespeler through the existing road network

The preferred route of the Region’s East Boundary Road as per the soon to be concluded Environmental Assessment (EA) will run along the eastern side of the City owned lands as shown on Figure 1.

Regional staff is working towards posting the notice of completion the EA to the Environmental Registry soon to commence the 30 day public commenting period.

Site Size

The site is comprised of 32.5 acres, with an anticipated 14.5 acres to be occupied by the School Boards. The remaining 18 acres is sufficient to house proposed recreational complex amenities and a library.

Site readiness for construction

Site grading and servicing are planned for 2019 and 2020 in conjunction with adjacent lands development. The site will be ready for construction in early 2021.

Official Plan and Zoning

The City owned lands in Southeast Galt are designated Low/Medium Density Residential and Natural Open Space System in the City’s Official Plan and is zoned (H)R4 (Residential Holding) and OS1(Open Space) in the City’s Zoning By-law. The holding provision will be able to be removed from the zoning of this property once servicing to the site is imminent.

The property is proposed to be zoned D (development), F (Floodplain) and EP (Environmental Protection) in the new city-wide Draft Zoning By-law. If the development of the recreational complex is imminent, updated zoning will be recommended for the developable portion of the property in the draft city-wide zoning by-law.

City uses are permitted as of right on any property through the Official Plan and Zoning By-law, provided that all of the zoning requirements such as setbacks from property...
lines, required parking, lot coverage, etc. are met. An approved site plan application would be required for the construction of a Recreation Complex.

**Municipal Servicing Considerations**

The City owned lands in Southeast Galt is a greenfield parcel that currently does not have direct access to municipal servicing or roads and would require servicing and road extensions.

**Site Grading and Servicing**

The City will be responsible for grading and servicing of the Southeast Galt City owned lands for any facilities that are planned or constructed on the property.

Servicing and access to the lands will be coordinated with adjacent lands development. Through finalization of the proposed Bosdale subdivision to the south of the City owned lands, a cost sharing agreement shall be entered into between the City and the Developer and will include the following:

- Site preparation and grading of City owned lands
- The extension of Hydro services to the property boundary
- The extension of Wesley Boulevard across the frontage of the City owned lands including street lighting, sanitary and stormwater sewers, and water distribution network
- The extension of Faith Street from Dundas Street to the City owned lands including street lighting, sanitary and stormwater sewers, and water distribution network
- A Stormwater Management Facility which will be oversized to accommodate storm drainage from City owned lands

The cost of grading and servicing for the City owned lands (32.5 acres) is estimated to be $4M, as per the detailed cost estimate prepared by IBI Group (dated January 30, 2019) in preparation for the Subdivision cost sharing agreement with the City.

The City portion of grading and servicing costs for approximately 18 acres of land for recreation complex and library would be $2.2M. The remaining costs for grading and servicing of 14.5 acres would be recoverable from the School Boards at a future date.
Contamination Assessment and Budget Estimates for Site Remediation

A Phase I Environmental Site Assessment was conducted in the spring of 2007 in support of the City purchasing the property. At the time of the report, no actual or potential environmental concerns affecting the site were identified. The site condition has remained largely unchanged since 2007. The property and neighbouring properties continue to be used for agricultural, residential and undeveloped land uses. It is not anticipated that further environmental assessment or site remediation would be required to support development of a Recreation Complex at the site.

Estimated Land Value

The current estimated value of 18 acres of the Southeast Galt lands is $9M as provided by Realty Services staff based on comparable properties. This estimate excludes the anticipated 14.5 acres required by the School Boards. A formal appraisal of the property value has not been completed.

Opportunity cost

As the population in the area increases the land will be needed to host a community centre of some description.

It is unlikely this land would be sold by the City for an alternate use; however, a mix of low and medium density housing was used to calculate the opportunity cost for 18.5 acres of the Southeast Galt City owned lands. The potential tax payable to the City of Cambridge is estimated to be between $248,000 and $312,000 on an annual basis.

Recreation Complex at Southeast Galt

MacLennan Jaunkalns Miller Architects (MJMA) have prepared a high-level review of the ‘site fit’ of the City of Cambridge recreation complex program components on the Southeast Galt site to determine if the proposed recreation complex building footprint and parking area could be accommodated on site, along with proposed new facilities for the WRDSB and the WCDSB. This site configuration could share parking capacity to balance the peak usage times between school and recreation complex facilities and allow for a central location for a City of Cambridge Idea Exchange facility shared between the proposed schools and recreation complex.

The Southeast Galt site could allow for the construction of the full suite of City of Cambridge multiplex components including an aquatic centre, gymnasium and track, fitness room and multi-purpose rooms as well as possible phased arena construction. The site could also allow for two School Board areas: an 8.0 acre parcel for a 41,000 sq. ft. footprint school (with gymnasium) and an 85 vehicle parking area, as well as a 6.5 acre parcel for a 30,000 sq. ft. footprint school (with gymnasium) and a 75 vehicle
parking area. The site could be configured with the City of Cambridge Recreation Complex as a central facility in the site, sharing parking with the adjacent school buildings. The plan arrangement also allows for the location of a 14,000 sq. ft. City of Cambridge Idea Exchange facility that could connect by internal or external walkways to the adjacent schools and recreation complex.

Conceptual plans for a recreation complex along with schools and a library at the Southeast Galt lands are attached for reference. While the conceptual plan shows the facility with two ice pads, a further two ice pads can be accommodated at a future date on the City’s 18 acre portion of the site. Also included in this attachment are three high level cost estimates for construction of:

1. Council approved programming components - Phase I and II (4 ice pads)
2. Council approved programming components - Phase I (2 ice pads)
3. Recreation complex - excluding arenas

These high level cost estimates are based on the gross floor area of the building and the amount of site work. The current Class D estimates include high level costs for site development, utilities and servicing. They also include full costs for completion of contract documents, tendering and construction administration during the course of construction by the design team, including engineering sub-consultants, landscape architecture, signage and graphics, etc. The estimate also includes for the suite of testing and inspection services, geotechnical estimates and surveyor fees.

The estimates are meant to reflect the City of Cambridge recreation complex including the most generous aquatic centre and gym programs areas. It is important to note that construction costs can be reduced by adjusting the gross floor area of the project; project architects often do this during the schematic design phase to align project budget and area of the building. The project architect would conduct this important activity early in the concept design process to make sure that the construction cost accurately reflects the building configuration.
Figure B-1: Location of Southeast Galt lands

Estimated population 2018 - 8735
Projected population - 26863

Legend
- 15 min walking distance (1.5 km)
- Existing Trails
- Proposed Trails
- City Owned Property
- East Boundary Proposed Road Corridor
- Proposed Collector Roads
- Neighbourhoods
- Wetland (GRCA)
- Floodplain (GRCA)
- Wetland Buffer (30 m)
- Plans Under Review
- Parcels
- Rivers
- Municipal Boundary

Wednesday, February 27, 2019  10:59:13 AM
G:\CORP\TS\D22\01_GIS\Information Products\PMO\Mxd\MultiplexReport_Feb2018.mxd - DanilaD
## Council approved programming components  Phase I and II (4 ice pads)

City of Cambridge Southeast Galt Site, 3 Basin Natatorium, 3 FIBA courts, 4 Arenas

<table>
<thead>
<tr>
<th>Item</th>
<th>Area (sf)</th>
<th>Rate ($/sf)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Building Costs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natatorium</td>
<td>20000</td>
<td>650</td>
<td>$13,000,000 3 Basin</td>
</tr>
<tr>
<td>Change Rooms</td>
<td>5500</td>
<td>550</td>
<td>$3,025,000</td>
</tr>
<tr>
<td>Pool Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Pool Office</td>
<td>250</td>
<td>400</td>
<td>$100,000</td>
</tr>
<tr>
<td>Administration</td>
<td>1800</td>
<td>400</td>
<td>$720,000</td>
</tr>
<tr>
<td>3 Court FIBA Gymnasium and bleachers</td>
<td>20000</td>
<td>380</td>
<td>$7,600,000</td>
</tr>
<tr>
<td>Gymnasium Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Public Lobby Circulation/ Viewing</td>
<td>21000</td>
<td>400</td>
<td>$8,400,000</td>
</tr>
<tr>
<td>Spectator Arena 1 and Practice Arena 2</td>
<td>68000</td>
<td>380</td>
<td>$25,840,000</td>
</tr>
<tr>
<td>Practice Arena 3 and Practcice Arena 4</td>
<td>60000</td>
<td>380</td>
<td>$22,800,000</td>
</tr>
<tr>
<td>Multi-Purpose</td>
<td>4500</td>
<td>400</td>
<td>$1,800,000</td>
</tr>
<tr>
<td>Fitness + Track</td>
<td>15000</td>
<td>350</td>
<td>$5,250,000</td>
</tr>
<tr>
<td>Mechanical + Service</td>
<td>8500</td>
<td>300</td>
<td>$2,550,000</td>
</tr>
<tr>
<td>Structure + gross up 15% of Above</td>
<td>33907.5</td>
<td>400</td>
<td>13563000</td>
</tr>
<tr>
<td><strong>Total Building Cost</strong></td>
<td>259957.5 sf</td>
<td></td>
<td>$105,173,000</td>
</tr>
</tbody>
</table>

| Site Costs | | | |
| Parking and Site Lighting | 500 | $6,000 | $3,000,000 Parking |
| Site Servicing | | | $2,000,000 lump sum |
| Landscaping | | | $300,000 |
| Hardscape & Paving | | | $200,000 |
| **Total Site Costs** | | | $5,500,000 |

| **Total Construction Costs** | | | $110,673,000 |
| Construction Contingency (5%) | | | $5,533,650 |

| Soft Costs | | | |
| Design Consultant Team Fees (6.75% construction) | | | $7,470,428 |
| Other fees (survey, geotech, environmental - 2.5% const.) | | | $2,766,825 |
| FFE (2.5% construction) | | | $2,766,825 |
| Testing and Inspection | | | $250,000 lump sum |
| A/V | | | $200,000 lump sum |
| Security | | | $125,000 |
| Communications | | | $125,000 |
| Signage | | | $100,000 |
| **Total Soft Costs** | | | $13,804,078 |
| Soft Cost Contingency (5%) | | | $690,204 |

| **Project Total** | | | $130,700,931 |
## Council approved programming components - Phase 1 (2 ice pads)

City of Cambridge Southeast Galt Site, 3 Basin Natatorium, 3 FIBA courts, 2 Arenas

<table>
<thead>
<tr>
<th>Item</th>
<th>Area (sf)</th>
<th>Rate ($)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Building Costs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natatorium</td>
<td>20000</td>
<td>650</td>
<td>$13,000,000 3 Basin</td>
</tr>
<tr>
<td>Change Rooms</td>
<td>5500</td>
<td>550</td>
<td>$3,025,000</td>
</tr>
<tr>
<td>Pool Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Pool Office</td>
<td>250</td>
<td>400</td>
<td>$100,000</td>
</tr>
<tr>
<td>Administration</td>
<td>1800</td>
<td>400</td>
<td>$720,000</td>
</tr>
<tr>
<td>3 Court FIBA Gymnasium and bleachers</td>
<td>20000</td>
<td>380</td>
<td>$7,600,000</td>
</tr>
<tr>
<td>Gymnasium Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Public Lobby Circulation/ Viewing</td>
<td>15000</td>
<td>400</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>Spectator Arena 1 and Practice Arena 2</td>
<td>68000</td>
<td>380</td>
<td>$25,840,000</td>
</tr>
<tr>
<td>Multi-Purpose</td>
<td>4500</td>
<td>400</td>
<td>$1,800,000</td>
</tr>
<tr>
<td>Fitness + Track</td>
<td>12000</td>
<td>350</td>
<td>$4,200,000</td>
</tr>
<tr>
<td>Mechanical + Service</td>
<td>7500</td>
<td>300</td>
<td>$2,250,000</td>
</tr>
<tr>
<td>Structure + gross up 15% of Above</td>
<td>23407.5</td>
<td>400</td>
<td>9363000</td>
</tr>
<tr>
<td><strong>Total Building Cost</strong></td>
<td><strong>179457.5 sf</strong></td>
<td><strong>$74,423,000</strong></td>
<td></td>
</tr>
</tbody>
</table>

| **Site Costs** | | | |
| Parking and Site Lighting | 500 | $6,000 | $3,000,000 Parking |
| Site Servicing | | | $2,000,000 lump sum |
| Landscaping | | | $300,000 |
| Hardscape & Paving | | | $200,000 |
| **Total Site Costs** | | | $5,500,000 |

| **Total Construction Costs** | | | $79,923,000 |
| Construction Contingency (5%) | | | $3,996,150 |

| **Soft Costs** | | | |
| Design Consultant Team Fees (6.75% construction) | | | $5,394,803 |
| Other fees (survey, geotech, environmental - 2.5% const.) | | | $1,998,075 |
| FFE (2.5% construction) | | | $1,998,075 |
| Testing and Inspection | | | $250,000 lump sum |
| A/V | | | $200,000 lump sum |
| Security | | | $125,000 |
| Communications | | | $125,000 |
| Signage | | | $100,000 |
| **Total Soft Costs** | | | $10,190,953 |
| Soft Cost Contingency (5%) | | | $509,548 |

| **Project Total** | | | $94,619,650 |
# Council approved programming components, excluding arenas

City of Cambridge Southeast Galt Site, 3 Basin Natatorium, 3 FIBA courts

<table>
<thead>
<tr>
<th>Item</th>
<th>Area (sf)</th>
<th>Rate ($/sf)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Building Costs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natatorium</td>
<td>20000</td>
<td>650</td>
<td>$13,000,000 3 Basin</td>
</tr>
<tr>
<td>Change Rooms</td>
<td>5500</td>
<td>550</td>
<td>$3,025,000</td>
</tr>
<tr>
<td>Pool Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Pool Office</td>
<td>250</td>
<td>400</td>
<td>$100,000</td>
</tr>
<tr>
<td>Administration</td>
<td>1800</td>
<td>400</td>
<td>$720,000</td>
</tr>
<tr>
<td>Circulation/Viewing</td>
<td>15000</td>
<td>350</td>
<td>$5,250,000</td>
</tr>
<tr>
<td>3 FIBA Court Gym + Bleachers</td>
<td>20000</td>
<td>380</td>
<td>$7,600,000</td>
</tr>
<tr>
<td>Gym Change</td>
<td>2400</td>
<td>350</td>
<td>$840,000</td>
</tr>
<tr>
<td>Gym Storage</td>
<td>750</td>
<td>350</td>
<td>$262,500</td>
</tr>
<tr>
<td>Multi-Purpose</td>
<td>4500</td>
<td>400</td>
<td>$1,800,000</td>
</tr>
<tr>
<td>Fitness + Track</td>
<td>12000</td>
<td>350</td>
<td>$4,200,000</td>
</tr>
<tr>
<td>Mechanical + Service</td>
<td>7500</td>
<td>300</td>
<td>$2,250,000</td>
</tr>
<tr>
<td>Structure + gross up 15% of Above</td>
<td>13567.5</td>
<td>400</td>
<td>542700</td>
</tr>
<tr>
<td><strong>Total Building Cost</strong></td>
<td><strong>104017.5 sf</strong></td>
<td></td>
<td><strong>$44,737,000</strong></td>
</tr>
<tr>
<td><strong>Site Costs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parking and Site Lighting</td>
<td>375</td>
<td>$6,000</td>
<td>$2,250,000</td>
</tr>
<tr>
<td>Site Servicing</td>
<td></td>
<td></td>
<td>$2,000,000 lump sum</td>
</tr>
<tr>
<td>Landscaping</td>
<td></td>
<td></td>
<td>$250,000</td>
</tr>
<tr>
<td>Hardscape &amp; Paving</td>
<td></td>
<td></td>
<td>$200,000</td>
</tr>
<tr>
<td><strong>Total Site Costs</strong></td>
<td></td>
<td></td>
<td><strong>$4,700,000</strong></td>
</tr>
<tr>
<td><strong>Total Construction Costs</strong></td>
<td></td>
<td></td>
<td><strong>$49,437,000</strong></td>
</tr>
<tr>
<td>Construction Contingency (5%)</td>
<td></td>
<td></td>
<td><strong>$2,471,850</strong></td>
</tr>
<tr>
<td><strong>Soft Costs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design Consultant Team Fees (6.75% construction)</td>
<td></td>
<td></td>
<td>$3,336,998</td>
</tr>
<tr>
<td>Other fees (survey, geotech, environmental - 2.5% const.)</td>
<td></td>
<td></td>
<td>$1,235,925</td>
</tr>
<tr>
<td>FFE (2.5% construction)</td>
<td></td>
<td></td>
<td>$1,235,925</td>
</tr>
<tr>
<td>Testing and Inspection</td>
<td></td>
<td></td>
<td>$250,000 lump sum</td>
</tr>
<tr>
<td>A/V</td>
<td></td>
<td></td>
<td>$300,000 lump sum</td>
</tr>
<tr>
<td>Security</td>
<td></td>
<td></td>
<td>$150,000</td>
</tr>
<tr>
<td>Communications</td>
<td></td>
<td></td>
<td>$150,000</td>
</tr>
<tr>
<td>Signage</td>
<td></td>
<td></td>
<td>$100,000</td>
</tr>
<tr>
<td><strong>Total Soft Costs</strong></td>
<td></td>
<td></td>
<td><strong>$6,758,848</strong></td>
</tr>
<tr>
<td>Soft Cost Contingency (5%)</td>
<td></td>
<td></td>
<td><strong>$337,942</strong></td>
</tr>
<tr>
<td><strong>Project Total</strong></td>
<td></td>
<td></td>
<td><strong>$59,005,640</strong></td>
</tr>
</tbody>
</table>
MJMA also reviewed several existing City of Cambridge recreation facilities to determine the best potential sites for arena additions. The phased construction of new ice pads may enhance the efficiency of existing facilities and provided for more cost-effective operation.

**Preston Memorial Auditorium**

The existing 900 seat facility is located south of Hamilton Street between Chestnut Street South and Bishop Street South. Recent improvements in 2018 at this facility included replacement of spectator seating and LED lighting. The primary parking area is located to the south-east of the existing building. The Grand River and the GRCA Linear Park is directly to the south of the site. Sufficient site area exists to construct a new bank of team rooms and a new 200 foot by 85 foot ice surface (NHL Regulation Size) directly to the north east. The existing corridor serving the team rooms could be maintained to allow access to the new block of team rooms.

The existing building has several existing City owned facilities surrounding it; the Cambridge Kips Gymnastics Club to the southwest, the Kinsmen Club of Cambridge to the north and the City of Cambridge maintenance facility to the northeast.

Improvements and an expansion to the Preston arena would provide an opportunity to addressing barrier-free and gender specific amenities required by sport governing bodies. The proposed addition would require decommissioning of maintenance facility to the north-east of existing building. Karl Homuth Arena would also be decommissioned along with expansion to Preston arena.

There is little debate that multi-pad arenas hold several advantages over single pad arenas, such as greater support to sport development and tourism, as well as operational efficiencies.

The concept plan for facility improvements and an expanded twin-pad facility is provided in this attachment. The current estimated project cost to improve the existing arena along with expanding the facility to add an ice pad is $14M.

**Karl Homuth Arena**

The Karl Homuth arena has operational restrictions due to insulation and inadequate facilities for extended period operations. It is only open for 4 to 5 months a year. This facility offers inadequate dressing room space and accommodation for barrier-free and gender specific requirements. The current facility footprint does not allow for this to be
addressed. This facility should be considered for decommissioning and potential future use for redevelopment (such as mid-rise residential units or townhouses).

**Estimated Land Value**

The current estimated value for this property as provided by Realty Services is $750,000. A formal appraisal would be required at a future date.

**Opportunity Cost**

A mix of low and medium density housing was used to calculate the opportunity cost of the Karl Homuth arena property. The potential tax payable to the City of Cambridge is estimated to be between $0 (if affordable housing is built on this site) and $21,000 on an annual basis.

**Hespeler Memorial Arena**

This existing twin pad arena is located south of Ellis Road, west of Townline Road, with an easy access from the 401. Parking and service areas are accessed from three driveways on Ellis Road. An existing baseball diamond is located to the south-west of the facility and existing sport fields are located to the south-east of the existing facility. The existing facility has 200 foot by 100 foot ice rinks (Olympic size ice pads) with 720 and 200 seating capacity, and has multi-purpose and banquet rooms.

The Hespeler Memorial Arena configuration appears to be able to allow for efficient expansion; it has a central public lobby that can be extended to the south-east to connect to new ice pads and team rooms. Sufficient site area exists to allow for a single or double pad addition. The relocation or reconfiguration of some of the existing practice sport fields on site will have to be coordinated with the St. Elizabeth Catholic Elementary School.

According to the 2015 Indoor Recreation Facility Needs Assessment given current demand and profiles of existing facilities there is insufficient justification for a new quad-pad arena development. However, if desired additional twin-pad facilities can be accommodated at Hespeler Arena. The addition of a twin pad facility at this location and the close proximity to the 401 would position the facility for additional tournaments and sport tourism activities. The concept plan for an additional twin-pad facility is provided in this attachment. The current estimated cost to add an additional twin-pad facility is $26M.

**Galt Arena Gardens**

Galt Arena Gardens is an historic arena structure located on the west side of Shade Street, south of Soper Park and Dundas Street north. It is the oldest operating arena in
Canada and will celebrate its 100th Anniversary in 2021. Improvements to the facility are planned for 2019 and include, LED lighting, new fixtures in the bathrooms, Building Automation System upgrades and replacement of heating units. Additions to the building would require approval under the Heritage Act and require the preservation of the heritage property. The existing parking lots and building footprint take up the full site area of the property; site area required for arena additions would have to be accommodated off site.

Given the limited site area, the necessary elimination of existing grade parking and the difficulty in servicing the west end of the existing facility, the Galt Arena Gardens was not recommended as a candidate for an arena addition.

**Dickson Arena**

The Dickson Park arena is located at the southeast end of Dickson Park, northeast of the intersection of George Street North and Park Hill Road West. The existing parking area has limited capacity and cannot be expanded. Existing ball diamonds are located at the north and south ends of the park west of George Street and cannot be relocated. Any addition would eliminate the majority of arena parking capacity to the west of the existing building.

This facility should be considered for decommissioning and potential future use for venues for community associations and/or non-ice activities.

**Duncan McIntosh Arena**

The existing arena facility is located in Churchill Park, with access on the west side of Christopher Drive. Pedestrian trails link the existing facility to the Churchill Park Skateboard Park and Water Area to the west. Existing park amenities are located to the south of the building, including pedestrian pathways, mature trees, and softball diamonds. Sufficient site area exists to construct a new bank of team rooms and a new single pad arena with a 200 foot by 85 foot ice surface directly to the south of the existing arena. Additional new common area could centralize access to the Kinbridge Community Association rooms and the combined new and existing arena lobby. An existing sanitary sewer is located to the south of the existing building and would require relocation for the construction of a single pad arena addition; the cost of this utility relocation has been added to the construction cost estimate. Parking capacity on this site could likely not be expanded due to the need to maintain the existing sport fields and large special events accessing the park space.

This facility should be considered for decommissioning and potential future use for venues for community associations and non-ice activities.
St. Ambrose School/ John Dolson Centre Pool

A portion of the St Ambrose School will be demolished in spring of 2019 as approved by Council. Upon building a recreation complex at the Southeast Galt lands there is an opportunity to decommission Dolson pool. Lands could be repurposed for other potential future uses including affordable housing.

If not decommissioned, the Dolson pool facility will require significant capital improvements over the next 10 years for continued operation.

Estimated Land Value

The current estimated value for this property as provided by Realty Services is $2,420,000. A formal appraisal would be required at a future date.

Opportunity Cost

A mix of low and medium density housing was used to calculate the opportunity cost of the St Ambrose School/Dolson Pool site. The potential tax payable to the City of Cambridge is estimated to be between $47,000 and $57,000 on an annual basis.
Karl Homuth Arena + Preston Memorial Auditorium

- Single pad arena addition
- Additional changerooms
- Expansion of entrance foyer and additional multipurpose studios
- Additional parking provided for both arenas
HESPELER MEMORIAL ARENA

1

DOUBLE PAD ARENA ADDITION

CENTRAL CHANGEROOM WITH SEATING ABOVE

EXTENSION OF CURRENT CIRCULATION AXIS
The following information provides additional information to the March 2015 Indoor Recreation Facility Needs Assessment report by Monteith Brown.

**Arenas**

*Usage and Demand Analysis*

Arena usage and registration trends are two key factors in assessing local demand for arenas. Figure D-1 below illustrates the number of hours booked at City arenas from 2011 to 2018 (calendar years). The City has an agreement with Cambridge Sports Park for 28 hours a week of ice time. Hours under the agreement are excluded from this and subsequent analysis.

**Figure D-1: Usage Analysis – total hours of ice use by facility**

*2017 data was calculated from the average of 2016 and 2018 data.*

Overall, there has been a decline of about 2,400 (16%) ice hours across City facilities since 2011. The decline in use may be attributed to groups no longer using ice during the early morning hours. Further, ice time has been turned back by groups as a result of reduced tournament participation.

In total, 12,718 hours (58%) of ice time were utilized from 21,840 available hours across the seven ice pads from September 1 to March 31 in the 2017/2018 season. Additional ice time is available during the summer months at one ice pad at the Hespeler Arena.

Figure D-2 below illustrates usage of the City’s arenas during prime time (weekdays 5 pm to 10 pm and weekends 7 am to 10 pm) versus non-prime time usage (all other hours between 7 am and midnight).
Figure D-2: Hours of use versus hours available by facility (2017/2018 season)

The total available prime ice hours from September to March are 11,550. A total of 8,642 prime hours were booked in the 2017/2018 season.

Arena floors are commonly used for events and sports when the ice is out during the summer months. Arena floors can be booked from April 1 to August 31 daily, from 7 am to 10 pm. City day camps are run at three of the arenas in July and August. In 2018, an average of 239 hours of floor time was booked for activities other than day camp, of an available 2,058 hours per pad.

Overall, as illustrated in the Table D-1 below, the City has seen a modest increase in the use of prime time ice from 73% in 2012 to 74% in 2018 and a significant decrease in non-prime usage from 24% in 2012 to 8% in 2018. The increase in prime time usage and decrease in non-prime time usage is partially accounted for by a change in the hours defined as prime time. In 2012/2013 prime time was defined as weekdays 6 pm to 11 pm and weekends from 9 am to 11 pm. In 2017/2018 prime time was defined as weekdays 5 pm to 10 pm and weekends 7 am to 10 pm.
Table D-1: Usage Analysis – Arenas, prime time versus non-prime

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dickson</td>
<td>80%</td>
<td>61%</td>
<td>↓</td>
<td>22%</td>
<td>10%</td>
<td>↓</td>
</tr>
<tr>
<td>Duncan McIntosh</td>
<td>81%</td>
<td>71%</td>
<td>↓</td>
<td>18%</td>
<td>2%</td>
<td>↓</td>
</tr>
<tr>
<td>Galt</td>
<td>67%</td>
<td>85%</td>
<td>↑</td>
<td>21%</td>
<td>13%</td>
<td>↓</td>
</tr>
<tr>
<td>Hespeler (2 rinks)</td>
<td>68%</td>
<td>84%</td>
<td>↑</td>
<td>28%</td>
<td>9%</td>
<td>↓</td>
</tr>
<tr>
<td>Karl Homuth</td>
<td>81%</td>
<td>65%</td>
<td>↓</td>
<td>20%</td>
<td>1%</td>
<td>↓</td>
</tr>
<tr>
<td>Preston</td>
<td>78%</td>
<td>74%</td>
<td>↔</td>
<td>21%</td>
<td>12%</td>
<td>↓</td>
</tr>
<tr>
<td>Average</td>
<td>73%</td>
<td>74%</td>
<td></td>
<td>24%</td>
<td>8%</td>
<td></td>
</tr>
</tbody>
</table>

The usage analysis reflects the fact that users are not using ice during early morning hours (non-prime) as often as in the past. Since 2012, prime hours usage has increased at Galt and both of Hespeler arenas, while Dickson, Duncan McIntosh and Karl Homuth arenas have seen a significant decrease. The amenities at these three arenas do not meet user group’s expectations and need to be upgraded for continued operations for beyond 5-7 years.

Adult ice use is included in prime hour analysis. Approximately 1,020 (12%) of the 8,624 prime time hours booked are booked by adult groups. More than half of these hours are on Sundays.

Further analysis is provided of number of registrants in minor sports and the number of hours booked by these organizations. Figure D-3 below shows the number of registrants and hours booked by minor sports by season. In general, participation in minor sports has been steady since the 2007/2008 season. While participation in some organizations, such as girl’s minor hockey has increased, a corresponding decrease in registrations in other organizations has been noted.
Financial Analysis

In 2018, the City’s arenas recovered 59% of their costs, which is slightly below the 2012 recovery rate of 61%. The net subsidy for City arenas was $1,402,954 in 2018, an increase of 16% from $1,208,000 in 2012.

Capital maintenance and renewal costs are not included in these cost recovery calculations.

Conclusion

Updated data provided in this report confirm the conclusions of the 2015 Indoor Recreation Facility Needs Assessment. Current arena ice time availability exceeds the current ice time demands and operation of twin pad arenas is more efficient than single pads.

Further, since the 2015 report, the number of hours of ice bookings has decreased. Enrollment in minor sports has remained steady. Prime time ice usage at Dickson, Duncan McIntosh and Karl Homuth arenas has decreased. This may be a reflection that current amenities at these facilities do not meet user group’s expectations. Prime time ice usage at Galt and Hespeler arenas has increased. Preston prime time bookings have remained steady.
Indoor Pools

Usage and Demand Analysis

Aquatic facility memberships, drop-in swim attendance and lesson registration trends are key factors in assessing local demand for pools. Figure D-4 below illustrates the number of aquatic memberships sold by the City from 2010 to 2018.

Overall, there has been an increase in aquatic memberships of about 2,500 (65%) since 2010. The increase in aquatic memberships correlates to a positive uptake in Aqua fitness and is reflective of the increased aging population.

Figure D-4: Aquatic Memberships

Drop-in swim attendance numbers are shown on Figure D-5. The City also has an agreement with the Chaplin Family YMCA to offer 25 hours of drop-in recreation swim each week. Hours under agreement at the YMCA are excluded from this and subsequent analysis.

Figure D-5: Drop-in Swim – Indoor Pools
In general, there has been a decrease in drop-in swim attendance numbers since 2012. In particular, there is a noticeable decrease in drop-in swim attendance between 2017 and 2018. Fewer day time drop-in swims were available in 2018 as explained below.

In 2018, pool operating hours were reduced at both W.G. Johnson and Dolson locations. The reduction of hours were a result of two factors; the impact of full day kindergarten and poor pool utilization in late evening hours (9-10:30pm). The City traditionally offered pre-school swimming lessons during the day. The implementation of full day kindergarten shifted this need. In 2018, the number of available hours for Dolson Pool decreased by 29% compared to 2017.

Figure D-6 below illustrates the percent of available swim lessons spots booked each year by facility, also known as the fill rate. While the fill rate for lessons increased at Dolson in 2018, the number of registered participants in swim lessons actually decreased. This decrease reflects no longer having participation of day lessons for students at the attached school. The blackout period (time during which the pool is closed) during the day reduced the number of available lesson spots.

**Figure D-6: Swim lesson registration rate**

Financial Analysis

In 2018, the City’s indoor pools recovered 46% of their costs, which is slightly higher than the 2013 recovery rate of 44%. The net subsidy for City indoor pools was $1,056,411 in 2018.

Conclusion

Current indoor pool availability meets the communities need. A marked increase in senior’s use of City pools supports the conclusion that the aging population in Cambridge are using public recreation facilities, and would likely use a therapeutic pool. As in 2015, usage analysis confirms that only one aquatic facility is required to serve the Southeast Galt area. An elite-level competition tank (e.g., 50-meter pool) is not recommended to be built and operated by the City of Cambridge.
To: GENERAL COMMITTEE

Meeting Date: 03/05/2019

Subject: Cambridge and District Humane Society

From: Michael Di Lullo, City Clerk

Report No.: 19-071(CRS)

File No.: C1102

Recommendation(s)

THAT Report 19-071(CRS), re: Cambridge Humane Society be received for information.

Executive Summary

Purpose

- To brief Council on the appointment of a new Executive Director for the Cambridge Humane Society.

Key Findings

- N/A

Financial Implications

- N/A

Background

The City contracts its services related to Animal Control Services to the Cambridge and District Humane Society (CDHS).

CDHS is a non-profit organization dedicated to protecting and providing shelter to animals in need while overseeing adoption services, dog-tag licensing, dangerous dogs at large and the general operation and day-to-day maintenance of the animal shelter. Information about the society can be found at the following address: cambridgehumanesociety.org
The intent of this report is to advise Council that the organization has recently hired a new Executive Director named Michelle Gellatly who is responsible for the operation of the CDHS.

**Analysis:**

**Strategic Alignment:**

PLACE: To take care of, celebrate and share the great features in Cambridge that we love and mean the most to us.

Goal #1 - Community Wellbeing

Objective 2.2 Communicate often and make sure messages are clear, timely and delivered in a variety of ways.

The Executive Director is appointed by a Board of Directors that helps oversee the CHDS. The new Executive Director is well suited for this role and has previously worked at the Guelph Humane Society.

**Comments:**

With the recent appointment of Ms. Michelle Gellatly as the new Executive Director, the City will continue to have positive dialogue and communication related to animal control matters.

The City contracts animal control services to the CDHS and provides annual funding to assist with the operations. Measures will be taken to strengthen the relationship including frequent meetings throughout the year and funding reporting for Council to assist with the budget process.

In addition, a consolidated new contract agreement between the City and CDHS will be forthcoming to Council for ratification.

**Existing Policy/By-Law:**

N/A

**Financial Impact:**

The City provides funding to the CDHS on an annual basis to help with the operations. Approximately $300,000 is provided with revenues for licensing returned on a cost-sharing basis.

Going forward to the budget committee, funding requests for animal control will be outlined as part of the budget review process.
Public Input:

N/A

Internal/External Consultation:

This report was shared with the new Executive Director for review and consideration.

Conclusion

The Cambridge and District Humane Society is an integral service that is provided to residents. It promotes and ensures the health, safety and humane treatment of animals through public education and the provision of care and shelter for those animals in need within our community.

Signature

Prepared by:

[Signature]

Name: Michael Di Lullo
Title: City Clerk

Departmental Approval:

[Signature]

Name: Dave Bush
Title: Deputy City Manager, Corporate Services
Acting City Manager Approval:

[Signature]

Name: Hardy Bromberg
Title: Acting City Manager

ATTACHMENTS

- N/A
Petition: We Support Building The Sports Multiplex Center in North Cambridge (Conestoga College Location).

We would like the city of Cambridge to revisit the original plans of building the Sports Multiplex Center in North Cambridge (Conestoga Location).

Cambridge Residents:

[Signatures]
Petition: In favour of building the Multiplex Sports Center in North Cambridge

We the undersigned want to end the negotiations for the multiplex sports complex to be built in the vacated Sears mall location and get back to the original plans of building it in North Cambridge

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Kerann Hutchinson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Marijan Berecic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Ali Syed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Matthew Chomicic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Amanda Amaran</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Dalinder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Rupinder Senyra</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Gagan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Xia Long</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Syed Ali</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Sofia Tania</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. David Vygotsky</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Shannon Quairser</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. June Asquith</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Samantha Orman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. Malco Varga</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17. Amanda Mcinnis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18. Emily Hutchison</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19. Tavia Varga</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20. Hilary Bill</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21. Maura Roker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22. Josh Fecker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23. Jum Igo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24. Erin Stevenson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25. Claudia Meleca</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26. Monte Eduardo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27. Natalie Berecic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28. Anthony Banks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29. Jess Bello</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30. Jessica Rodriguez</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31. Francisco Montes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32. Zerquelito Arodeo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33. Maha Ghez Zadeh</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34. Lou Khaled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35. Sinawren</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36. Sinatra Frempong</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37. Kubunder Kaeru</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38. Stephen Temple</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39. Karen Temple</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40. Herman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Petition: In favour of building the Multiplex Sports Center in North Cambridge

We the undersigned want to end the negotiations for the multiplex sports complex to be built in the vacated Sears Mall and get back to the original plans of building it on North Cambridge

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jerry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mikey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ashutosh</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michele</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luigi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reggie</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shreeraj</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. John</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASIA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bob Hammond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keri Berghoff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sam Berghoff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kenzil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elizabeth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DeCroos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Old</td>
<td></td>
<td></td>
</tr>
<tr>
<td>David</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tomack</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandra</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charleen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kelly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scott</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W却不</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Madhuram</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vaishali</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patankar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southpeth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanjay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jake</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pinder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brittan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emily</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MacGillivary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jason</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russell</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanaa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sarah</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shahid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mujeeb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ajmal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Petition:  In favour of building the Multiplex Sports Center in North Cambridge

We the undersigned want to end the negotiations for the multiplex sports complex to be built in the vacated Sears Mall and get back to the original plans of building it on North Cambridge

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wesley Wood</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Ram</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ben Turnbull</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camille Calhoun</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOPHIA BARAJ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Katie Wright</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oscar Delcasta</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steven Simpson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amanda Simpson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lauren Rosand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEGAN Hussey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAV BEAR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALANA Rizzi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sarah Ooi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Makarchuk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mackenzie Moore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amanda Leigh Bridge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beata Yankevitch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ryan Kappas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patricia San Fortado</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Janie Fortado</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christiani Mammositi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dominic Mammositi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christina Omar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brian Dish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dorothy Wojtyniec</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breck Coleman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammi Powers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kelly Leam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liz Long</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antonio Leam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brandon Power</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anna Ceron</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jeanne FFE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kristy EFF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jeff McTear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jason Neugert</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brandy McFarland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brenda Pape</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Petition: In favour of building the Multiplex Sports Center in North Cambridge

We the undersign want to end the negotiations for the multiplex sports complex to be built in the vacated Sears Mall and get back to the original plans of building it on North Cambridge

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael L. Anderson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K. K. Widnaw</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Khizar Hayat Shahid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anil Wadhera</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charan Singh</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercedes Kuan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baher M. el Kalam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brandon Leite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antonia Germaner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alana Brookes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tahlia Kere</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amber Spence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>James Arcs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rachel Tichen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dylan Gilchrist</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marissa T. Todd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C of Member</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tom Cole</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nichola Carucci</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laura Sargent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emma Blake</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chris Fleming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angela Fleming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adam Hillgrove</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ashley Nalshe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyler Barnum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jan Hutchinson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. M. Hutchins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. A. Beverly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alyson Grob</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aisha Ailken</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sherrinette Mitchell</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marta Lee Richards</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marjana Adams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oscar Lucero</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

137
Petition: In favour of building the Multiplex Sports Center in North Cambridge

We the undersign want to end the negotiations for the multiplex sports complex to be built in the vacated Sears Mall and get back to the original plans of building it on North Cambridge.

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rick Kaur</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mohammed Sulv</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eric McDevoy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Justine Mancobe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosway Gotzman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kathleen Kaufman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fletcher Shaw</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steven</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jack Burns</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genni C.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Komal Kauri</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oscar M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kristin Maff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linda M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrina Sharpe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jeff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rican Kaur</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kirby Finch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demie Houseman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jason Gomez</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kim Green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matt de Creetham</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audry Daddario</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alex Bul</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robert South</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marina Mac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lyra Forfar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nethem P.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abby Ward</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephen Monroe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joel Stanko</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eric Penasin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lindsey Norris</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paula Graczi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ampedra Arinsde</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joan Dal Bello</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Karen Dal Bello</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harpreet Kaur</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Petition: In favour of building the Multiplex Sports Center in North Cambridge

We the undersign want to end the negotiations for the multiplex sports complex to be built in the vacated Sears Mall and get back to the original plans of building it on North Cambridge

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Address</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alan Kraske</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cindy Reid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matthew Medeiros</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tomiko Hiroshi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyler Bednarz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterling Wee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nyasia Allen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kyah Davidson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jared Nozi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John Schenter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephanie Christina</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>