



# City of Kingston

## Parks and Recreation Master Plan Update

**Needs Assessment Report | July 2019**

**Prepared By:**



**Updated: March 2021**

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**Appendix A: Demographic Mapping**

**Appendix B: Detailed Asset Inventory**

**Appendix C: Asset Inventory Mapping**

# 1 Introduction

## 1.1 Background and Purpose

A Parks and Recreation Master Plan was developed for the City of Kingston in 2010 providing an implementation strategy for the development of parks and recreation services until 2025. The previous Parks and Recreation Master Plan (referred to as ‘the 2010 Plan’ within this report), identified 150 recommendations which were categorized into ongoing, short, medium, and long-term priorities. Since this time, several priorities have been implemented, while updating the strategic directions and priorities is required to reflect current data and research and the changing city dynamics.

The Master Plan will help the City guide and manage parks and open space development, recreation and leisure services, programs, events, facilities, marinas, and other recreation amenities. The goal of the update is:

- to assess the work completed and successes achieved to date, and
- to identify investments, policies, and processes to support recreational service needs for the next 15 years (to 2036).

The purpose of the Parks and Recreation Master Plan Update is to guide municipal planning for parks and recreation services over the next 15 years.

## 1.2 Scope of Work

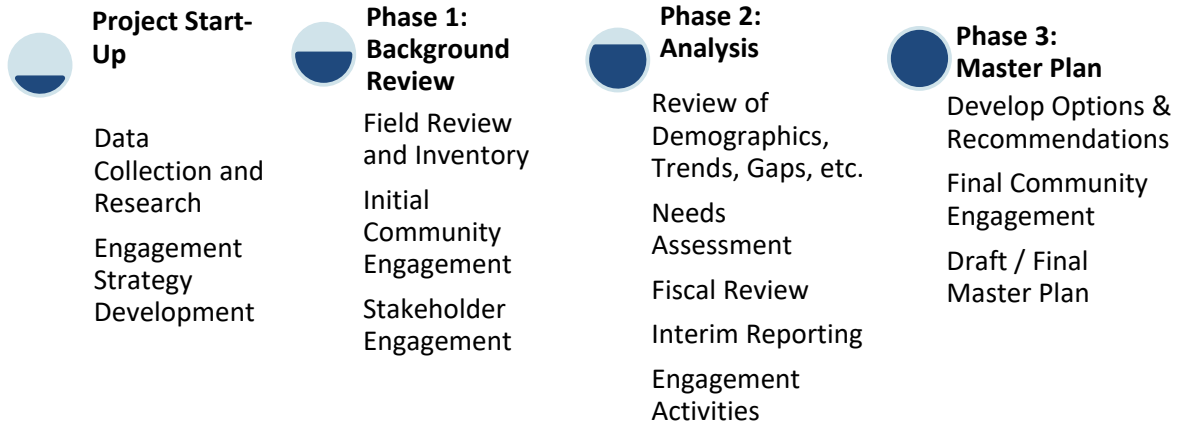
The Master Plan Update is focused on parks and recreation facilities and amenities that support participation in sport, recreation, and leisure activities. The Plan will address a broad range of facilities, specifically evaluating needs and strategies for the following:

| Indoor Recreation  | Outdoor Recreation   | Parks and Open Space   | Programming and Events   |
|--|--|--|--|
| <ul style="list-style-type: none"><li>•Community Centres</li><li>•Arenas</li><li>•Pool</li><li>•Gymnasiums</li></ul> | <ul style="list-style-type: none"><li>•Sports Fields</li><li>•Courts</li><li>•Aquatics Facilities</li><li>•Marinas</li></ul> | <ul style="list-style-type: none"><li>•Active and Passive Parkland</li><li>•Natural Open Space</li><li>•Trails</li></ul> | <ul style="list-style-type: none"><li>•Inclusive Programming</li><li>•Partnerships</li><li>•Service Delivery</li><li>•Special Events</li></ul> |

### 1.3 Process Overview

The Master Plan Update requires an integrated and multi-phased approach. The exhibit below provides the general framework for the development of the Master Plan Update.

Exhibit 1: Project Process



### 1.4 Overview of Engagement Completed

Several engagement activities relating to the preparation of this Master Plan update were undertaken with the purpose of garnering input from those who use and help to deliver the services. These activities are detailed below.

#### 1.4.1 Community Workshop

A Community Workshop was held on May 30, 2018 at the INVISTA Centre. The purpose of this meeting was to provide a project introduction to the public and garner initial feedback related to their parks and recreational needs moving forward. There were over 25 interested citizens in attendance.

The meeting was structured in an open house format with display boards which included both information boards and interactive boards posing questions for attendees to provide input on. The questions were related to, but not limited to, the type of recreation facilities they used the most, why parks and recreation facilities are important to them (benefits and purposes), and what key areas of focus are required by the City going forward as it relates to the development of indoor and outdoor recreational facilities, parks and open space, and programming and events.

#### 1.4.2 User Group Workshops

Two user group meetings were held on October 11, 2018 at the INVISTA Centre in Kingston. There were 15 individuals in attendance at the afternoon session and 8 in attendance at the evening

session, representing a variety of groups who use the City's recreation facilities. The purpose of the meetings was to understand the groups' membership base, current needs, issues, and opportunities for the future. The sessions began with a brief presentation by the Consulting Team, followed by lively discussion(s) that addressed a series of questions posed. Topics included groups' view of the City's facilities (what should be celebrated, what needs to be enhanced), opportunities for developing recreation in the city, existing challenges faced by the groups and what solutions have been sought, what they would like to see in the future, and facility examples from other communities that the City could learn from.

### 1.4.3 User Group and Resident Online Surveys

#### **User Group Survey**

A survey designed specifically for user groups was available online, via Survey Monkey, from July 21, 2018 to April 5, 2019. The respondents provided feedback on the activities or sports their group is involved in, membership and programming trends, which facilities their group uses within the city, and whether these facilities meet their group's specific needs.

#### **Public Survey**

A public survey was available online via the City's public engagement platform, Get Involved, between May 30 and June 23, 2018. In total, 198 respondents participated in the online survey and provided their views and experiences with City-owned facilities, programs, and services. The input received provides insight on the public's perception of existing facilities in terms, of quality, function, maintenance, and ability to meet resident needs.

Input beyond the public survey was also solicited via the "Ideas" tab of Get Involved where people could brainstorm and provide additional thoughts on parks and recreation within the City of Kingston. This activity was open during July and August 2018 and garnered 16 responses with a variety of ideas and suggestions related to parks.

Detailed summaries of the outcomes of the online public and user group surveys have been developed under separate cover.

### 1.4.4 Internal and External Stakeholder Engagement

Interviews with staff in the Recreation and Leisure, Public Works, Cultural Services, Planning, and Transportation departments were conducted throughout the month of May 2018.

Additionally, telephone and in-person interviews were conducted with several significant external stakeholders over the course of the summer and fall (June to October 2018), including, but not limited to local school boards, YMCA of Eastern Ontario, Kingston Boys and Girls Club, Downtown Kingston BIA, Tourism Kingston, Cataraqui Region Conservation Authority, CFB Kingston, and Kingston, Frontenac, and Lennox & Addington (KFLA) Public Health.

## 1.5 Report Structure

The purpose of the Needs Assessment Report is to present the initial findings and implications for the research undertaken and engagement activities conducted for the City's recreational services, programming and assets. The report is structured with 10 sections comprising the following:

|  |  |
|--|--|
| <b>Section 1: Introduction</b>                                     | Outlines the scope of the Master Plan Update, process taken to date, and the purpose of the Background Report.   |
| <b>Section 2: Community Profile</b>                                | Identifies the demographic trends that are taking place in the City of Kingston and its neighbourhoods.  |
| <b>Section 3: Policy Context &amp; Municipal Alignment</b>         | Outlines relevant strategic policy initiatives and planned projects that highlight the City's commitment to future recreation needs.   |
| <b>Section 4: Trends in Recreation &amp; Sport</b>                 | Examines key trends related to influences on participation in recreation activities, recreation as a driver for tourism / sport tourism, and trending design considerations for recreation facility development. |
| <b>Section 5: Service Delivery</b>                                 | Provides an overview of the City's current model for delivering recreation services, potential improvements, and identifies gaps and future opportunities.   |
| <b>Section 6: Municipal Programs &amp; Special Events</b>          | Examines the current and future demand for programming, activities, and special events.  |
| <b>Section 7: Overview of the Assets</b>                           | Provides a snapshot of the indoor and outdoor recreation facilities, parks, and open spaces that are City-owned and maintained. Standards of provision are also provided.  |
| <b>Section 8: Assessment of Indoor Recreation Facilities</b>       | Reviews the local inventory of in-scope indoor recreation facilities, including utilization, existing standards, condition, current trends in sport participation and priorities.                                |
| <b>Section 9: Assessment of Outdoor Recreation Amenities</b>       | Reviews the local inventory of in-scope outdoor recreation amenities, including utilization, existing standards, condition, current trends in sport participation and future priorities.                         |
| <b>Section 10: Assessment of Parkland, Trails &amp; Open Space</b> | Details the local inventory of in-scope parks, open space, and trail facilities, including existing standards, and future priorities.  |

## 2 Community Profile

### 2.1 Recreation Facilities and Services Planning in Kingston

On a city-focused basis, Kingston undertakes community-level planning and service delivery on a neighbourhood basis, with 43 distinct neighbourhoods across the city. These neighbourhoods are typically comprised of five to seven Dissemination Areas<sup>1</sup>, grouped based on similar social, physical, and political attributes, as well as location within the city.

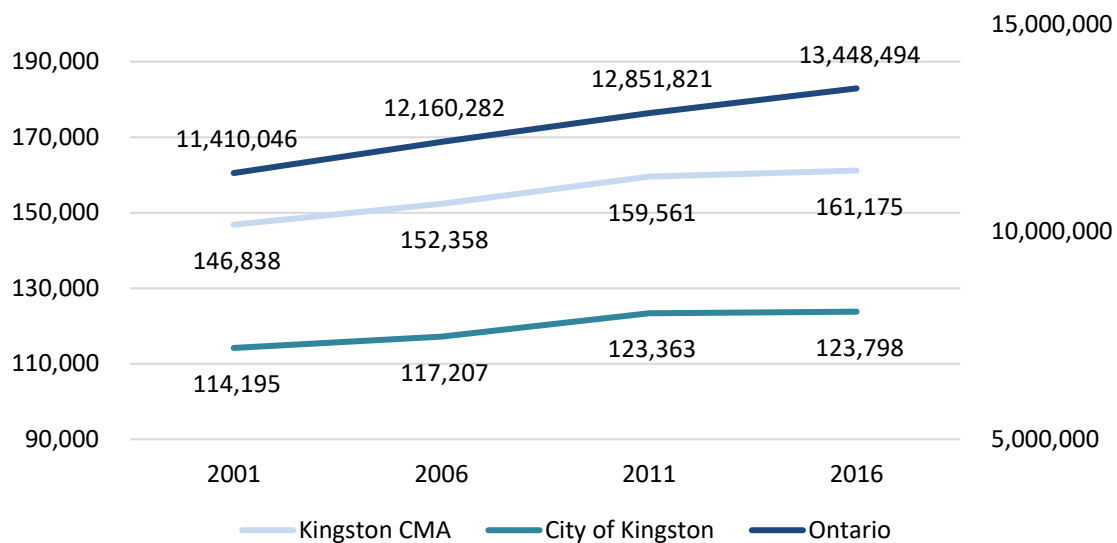
### 2.2 How the Population is Changing

Understanding Kingston’s profile and growth dynamics, as compared to Kingston Census Metropolitan Area (CMA), and the Province, provides a picture of the unique attributes of the city, how it is expected to change in the future, and what this means regarding the existing parks and recreation facilities as well as the planning and delivery of services and programs.

#### 2.2.1 Historic Population Growth

The city has experienced a population growth rate of 8% between 2001 and 2016, with the population having increased from 114,195 in 2001 to 123,798 in 2016. The Kingston CMA experienced a similar (10%) population increase in the same period, while Ontario grew by 18%.

Exhibit 2: Historic Population Growth Comparison, 2001 to 2016



Source: Sierra Planning and Management based on Statistics Canada, Census Data 2006, 2011, 2016

<sup>1</sup> Small area composed of one or more neighbouring dissemination blocks, with 400-700 persons.

It is important to note that population numbers exclude non-resident students (non-resident post-secondary students and other foreign or temporary residents) but include resident students (those students who are permanent residents, or international students with a student visa, for example). Additionally, those service members living on the CFB Kingston base are not counted in the local census, but those living off-base are included. Combined, these factors may affect the total population numbers produced by Statistics Canada for the City of Kingston, and therefore may not accurately reflect the actual number of residents.

Those areas of the city that have experienced the most growth over the past census period (between 2011 and 2016) include mostly those areas near the west and east limits of the city's urban boundary (specifically, the neighbourhoods of Cataraqui Westbrook, Greenwood Park/St. Lawrence South, St. Lawrence North). These areas are typically less built-up than the Central area and have land designated for future residential development (i.e., Housing Districts as per Schedule 2 of the City's Official Plan). Refer to Appendix A for mapping details.

It should be noted that the Kingston Penitentiary and Collins Bay Neighbourhoods are atypical and have experienced a decrease / increase in populations respectively, due to the closure of the Kingston Penitentiary in September 2013 and expansion of the Collins Bay facility in 2015.

### 2.2.2 Planning for Future Population Growth

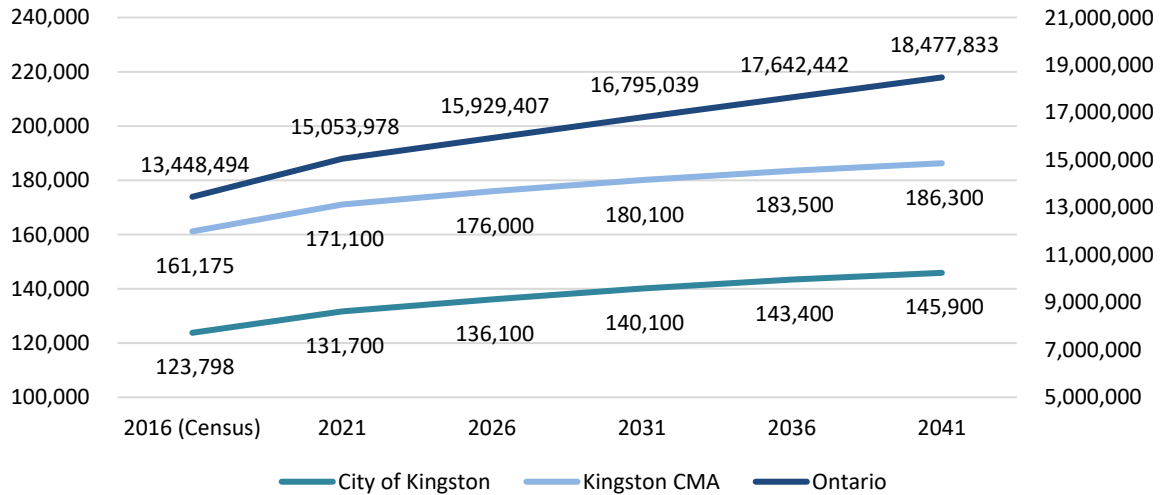
The 2010 Master Plan relied on population and housing forecasts completed by the City's Planning Department and based on 2006 Census Data from Statistics Canada. The City of Kingston then developed population projections in 2013, based on Statistics Canada 2011 Census Data, upon which future planning was based. With the release of the 2016 Census Data, the City identified discrepancies between the projections and the new Census Data – the 2013 projections indicated that the population would increase by 5.2% between 2011 and 2016, while the 2016 population Census Data indicated that the city only grew by 0.4% over the five-year period.

To rectify the differences and understand the factors that may have been responsible for the variations, the City engaged Watson & Associates Economists Ltd. to develop city-wide population projections. The growth analysis recognizes those additional populations not included in permanent population counts provided by Statistics Canada, specifically:

- Canadian Forces Base Kingston (CFB Kingston) residents living on-base; while those employees housed within the broader community are counted within the general Census.
- Post-secondary students at Queen's University, St. Lawrence College (Kingston Campus) and the Royal Military College of Canada.

The estimates provided within the 2019 growth study also include a net Census undercount (estimated at approximately 3.1%), which, combined with the items above, aim to estimate a more complete picture of the population being served within the City of Kingston.

Exhibit 3: Projected (Estimated) Population Growth Comparison to 2041

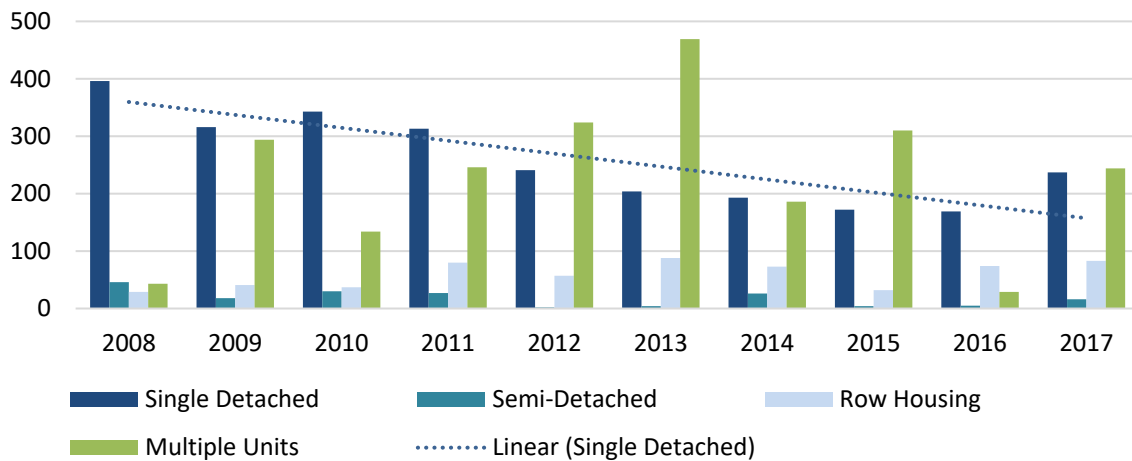


Source: Sierra Planning and Management based on Statistics Canada 2016 Census Data, Ontario Population Projections Update, 2017 – 2041, and City of Kingston Population, Housing and Employment Forecast Report, 2019.

**Locations to Accommodate Future Growth**

The City’s data related to the issuance of residential building permits indicates that there is a general trend away from single detached dwelling types and a growing trend towards development of row or multiple unit housing types. However, single detached homes have accounted for 46% of the total units built over the last 10 years. This trend may be attributed to the increasing older adult population who may be looking for smaller properties as they move into a different stage of life.

Exhibit 4: Residential Units Issued by Building Permits



Source: Sierra Planning and Management based on City of Kingston Report Numer PC-18-030



The city has an average of around 600 residential units per year being built per year, with different areas of the city (West, East and Central) seeing varying levels of development over the 10-year period.

Going forward, Kingston is positioned to accommodate population growth throughout the city, in particular those areas within the urban boundary (i.e., south of Highway 401). These areas include a mix of single detached homes (areas in the west) and multiple unit residential dwelling types (central areas).

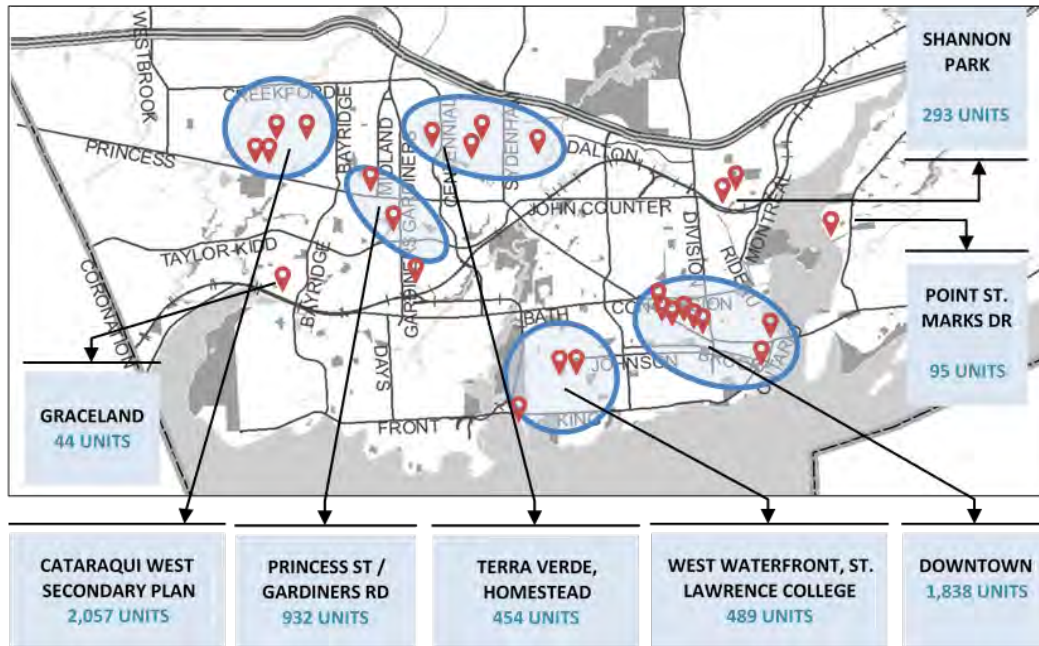
Exhibit 5: Summary of Committed and Pending Residential Units

| <b>Committed Residential Units</b> | <b>West</b>  | <b>East</b> | <b>Central</b> | <b>Total</b>  |
|------------------------------------|--------------|-------------|----------------|---------------|
| Single Detached                    | 1,118        | 224         | -              | <b>1,342</b>  |
| Semi Detached                      | 198          | -           | -              | <b>198</b>    |
| Row Housing                        | 491          | 30          | 293            | <b>814</b>    |
| Multiple Unit                      | 1,512        | -           | -              | <b>1,512</b>  |
| <b>Total Committed</b>             | <b>3,319</b> | <b>254</b>  | <b>293</b>     | <b>3,866</b>  |
| <b>Pending Residential Units</b>   | <b>West</b>  | <b>East</b> | <b>Central</b> | <b>Total</b>  |
| Single Detached                    | 1,080        | -           | 31             | <b>1,111</b>  |
| Semi Detached                      | 739          | -           | 2              | <b>741</b>    |
| Row Housing                        | 282          | -           | 305            | <b>587</b>    |
| Multiple Unit                      | 332          | 95          | 3,981          | <b>4,408</b>  |
| <b>Total Pending</b>               | <b>2,433</b> | <b>95</b>   | <b>4,319</b>   | <b>6,847</b>  |
| <b>Total Number of Units</b>       | <b>5,752</b> | <b>349</b>  | <b>4,612</b>   | <b>10,713</b> |

Source: Sierra Planning and Management based on City of Kingston Report Number PC-18-030

Based on City of Kingston Report Number PC-18-030 and the City’s Development and Service Hub (DASH) interface, the active development activity (committed and pending) for noteworthy residential development (typically over 30 units) is detailed below. These areas can be expected to accommodate much of the anticipated population growth in the future.

Exhibit 6: Major Pending and Committed Residential Units within Kingston



Note: Map does not include all pending and committed residential developments. Source: Sierra Planning and Management based on City of Kingston Report Number PC-18-030 and Development and Service Hub (DASH) interface, accessed September 17, 2018.

Status of 2010 Master Plan Recommendations: Neighbourhood Based Planning

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 1   | Develop the planned areas of major intensification within Kingston as hubs for community activity, including the provision of active and passive recreation opportunities within walking distance of high-density residential areas; this could include delivering high quality programs out of municipal parks, community centres, libraries, elementary schools, etc.  | Ongoing / Continuous | City has implemented Neighbourhood Parks Program.  |
| 2   | In areas of residential intensification (including, but not limited to, the urban core), make the preservation and enhancement of parkland and open spaces a priority. This may include giving consideration to the purchase of surplus school sites in the vicinity, improving linkages to existing park sites, renewing and/or redeveloping existing parks, implementing urban design practices that enhance connections with park/open space elements, etc. | Ongoing / Continuous | Napier Street site (former school property) was purchased in 2017. Consultation for park design is currently underway. |

## Considerations for the 2021 Master Plan: Neighbourhood Based Planning

Many of the recommendations in the 2010 Plan remain valid and should be included in the Plan Update.

### 2.3 Demographic and Socio-Economic Profile

Understanding the demographic profile of the city and the surrounding area is an important step in the Master Plan process, as it assists in determining whether the range of facilities, services and programs which exist, and which are to be proposed, adequately reflecting the interests, abilities, and financial reach of its residents.

#### 2.3.1 Age Structure

The demographic distribution of Kingston is like that found in other mid-size municipalities across Ontario. As baby boomers age, there is a growing proportion of older adults. This is true for Kingston, where a sizable share of the population are over 50 years of age and is growing.

Kingston is somewhat unique in that it has a larger than average proportion of young adults (those aged 20-29), which can likely be attributed to students who remain in Kingston after graduation to work. This cohort did experience a slight decline over the last census period (see Exhibit 9 for details).

Exhibit 7: Kingston's Age Structure (2016)

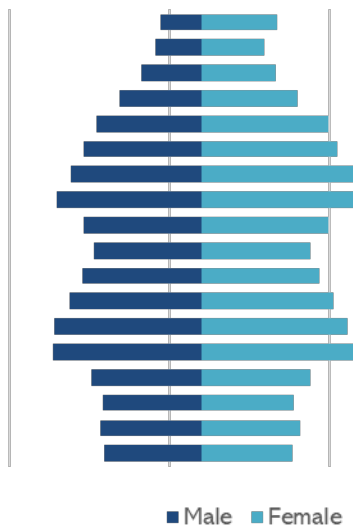
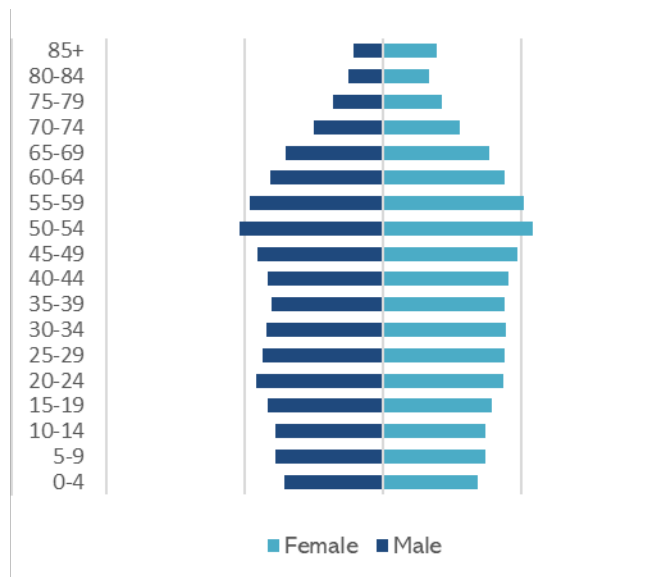


Exhibit 8: Ontario's Age Structure (2016)



Source: Sierra Planning and Management based on Statistics Canada, Census Data 2016

Exhibit 9: City of Kingston Population Trends by Age Cohort

| Age Cohort          | 2011           |             | 2016           |             | Observed Change |
|---------------------|----------------|-------------|----------------|-------------|-----------------|
|                     | Pop.           | %           | Pop.           | %           |                 |
| Children (0-9)      | 11,990         | 9.72%       | 12,125         | 9.79%       | Stable          |
| Youth (10-19)       | 14,230         | 11.54%      | 12,835         | 10.37%      | Slight Decline  |
| Young Adult (20-29) | 20,080         | 16.28%      | 18,650         | 15.06%      | Slight Decline  |
| Adult (30-64)       | 56,710         | 45.98%      | 56,175         | 45.38%      | Stable          |
| Older Adult (65+)   | 20,335         | 16.49%      | 24,015         | 19.40%      | Growth          |
| <b>TOTAL</b>        | <b>123,345</b> | <b>100%</b> | <b>123,800</b> | <b>100%</b> |                 |

Source: Sierra Planning and Management based on Statistics Canada, Census Data 2016

This is comparable to the age cohort composition of the market area population, which has a slightly larger adult (30 to 64 years) population, and slightly lower youth (10 to 19 years) and young adult (20 to 29 years) population.

Kingston’s overall average age is 42.3 years, which is marginally higher than the provincial average of 41.0 years. 2016 Dissemination Area data, as presented in Appendix A, illustrates the relative geographic spread of aging across the city. Children and youth populations (those 19 years of age and under) are concentrated in pockets spread throughout the city. These areas include some of the newer subdivisions, namely the west side of the Greenwood Park/St. Lawrence South neighbourhood. The more rural areas tend to have lower concentrations of children and youth.

Areas with higher proportions of older adults are generally spread out across the city. Those neighbourhoods with the highest concentrations of older adults, those over the age of 65, include Cataraqui River East, Inner Harbour, Sydenham, Portsmouth, Fairway Hills (southern portion), Sutton Mills and a small pocket in the Calvin Park neighbourhood.

The City has identified its commitment to making Kingston more age-friendly, through its Age Friendly Kingston Plan, developed in 2012, and described in Section 3.1.2 of this document. This relates to all aspects of facilities, programs, and services that the City offers and provides. With a growing older adult population within the city, as is the case Province and nation-wide, Kingston is on track to ensuring that older adults are being accommodated in all aspects of life, including recreational pursuits.

Status of 2010 Master Plan Recommendations: Aging Population

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
| 3   | Consider the inclusion of older adult-oriented space at the INVISTA Centre to meet the growing needs associated with this market segment. Furthermore, alternative sites such as the Centre 70 Arena, Wally Elmer Neighbourhood Centre and the Memorial Centre should be considered (as part of re-purposing and/or | Ongoing / Continuous | City has expanded its partnership with Seniors Association for the inclusion of Seniors programming in the city's West End (at the Boys and Girls Club) and at |

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
|     | expansions) for older adult/seniors' spaces in order to ensure that adequate spatial distribution is achieved.  |                      | the Rideau Heights Community Centre.   |
| 4   | Continue to work with the Seniors Association Kingston Region to collaboratively deliver innovative programs and services for the older adult and seniors' market, including out of City-owned leisure facilities in order to let this community organization grow its membership and service delivery capabilities. A focus should also be placed on determining delivering outreach programming to older adults residing in Kingston's rural communities. | Ongoing / Continuous | Ongoing discussions with Seniors Association and community agencies serving seniors to increase older adult services and potential designated older-adult space at identified locations.                                     |
| 5   | Undertake an Older Adults & Seniors Strategy, in concert with community partners, to provide guidance on how to best meet the evolving needs of Kingston's residents who are over the age of 55. This strategy should also address increasing levels of demand which are anticipated based on aging population trends and the resultant impacts on human, physical and fiscal resources and service delivery.   | Completed<br>✓       | Age Friendly Plan was completed in 2014.   |
| 6   | Consider eliminating reduced rates for older adults in the 55 – 65-year age range and offer financial assistance for those older adults/seniors who cannot afford to participate in programs and services.  | Completed<br>✓       | Implemented as part of the 2011 fees and charges by-law. Existing senior's rates were grand fathered. SPARK program introduced in 2010 to provide financial assistance for access to recreation services and transportation. |
| 7   | Consider listing all municipal and/or community-based opportunities for Older Adults / Seniors in the Recreation and Leisure Magazine in one section and consider listing opportunities per all age groups where possible.  | Ongoing / Continuous | Implemented in the 2011 spring/summer leisure guide and ongoing. Listed on Senior page of the Leisure Guide.   |

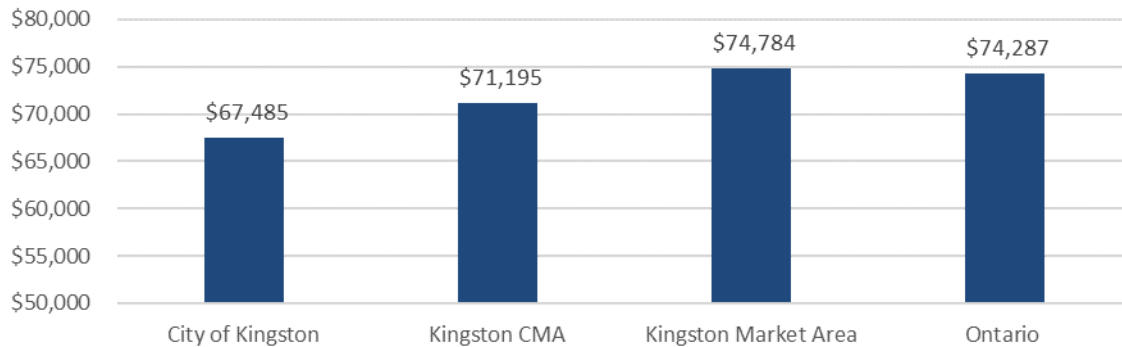
Status of 2010 Master Plan Recommendations: Delivery Services to Youth

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
| 8   | Through site specific feasibility studies and business planning processes, explore the possibility of dedicating youth space at the Wally Elmer Neighbourhood Centre, the Memorial Centre and/or Centre 70 Arena, with special attention to accessibility issues. | Pending              | Non-dedicated youth space at RHCC.   |
| 9   | Undertake a youth consultation campaign prior to youth facility and program planning to ensure that any new initiatives will be responsive to youth needs.  | Ongoing / Continuous | Continuous consultation with Kingston youth through the annual Youth Forum and the Mayor's Youth Council.        |
| 10  | Develop a Youth Strategy in concert with youth and supportive community partners to ensure that engagement/empowerment and the resulting benefits to youth and the community continue to be a priority.   | Completed<br>✓       | Kingston Youth Strategy (Y2K Kingston) was developed in 2012.  |
| 11  | Meet the designation requirements of the "Youth Friendly Community" through the Play Works collective to promote successes in engaging youth and to address any gaps in the provision and enabling of youth services.   | Completed<br>✓       | Youth Friendly Community designation was achieved in 2016. Work to uphold this designation is continuous.        |
| 12  | Inventory all opportunities available in Kingston for youth and promote them utilizing technology (Facebook, Twitter etc.,) and local neighbourhood communications vehicles.  | Ongoing / Continuous | Opportunities for youth are promoted through the Y2K Kingston website as well as City channels of communication. |
| 13  | Consider the skills and competencies and personnel needed within the City's organizational structure to support youth development.  | Completed<br>✓       | Additional part time youth coordinator position was established in 2011.   |

### 2.3.2 Income

On average, Kingston has a lower median income, when compared with the CMA, market area and Province. In 2015, the median after-tax household income for the city's resident base was \$67,485, which is lower than the Province's at \$74,287 and marginally lower than Kingston CMA (\$71,195). The market area had the highest median household income at \$74,784<sup>2</sup>.

Exhibit 10: Median Total Household Income Comparison



Source: Sierra Planning and Management based on Statistics Canada, Census Data 2016 and Business Analyst by ESRI, 2018

Mapping showing those areas that had the highest proportions of resident households that were under the Low-income Cut-Off Threshold, after tax (LICO-AT) in 2015, are presented in Appendix A. The lower-income areas are mostly focused in the central portion of the city.

### 2.3.3 Ethno-Cultural Diversity

The existing ethno-cultural diversity of Kingston and the surrounding market area is defined by a majority of immigrants<sup>3</sup> arriving prior to 2001. Over the last decade immigrant populations are smaller, with the city having higher immigrant populations than the more rural surrounding areas.

Of the 21,130 of the market area population who identified as 'immigrants' in the 2016 census, 52% were born in Europe compared to the city where 48% of 15,835 immigrants were born in Europe. The city has larger proportions of immigrants from Africa (7% of immigrants) and Asia (30%) when compared against the broader market area (3% and 26% respectively).

<sup>2</sup> Income data for the Kingston market area is based on 2017 data obtained from Environics.

<sup>3</sup> Statistics Canada defines 'Immigrant' as a person who is or who has ever been a landed immigrant or permanent resident. Such a person has been granted the right to live in Canada permanently by immigration authorities. Immigrants who have obtained Canadian citizenship by naturalization are included in this group. In the 2016 Census of Population 'Immigrant' includes immigrants who landed in Canada on or prior to May 10, 2016.

## 2.4 Implications of Population and Demographic Changes

Based on the population and demographic profile of the city, CMA and market area, the key learnings can be summarized as follows:

- Growth is being accommodated mainly in multi-unit residential buildings within the downtown core, and in detached or semi-detached homes in the north west area of the city (south of Highway 401). Densifying downtown areas often lack informal gathering spaces (as is the case in downtown Kingston), therefore planning for expanded community infrastructure to accommodate future growth is important.
- There is a growing older adult population within the city and market area. This segment of the population typically has more limited mobility and incomes, benefitting from services provided close to home.
- The city's median household income is lower than that of the market area. This, combined with the above, means that consideration for low-income households and seniors relative to accessibility of recreation facilities, programs, and services (transportation, user fees / charges, program offer, etc.) is important to improve the overall quality of life for residents.
- The ethno-cultural diversity of the city is important to better understand needs and inform future planning for facilities, programs, services, and special events.
- Planning for a broad range of uses and users in the context of community recreation is important, as recreation facilities, programs and services will be used by a mix of residents / groups as well as groups serving a city-wide or region-wide mandate.

## 2.5 Economic Profile

The economic profile of the city also bears influence on the delivery of recreation – specifically as it relates to quality of life for residents/employees. This is often a deciding factor when companies are looking to build and/or relocate. Additionally, it is important to consider commuter flows in and out of the city and the impacts of recreation facility use and participation in programs and activities.

Kingston's current industry sectors are focused on manufacturing, mining and research and development. The Kingston Economic Development Corporation (KEDCO) identifies four key sectors with a high potential to attract to Kingston in the future – healthcare, agri-business, emerging sustainable technologies, and information communication technologies and defense<sup>4</sup>.

In 2017, two of the largest investments in Kingston's history were announced or opened:

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<sup>4</sup> A Strong and Vibrant Kingston, Kingston Economic Development Corporation, 2017, available from [business.kingstoncanada.com](http://business.kingstoncanada.com)

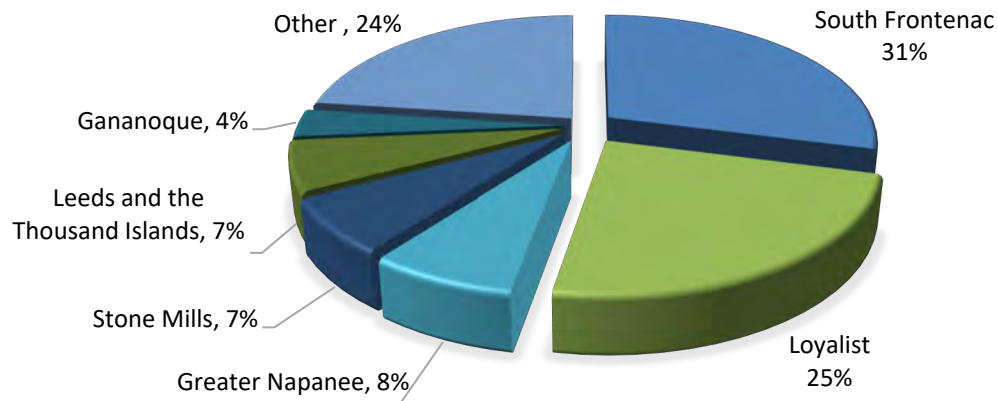


- Canada Royal Milk- a 320,000 square foot manufacturing plant and research and development facility for infant formula, and which is anticipated to create 275 new jobs. The plant opened in 2020 in the Cataraqui Estates Business Park; and
- Frulact Group – a 55,000 square foot facility (their first North American location) which opened in May 2017 in the Cataraqui Estates Business Park. This location is set for a 30,000 square foot expansion in 2019, which will result in a total of 125 jobs at the facility<sup>5</sup>.

Between 2011 and 2016, the number of employed residents within the city’s labour force decreased slightly from 59,470 to 58,710 persons. This represents a 1.3% decrease in employment for the city during this period. In 2016, the city’s unemployment rate was 7.9% compared to 7.4% for the Province. It is interesting to note that the 2018 unemployment rate for the broader “market area” was reported at 5.4%<sup>6</sup>.

2016 Place of Work data from Statistics Canada shows that most of Kingston’s resident labour force is employed within the city’s boundaries, as less than 10% commute outside of the city daily for employment. Of those commuting into the city for work (roughly 19,000 commuters on average) many originate from South Frontenac Township (31%) and Loyalist Township (25%). Smaller clusters of commuters come from places such as Stone Mills Township, Greater Napanee, and Leeds and the Thousand Islands and Gananoque, combined make up 26% of the inflow commuters. Being the largest centre within the local area, the City of Kingston is likely servicing some of the recreation needs of the non-resident work force in Kingston as well.

Exhibit 11: Place of Residence for Proportion of In-Commuters to the City, 2016



Source: Sierra Planning and Management based on Statistics Canada, 2016 Census.

<sup>5</sup> Annual Report 2017, Kingston Economic Development Corporation.

<sup>6</sup> Business Analyst by ESRI, 2018.

### 3 Policy Context & Municipal Alignment

Parks and recreation facilities are important components to a community's vitality and quality of life, significantly contributing to the health of residents, as well as the social, economic, and environmental well-being of a community.

#### 3.1 Legislative Context

The following provides a summary of key policies at all levels of government and their relevance to the Parks and Recreation Master Plan Update for Kingston.

##### 3.1.1 Federal and Provincial Context

###### **Framework for Recreation in Canada: Pathways to Wellbeing**

The Framework for Recreation in Canada 2015 outlines the national directive for the development of recreation in Canada over the next ten years, for which provincial and municipal recreation policies and practices should support. Its aim is to improve the wellbeing of individuals, communities, and the built and natural environments. Specifically, it seeks to achieve:

1. Active Living
2. Inclusion and Access
3. Connecting People and Nature
4. Supportive Environments
5. Recreation Capacity

**Relevance to the Master Plan Update:** The Master Plan Update will integrate the Framework's key goals, including ensuring facilities will support physically active recreation and non-organized play activities for all ages; encouraging the review of pricing policies to minimize barriers to participation in recreation; considering ethnic diversity in determining future needs; and facility investment decisions based on qualitative and quantitative evidence.

###### **Canadian Sport for Life (CS4L)**

Canadian Sport for Life (CS4L) is a national initiative to improve the quality of sport and physical activity in Canada via a seven-stage training, competition, and recovery pathway framework for fostering sport and physical activity from infancy to adulthood. The initiative challenges Canadian sport organizations to develop and adopt a Sport for Life model, and subsequently forms a framework for provincial sport organizations and municipalities in delivering recreation services and attaining funding from upper levels of government.

**Relevance to the Master Plan Update:** The 2010 Master Plan recommended that an annual forum be held to discuss the Canadian Sport for Life model and its implications and application in Kingston. The model is currently under review.

### **Canadian Sport Policy**

Canadian Sport Policy (CSP) 2012 is an intergovernmental policy directive that provides a national vision and framework for sport, physical activity, and recreation until 2022. In facilitating sport excellence, enhanced education and skill development, improved health and wellness, civic pride, and economic prosperity; the Policy outlines a vision to increase the number and diversity of Canadians participating in sport.

To support the implementation of CSP 2012 policy goals and objectives, in August 2013, Federal, Provincial and Territorial Ministers of Health and of Health Promotion/Healthy Living Ministers approved new priorities for collaborative action that focuses on promoting access to sport for economically disadvantaged Canadians, improving capacity in the sport system, and aligning CSP 2012 with strategies for physical activity and recreation.

**Relevance to Master Plan Update:** Key policy objectives support the development of a Master Plan Update in as much as the latter will constitute a comprehensive framework to achieve the following national priorities at a local level including: accessible, equitable and inclusive programming; partnerships support the development of sustainable facilities and open space; access to safe spaces for self-directed play; and, fostering partnerships to provide resources for recreational sport programs.

### **Accessibility for Ontarians with Disabilities Act**

The Accessibility for Ontarians with Disabilities Act (AODA) came into effect in 2005. The Act includes mandatory accessibility standards aimed at identifying, removing, and preventing barriers for people with disabilities, with the goal of making Ontario fully accessible by 2025.

The AODA consists of five regulatory standards. The area that is most pertinent to built infrastructure is the Design of Public Spaces Standard, which is contained within the Integrated Accessibility Standards Regulation (Ontario Reg. 191/11). The Design of Public Spaces Standard establishes a minimum set of technical design requirements that apply to exterior paths of travel; recreation trails, beach access routes, and outdoor public-use eating areas; outdoor play spaces (e.g. playgrounds); accessible parking; service elements; and maintaining accessible public spaces. These standards apply to both new development and redevelopment but are not retroactive for elements that existed prior to the phase-in period (now in full effect).

The AODA also requires the development of Accessibility Plans at the municipal level, which may identify enhancements to existing facilities, among other matters. Kingston has adhered to these requirements with the most recent Accessibility Plan providing guidance to 2022.

**Relevance to Master Plan Update:** Technical building standards relating to the accessibility of parks and recreation facilities that will be considered within the Master Plan Update is largely governed by the Ontario Building Code and the City's Multi-Year Accessibility Plan (2018 to 2022).

## Planning Act & Provincial Policy Statement

The Planning Act sets out the ground rules for land use planning in Ontario and describes how land uses may be controlled, and who may control them. All planning policies, official plans, secondary plans, zoning by-laws, plans of subdivision, and other planning tools must be prepared and applied in compliance with the Act. Policies and procedures for public consultation and changes to land use are set forth in the Act.

The Planning Act supports the adequate provision and distribution of recreational facilities and identifies requirements for parkland conveyance, the latter of which was recently amended through Bill 73.

**Relevance to Master Plan Update:** Municipalities use the Provincial Policy Statement to develop their official plans and to guide and inform decisions on other planning matters. Policy 1.5.1 addresses Public Spaces, Recreation, Parks, Trails and Open Space which calls for the promotion of healthy, active communities.

The promotion of healthy, active communities can be achieved through:

- Planning spaces and facilities to be safe, foster social interaction and facilitate active transportation and community connections.
- Planning and providing for a full range and equitable distribution of publicly accessible built and natural settings for recreation.
- Providing opportunities for public access to shorelines.

The Planning Act is affected by Bill 108 and subsequently Bill 197.

## Ontario Community Hubs Strategy

In 2015, the Ontario Government released the Community Hubs in Ontario: A Strategic Framework and Action Plan, one of the core principles of which is to maximize the use of public property for community benefit. Community hubs are gathering spaces and places designed to provide residents with access to a wide range of community activities, programs, services, and events. Hubs may serve varying needs from social to academic, economic to recreational supports; the role and function of which are typically defined by the individual communities within which they are located. Consequently, there is no single definition for community hubs.

The Government of Ontario has dedicated financial resources to facilitating the proliferation of hubs across the Province, namely:

- The implementation of a redesigned Community Health Capital Program (CHCP) policy that streamlines funding applications and expands funding eligibility to support the co-location and integration of multiple health and social services (this includes Ontario Early Years Child and Family Centres and Elderly Persons Centres);
- Increased funding for the Investment in Affordable Housing (IAH) initiative in support of affordable housing projects that support community hubs; and,

- Increased in capital funding for schools to support the use of these buildings as community hubs.

Part of the planning basis for hub development are the opportunities to address social issues such as poverty, unemployment, and early childhood development in a collaborative manner.

**Relevance to Master Plan Update:** The City of Kingston has recognized the value of the hubs in addressing access to social, recreation and employment services and opportunities within neighbourhoods where a significant share of the population is marginalized. This has bolstered the community development role and function of City Departments, albeit within the light of recreation service delivery. With the implementation of neighbourhood hubs (namely, the Rideau Heights Community Centre and Library), the City's role is ever evolving and expanding.

### **Development Charges Act, 2015**

The Development Charges Act specifies that a municipal council can impose development charges (DCs) (through the development of a DC by-law) against land to pay for increased capital costs required because of additional servicing requirements arising from development that is within the area applicable under the by-law. DCs can be imposed on development that requires the passing of a zoning by-law / amendment, a minor variance, approval of plan of subdivision, or issuance of a building permit, among others. The DC Act identifies the method of developing a development charge by-law and the process which a municipality must follow prior to the passing of a by-law, such as completing a development charges background study.

**Relevance to Master Plan Update:** The Development Charges Act provides guidance for the City's Development Charges and Impost Fee Background Study and By-law, which addresses the increase in capital required to accommodate anticipated development.

The DC Act is affected by Bill 108 and subsequently Bill 197.

### **Green Energy Act, 2009**

The Green Energy Act (GEA)'s intention is to make it easier to bring renewable energy projects to life, ultimately changing the way in which renewable energy products are approved in Ontario. The GEA positions Ontario as a leader in green energy, contributing to a strong and green economy, while protecting the natural environment, important resources and public health and safety.

The GEA amends portions of the Building Code to establish energy conservation requirements for larger buildings that have been increased from the previous requirements. The Building Code continues to promote the use of renewable energies, and on-site energy generation (i.e., solar panels, others) to complement this Act.

**Relevance to Master Plan Update:** The 2010 Master Plan recommended that facilities be designed to LEED Silver standards. The City continues to strive towards sustainable / green buildings and is currently exploring "net zero" as an alternative to LEED design.

### **Ontario's Culture Strategy**

The strategy and government support for culture is premised on 6 key principles: creativity and innovation, quality of life and economic development, diversity and inclusion, respect for Indigenous peoples, collaboration and partnerships, and public value and accountability. Recreation can often be interwoven with culture, as one of the key strategies speaks to collaborating with sport and recreation partners to explore opportunities to integrate cultural engagement into community recreation and sport, and to encourage cultural celebrations as part of multi-sport games held in Ontario.

**Relevance to Master Plan Update:** Through the planning of new indoor or outdoor facilities, opportunities to integrate cultural aspects could be explored.

### **3.1.2 Scan of Municipal Directions**

#### **Strategic Plan 2015-2018**

The City's Strategic Plan is rooted in a mission statement that guides all municipal decision making: "To enhance the quality of life for present and future generations by providing progressive, professional services and leadership that reflects the need of all those who work, live, visit or play in the City of Kingston." This framework is aimed at helping Kingston become Canada's Most Sustainable City.

Council's current priorities are focused on: creating a smart economy that encourages entrepreneurship and innovation, investing in infrastructure to ensure a high quality of life and support a sustainable community, planning a livable city that embraces a balance of the four pillars of sustainability and promotes community engagement, greening the city to protect and preserve the environment, advancing a vibrant waterfront that include balanced and respectful development that improves public access, and, foster open government to enable effective public involvement in civic affairs.

**Relevance to Master Plan Update:** The recommendations included within the Master Plan Update are to be in line with and help to achieve Council's strategic priorities.

#### **Sustainable Kingston Plan (2010)**

The Sustainable Kingston Plan is based on the four pillars of sustainability: cultural vitality, economic health, environmental responsibility, and social equity. With a vision to become Canada's most sustainable city, the Plan is a long-term framework that promotes the community's activity to realize this ambition.

The Sustainable Kingston Plan deals with aspects that relate to parks and recreation within the city; key goals relevant to this study include:

**Cultural Vibrancy:**

- Strive for vibrant neighbourhoods that promote community development through accessible and available services, programs, and community associations.

**Economic Health:**

- Develop niche tourism markets including sport tourism, business tourism, leisure travel, cultural tourism, and eco-tourism.
- Maximize Kingston's capability to host local, national, and international sport events.

**Environmental Responsibility:**

- Restore and improve water quality at public beaches.
- Increase the amount of natural areas.
- Enhance the environmental aspects of park management.
- Increase the number of trees in park areas.
- Use sustainable building standards for design, construction, and operation.

**Social Equity:**

- Provide and promote affordable, accessible recreation and leisure opportunities that support healthy and active lifestyles.
- Promote and enhance physical, mental, and spiritual well-being.
- Encourage community gardens development.
- Establish community kitchens and cooking programs in recreation centres / hubs to promote food skills.

**Relevance to Master Plan Update:** The recommendations provided within the Master Plan Update will consider and reflect the goals of the Sustainable Kingston Plan.

**Official Plan (adopted 2009, approved 2010 & 2017)**

The City of Kingston Official Plan provides the vision to guide the development of the city to the year 2036. The plan is rooted in an overarching goal of attaining sustainability of development, and identifies planning goals and policies guiding physical development, the protection of natural and cultural heritage, resource management, and necessary supporting infrastructure.

With respect to recreation and parks facilities, the Official Plan outlines that the City will "actively acquire, conserve, maintain and renew public open space areas and related facilities as part of an on-going program" and "actively acquire and gain access to waterfront lands through various land strategies ... (as per) the Waterfront Master Plan." Policies for parkland acquisition and dedication are also identified, as are the preferred locations for municipal parks (for example, lands abutting natural features, school sites, along major streets, sites that maximize the residential units in proximity of the park, etc.).

As part of the open space network, the Plan sets out a park hierarchy, including Regional parks, City-wide parks, District parks, and Neighbourhood parks.

**Relevance to Master Plan Update:** Within the OP there are specific policies related to some of the key recreation facilities. These include Memorial Centre, which is to be developed to respect the site development principles (green, connected, diverse, flexible, balanced, affordable, and accessible), and Lake Ontario Park, as one of Kingston’s primary waterfront open spaces. These policies will be incorporated as part of the Master Plan Update.

### **Kingston Culture Plan (2010)**

The Kingston Culture Plan (KCP) articulates a long-term vision for cultural vitality in Kingston, which is organized within a strategic framework consisting of three pillars – stories, places, and capacity. The KCP identifies several opportunities and specific recommendations for action (60 in total), under the three pillars.

Key recommendations that relate to parks and recreation included working collaboratively with the Recreation and Services department and other agencies to identify a suitable location for a community cultural hub pilot project (which resulted in the Rideau Heights Community Centre and Library), and that Recreation and Leisure Services include cultural activity for children and youth as a component of the Youth Strategy (now completed).

The Culture department is planning to update the Culture Plan in the near term.

**Relevance to Master Plan Update:** The departments worked together on the development of the Rideau Heights Community Centre and Library with the Culture department often programming the large hall, which has a sprung floor and a separate HVAC system for indigenous smudging ceremonies.

### **Public Art Master Plan (2014)**

Kingston’s Public Art Master plan provides a “vision for how public art can enhance public places, architecture and landscapes” and a framework to guide actions related to public art to 2019.

The Plan identifies that public art be incorporated into a variety of renewal, redevelopment, and new development projects, providing suggestions for art opportunities and budget ranges. This includes park renewal and redevelopment, facility renovation, additions, and new builds as well as major infrastructure projects (such as the third crossing, which is currently in the design stage).

**Relevance to Master Plan Update:** This plan is currently being rolled out. Working with other departments to integrate public art into infrastructure, whether it be recreation, roads, or otherwise, is important from the initial stages.

### **Age Friendly Plan (2012)**

The City’s Age Friendly Initiative applies the World Health Organization’s (WHO) research model, which came out of the WHO’s Age Friendly Cities project to identify key aspects of an age-friendly



city and develop a practical guide to make communities more age friendly across the developed world.

The plan identifies 58 specific recommendations focused on municipal programs, services and infrastructure, and potential partnerships with local businesses and community organizations. Those that related to parks and recreation facilities and services include expanding the availability of recreational and social activities for older adults across the community at multiple sites; develop recreational, educational, and cultural programs that respond to the needs and interests of older adults; and collaborate with the Seniors Association and others to coordinate and promote programming and activities for older adults.

**Relevance to Master Plan Update:** Consideration for those recommendations related to parks and recreation facilities and services will be important going forward. Rideau Heights Community Centre integrates a Seniors Centre component with both active and passive programming opportunities.

### **Active Living Charter**

The Kingston Coalition for Active Transportation, in connection with the City, developed an Active Living Charter for the city, identifying that Kingston supports active living through effective policies that direct mindful decision making, community designs that include public green space, infrastructure (i.e. reliable and safe travel routes, recreation centres), equipment (i.e. bike parking, playgrounds), community recreation programming to encourage a healthy lifestyle, education and awareness to promote activity, and working together to promote the city as an active community.

**Relevance to Master Plan Update:** Ensuring that active living opportunities within Kingston are accessible (without physical and social barriers) and affordable was an important outcome of the charter.

### **Kingston Youth Strategy (Y2K Kingston) (2012)**

The key focus of the youth strategy is to promote diversity and tolerance and provide inclusive programs and services for all young people. The Strategy is structured on four strategic priorities: voice, communication, collaboration, and decision making.

As it relates to parks and recreation facilities and services, several actions are identified under 3 distinct pillars:

- **Programs and Opportunities:** Includes providing programs that are of interest to youth, improving program accessibility for youth, and enhancing awareness of programs through a centralized channel of communication.
- **Health and Wellness:** Includes expanding access to healthy food / nutrition programs, improving access to affordable physical recreation, and improving program accessibility for youth with special needs.
- **Environment and Spaces:** Includes increasing the number of youth-friendly hangouts within the city.

**Relevance to Master Plan Update:** Youth were involved in the consultation for Rideau Heights Community Centre, which has drop-in youth facilities. Youth identified interests focused on DJing, graffiti art, among others.

#### **City of Kingston Facility Accessibility Design Standards (2009)**

The Facility Accessibility Design Standards (FADS) requires city owned and leased (city occupied) new or renovated spaces to meet universal design standards where possible. It reflects the minimum dimensions required for adult persons within indoor and outdoor spaces and facilities. This standard is identified within the Multi-Year Accessibility Plan in conjunction with the commitment to prioritize accessibility in every element of the infrastructure projects at city owned facilities and properties.

**Relevance to Master Plan Update:** Consideration for and prioritization of accessibility in all aspects of recreation facilities, parks and open spaces will be important in the Master Plan Update.

#### **Walk 'n' Roll - Active Transportation Master Plan (Draft, March 2018)**

Walk 'n' Roll provides a clear vision for active transportation in Kingston: "Kingston will be a city that embraces active modes of transportation where residents and visitors can walk, cycle and wheel using a network of accessible, safe, connected and well-maintained trails, bicycle lanes, sidewalks and pathways which will lead to 20% of all travel occurring via active modes of transportation." An important target identified within the vision is increasing the number of people who are engaging in active modes of travel to achieve a 20% active transportation mode share by 2034. The city currently has a mode share of 11.7%.

The Active Transportation Master Plan (ATMP) is based on six important principles – safety, connectivity, equity, equality, accessibility, and promotion.

The ATMP focuses on the city-wide active transportation network including spine routes that provide direct connections through the city. Thirteen (13) smaller areas, or Transportation Focus Areas, are also identified which are intended for more detailed analysis in the future.

The plan also identifies key focus areas for cycling and pedestrian enhancements. These include neighbourhoods, important hubs (i.e., Kingston Bus Terminal, downtown, malls), and open spaces (i.e., Conservation Areas).

**Relevance to Master Plan Update:** Relevant action items identified within the plan include providing end-of-trip facilities, such as secure bike parking at key locations e.g., City buildings, community centres, etc., and leveraging available monies through Ontario's Climate Change Action Plan to fund and implement these facilities, as well as implementing physical changes to facilitate active transportation, such as bike repair stations.

#### **Waterfront Master Plan (2016)**

Kingston's Waterfront Master Plan provides guidance for improvements to existing waterfront parks, pathways and lands and identifies improvements to connections and access to waterfront lands, including lands not easily accessed by the public, for the next 30 years and beyond. The

Waterfront Master Plan identifies a fully connected public waterfront pathway system, including improved parks and open spaces / public recreational destination waterfront nodes. The Plan encompasses the shoreline area of Lake Ontario from Collins Bay (western limit of city), Little Cataraqui Creek, Great Cataraqui River and St. Lawrence River.

The Waterfront Master Plan identifies those land parcels that are already in City ownership, as well as those parcels where public access is required for the city to achieve a fully connected public waterfront system. In some instances, the master plan recommends acquisition by the City and/or access improvements to other publicly significant waterfront lands and those with unique features.

**Relevance to Master Plan Update:** In relation to parks and recreation, the integration of any newly acquired waterfront lands into the overall parkland supply for the City is crucial, in conjunction with other factors, to determine the future parkland needs for the City.

### **Portsmouth Visioning (2017)**

A community visioning exercise was undertaken through joint efforts by the City of Kingston and Canada Lands Company for the redevelopment of the former Kingston Penitentiary and Portsmouth Olympic Harbour. The vision is centered on six (6) “big moves”: Public Access and Connectivity; Heritage and Culture; Water Recreation and Boaters; Destination; New Neighbourhood; and Viable.

The vision for those lands currently owned by the City of Kingston include a new community hub / marina and sailing centre (with residential above) community green space and a gateway space along King Street. New docks at the Portsmouth Olympic Harbour Marina (currently owned by Fisheries and Oceans Canada (DFO) and leased by the City) and a continuous public space / access route along the entire length of the water’s edge within this area are also envisioned.

**Relevance to Master Plan Update:** The vision for Portsmouth will be considered within the Master Plan Update. The City currently leases the marina lands (docks) from DFO and it is understood that they are planning to acquire the lands within the next five (5) years.

### **Parks Asset Management Plan (2009)**

The Asset Management Plan for Parks is intended to provide an understanding of the current state of City-owned park assets, develop an initial approach to long-range decision-making for the parks portfolio, and determine immediate priorities. The plan indicated that the parks portfolio had a total replacement value of \$73.2 million (2009 dollars), with active recreation facilities (sports fields, playground equipment, etc.) accounting for 39% of this figure. The plan also identifies that a large percentage of the City’s park assets are in the latter stages of lifecycle (i.e., with 80% or more life consumed).

The Asset Management Plan was intended to become a “living document” that will be updated and continually refined as part of the ongoing asset management and business planning processes within the City.

**Relevance to Master Plan Update:** The Asset Management Plan has not been updated since 2009. The Master Plan Update will address the need for continual asset management planning for parks facilities, in a similar manner that occurs for indoor facilities.

#### **Urban Forest Management Plan (2011)**

The Plan establishes guidelines and actions for the long-term preservation and enhancement of its City-owned urban forest, through sustainable practices, a focal point for the City's Strategic Plan. The Plan indicated that a tree inventory was completed in 1999 identifying a total of 24,857 trees, but the plan estimates that there are at least 28,000 trees within the City's inventory. The City's forest cover at the time of the plan was 20% within the urban area or 28% forest cover for the entire city (not counting street trees).

The 25-year management plan for the urban forest identifies 7 key goals which are grouped into two major categories - sustainable urban forest management and community stewardship. The overarching vision reads: "Kingston's urban forest will be healthy and diverse, working as a fully functioning green infrastructure that is recognized, celebrated and cared for by all residents as a necessary component of the City's urban area".

**Relevance to Master Plan Update:** Since the 2010 Plan, Low Impact Development (LID) measures have been implemented in some parks. This innovative stormwater management approach has numerous benefits, including increasing the urban forest.

#### **Sustainable Turf Care Management Plan (2012)**

The Sustainable Turf Care Management Plan (STCMP) provides the City with key recommendations and action items for the sustainable maintenance of turf and open space within existing and future City parks. The central aim of the plan is to increase biodiversity and improve environmental health while balancing the needs of the public, promoting healthy lifestyles, and economic impacts of on-going park maintenance.

The recommendations demonstrate specific ways to achieve sustainable turf management and a naturalization policy, and are split into general recommendations and actions, those related to sports fields, and those related to parks and open space.

Through the consultation process undertaken for the STCMP it was acknowledged that there is a perceived lack of full-size fields (65m by 105m) and washroom facilities at sports fields within the city, and that sports fields could use improvements or upgrades.

**Relevance to Master Plan Update:** Engagement with user groups for the Master Plan Update provides current information and insight on user groups' existing field and amenity needs.

#### **City of Kingston Development Charges Background Study and Impost Fees Study (2014)**

The purpose of Development Charges (DC) and Impost Fees are to recover capital costs associated with growth within a municipality. These capital costs are in addition to the normal costs of developing a subdivision (i.e. internal roads, sewers, watermains, roads, sidewalks, etc.). The City recovers the cost of water and wastewater services through impost fees (as per the Municipal Act

s. 391). Growth-related capital costs for all other services are recovered through development charges imposed under the Development Charges Act (DCA).

As it relates to parks and recreation, approximately \$20.6 million is identified in required parks and recreation services to accommodate growth. This includes the development of neighbourhood and community parks (totaling nearly \$10M), multi-use trails, the East End Community Centre (\$8.5M) and committed excess capacity at the INVISTA Centre (\$1.4M).

**Relevance to Master Plan Update:** Proposed projects, including the development of new parkland, multi-use trails, community centres, and upgrades to existing facilities will be considered in the development of the Master Plan Update.

### **Population, Housing and Employment Forecast Report**

The City initiated a Population, Housing and Employment Forecast Study in 2018 which included estimates for both the city and the Kingston Census Metropolitan Area (CMA). The Report was approved by Council in May 2019 and will guide city planning going forward.

**Relevance to Master Plan Update:** The estimates included within the 2019 study will be utilized as the basis for determining the population standards of provision within the Master Plan Update.

## **3.2 Municipal Investment in Facilities, Services and Programs**

The parks, recreation and open space offer in Kingston is a vital part of the quality-of-life equation in the city. The City, as a direct provider of recreation facilities, services, and programs, invests significant operating dollars in the direct delivery of these assets.

Municipal spending related to the operation and delivery of parks and recreation is spread across two departments – Recreation and Leisure Services and Public Works. The Recreation and Leisure Services division of the Community Services Department is responsible for the operation of all indoor and outdoor recreation and community facilities (i.e. arenas, pool, marinas, artificial turf sports fields, aqua park, etc.), programming, and special events; while the Public Works Department is responsible for the maintenance of parks space, natural turf sports fields, and related outdoor facilities found within parks.

### **3.2.1 Current Operating Funding**

In 2017, Kingston spent \$21.9 M<sup>7</sup> on parks and recreation programs and facilities – this translates into \$177 per capita.

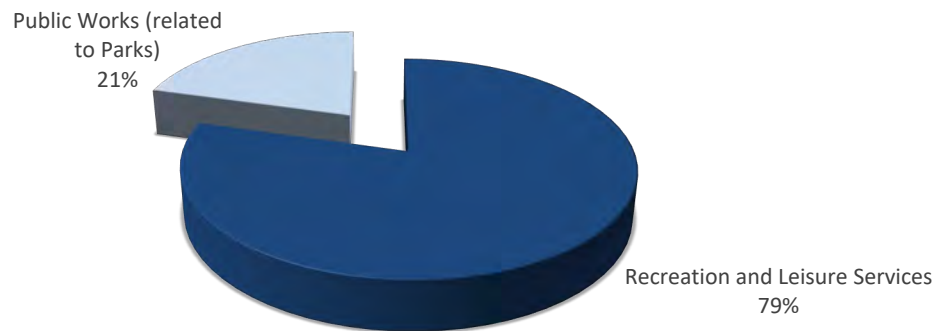
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<sup>7</sup> Includes Recreation & Leisure Services budget and Public Works budget related to parks, sports fields and facilities maintenance.

In 2018, the Recreation and Leisure Services Department’s total expense budget amounted to \$17.4 M (79%), while Public Works’ expense budget for the maintenance of parks and sports fields amounted to \$4.7 M (21%) for a total of \$22.2 M, representing a standard 1% increase from 2017.

Compared to total corporate operating expenses (\$360 M in 2017), the cost to operate and maintain parks and recreation assets represents roughly 6% of the City’s operating budget.

Exhibit 12: Parks and Recreation Operating Expenses Breakdown



Source: Sierra Planning and Management based on City of Kingston 2017 Operating Budget

### 3.2.2 Facility Operating Performance

The following provides a review of performance of select indoor and outdoor recreation facilities based on 2017 operating budgets. Parks and recreation facilities, as listed below, had a combined rate of cost recovery of 72%. Recreation and Leisure Services assumes both the direct and indirect costs for the assets listed (not including corporate overhead). The figures below include revenues and expenditures for programs that are delivered within the facility, as appropriate.

**Indoor Arena Facilities:** All indoor arena facilities operate at a deficit with an average of **-\$480,000** per annum. This equates to a deficit of **-\$4.27** per square foot of indoor arena per annum. Centre 70 has the highest cost recovery rate of all arenas - 87%.

**Aquatics Facilities:** The City’s two main aquatics facilities also operate at a deficit (typical of municipal aquatics facilities) with an average of **-\$431,700** per annum – or **-\$15.53** per square foot of aquatics facilities per annum.

**Marina Facilities:** The two City-run marina facilities have the highest cost recovery rates of all parks and recreation facilities with Confederation Basin having a positive net operating position in 2017 at 103% cost recovery.

Exhibit 13: Net Operating Income (NOI) Performance and Cost Recovery for Select Assets

| Facility  | Revenues           | Expenses            | NOI                 | Sq. Ft. | NOI / Sq. Ft. | % Cost Recovery |
|---|--------------------|---------------------|---------------------|---------|---------------|-----------------|
| INVISTA Centre                                  | \$ 2,748,922       | \$ 3,967,474        | -\$ 1,218,552       | 180,000 | \$ 6.77       | 69%             |
| Cataraqui Centre                                | \$ 704,147         | \$ 1,033,617        | -\$ 329,470         | 95,000  | \$ 3.47       | 68%             |
| Memorial Centre                                 | \$ 464,982         | \$ 777,322          | -\$ 312,341         | 62,000  | \$ 5.04       | 60%             |
| Centre 70                                       | \$ 389,795         | \$ 449,783          | -\$ 59,988          | 33,000  | \$ 1.82       | 87%             |
| Springer Market Square                          | \$ 10,232          | \$ 210,249          | -\$ 200,017         | 15,000  | \$13.33       | 5%              |
| <b>Arena Facilities Total</b>                   | <b>\$4,318,078</b> | <b>\$ 6,438,446</b> | <b>-\$2,120,368</b> |         |               | <b>67%</b>      |
| Artillery Park Aquatic Centre                   | \$ 832,632         | \$ 1,397,872        | -\$ 565,241         | 35,000  | \$16.15       | 60%             |
| Outdoor Aqua Park                               | \$ 121,295         | \$ 419,462          | -\$ 298,166         | 20,000  | \$14.91       | 29%             |
| <b>Aquatics Facilities Total</b>                | <b>\$ 953,927</b>  | <b>\$ 1,817,334</b> | <b>-\$ 863,407</b>  |         |               | <b>52%</b>      |
| Portsmouth Olympic Harbour                      | \$ 720,998         | \$ 771,742          | -\$ 50,744          | -       | -             | 93%             |
| Confederation Basin                             | \$ 712,865         | \$ 692,898          | \$ 19,967           | -       | -             | 103%            |
| <b>Marina Facilities Total</b>                  | <b>\$1,433,862</b> | <b>\$ 1,464,640</b> | <b>-\$ 30,778</b>   |         |               | <b>98%</b>      |
| <b>Artificial Turf Fields<sup>8</sup> Total</b> | <b>\$ 74,082</b>   | <b>\$ 171,702</b>   | <b>-\$ 97,620</b>   |         |               | <b>43%</b>      |

Source: Sierra Planning and Management based on City of Kingston Final Recreation and Leisure 2017 Operating Budget

### 3.2.3 Planned Projects and Initiatives

In addition to its current investment, the City of Kingston is engaged in the planning and development of new recreational infrastructure to address ongoing replacement requirements as well as new growth-related needs.

#### Kingston East Community Centre

The City is currently in the planning and design stages to develop a new community centre, the East Kingston Community Centre on Highway 15 at the existing Grenadier Park site, adjacent to La Salle Secondary school. The single-storey facility is proposed to include a gymnasium, two (2) multi-purpose rooms, fitness studio, kitchen/servery, a lounge area, a walking track and an EarlyON Child and Family Centre – which offers free drop-in programs for caregivers and children ages 6 and under.

**Current Status:** As of June 2018, a preliminary design concept, site layout and floor plans had been developed.

<sup>8</sup> Includes CaraCo Home Field and John Machin Field.



### **Rideau Heights Regeneration Strategy (2015)**

The Rideau Heights Regeneration Strategy is a plan for community renewal. The strategy proposes opportunities related to the social housing properties and municipal parkland within by the Rideau Heights neighbourhood, to better the quality of life of residents and address the existing challenges faced by the community. The strategy calls for the decommissioning and relocation of some of the rent-geared to income units, and the inclusion of market units (for purchase and for rental). Key aspects of the plan related to parkland include reconfiguration and enhancing parks and community facilities to support improved usage and sense of safety through improved sightlines and passive surveillance.

The strategy addresses the existing design limitations and safety and security concerns related to Shannon Park and Headway Park, allowing for new views into the parks from new streets and laneways and reoriented units, which will allow for improved surveillance and park animation. It should be noted that the proposed parkland (7.85 ha) does reflect a decrease in the amount of parkland within the community from the existing situation (9.3 ha).

**Current Status:** The implementation of the Regeneration Strategy has partially been completed, with the development of the Community Centre. The City is planning to re-develop / re-configure Shannon Park and Headway Park.

### **Preliminary Design for the Third Crossing of the Cataraqui River**

This project came about due to a Class EA process which determined that the LaSalle Causeway was currently operating at capacity, and that travel volumes were expected to increase based on urban growth. If left unaddressed, increasing traffic volumes would affect Highway 401 and create potential local-regional traffic conflicts.

The Final Preliminary Design Summary Report and Federal Environmental Impact Assessment was undertaken in two stages. The first stage evaluated the need for additional transportation capacity across the Cataraqui River, looking at 4 alternative scenarios, while stage 2 focused on three bridge design concepts, associated designs, costing, and the Environmental Study Report.

Specifically related to parks and recreation, the design includes a multi-use trail linkage across the bridge deck as well as extending both north and south of the bridge to improve active transportation connectivity. On-shore look-out areas and active transportation cycling provisions will also be included.

**Current Status:** Funding commitments from the Federal and Provincial governments have been secured as of February 2018. The City is now moving ahead with selection of a preferred team for project delivery.

### **Belle Park Master Plan**

The City is currently developing a Master Plan for Belle Park, an 80-acre park located on a former landfill in Kingston's core area on the Cataraqui River. In September 2017, Council directed staff to cease the operation and maintenance of the 9-hole golf course on the site and to undertake a master planning exercise through the development of a working group.



**Current Status:** As of July 2018, the working group and stakeholder focus groups are working to review the draft concepts to develop a preferred plan.

#### **Woodbine Park Master Plan**

The City recently completed a Master Planning exercise for Woodbine Park in the west end. The Master Plan identified playground relocation, interior pathway circulation, repurposing of the junior BMX facility, tree planting, site control improvements, and developing a park entrance from Princess Street. Improvements to parking and improved safety related to the park road were completed in summer of 2018.

**Current Status:** Parking and road safety improvements completed in 2018.

#### **Napier Street Parkland**

In July 2017, Council approved the closure of Napier Street between Churchill Park and the municipally owned land at the site of the former St. Joseph and St. Mary school to be developed as municipal parkland.

**Current Status:** As of July 2018, the City is seeking input on how to integrate and develop this new parkland.

#### **Francophone Secondary School Partnership**

The City recently entered into a partnership with the Le Conseil des écoles publiques de l'Est de l'Ontario (CEPEO) and the Conseil des écoles catholiques du Centre-Est (CECCE) for land sharing of a future public neighbourhood park (1.5 ha) and a new shared secondary school. The school is proposed to be in the West Village subdivision (at Taylor Kidd Boulevard and Centennial Drive) located at 700 Gardiners Road. This community hub is also planned to include a performing arts theatre through an additional partnership.

The shared use of the site is expected to result in the provision of additional resources for programming, as well as providing the public with supplementary outdoor spaces and amenities, that is beyond what would have been planned for a stand-alone neighbourhood park, however there may be restrictions on public use during school hours (negotiations are currently ongoing).

**Current Status:** As of October 2018, the project is in the conceptual design phase and the school is expected to be operational by the fall of 2020.

## 4 Trends in Recreation and Sport

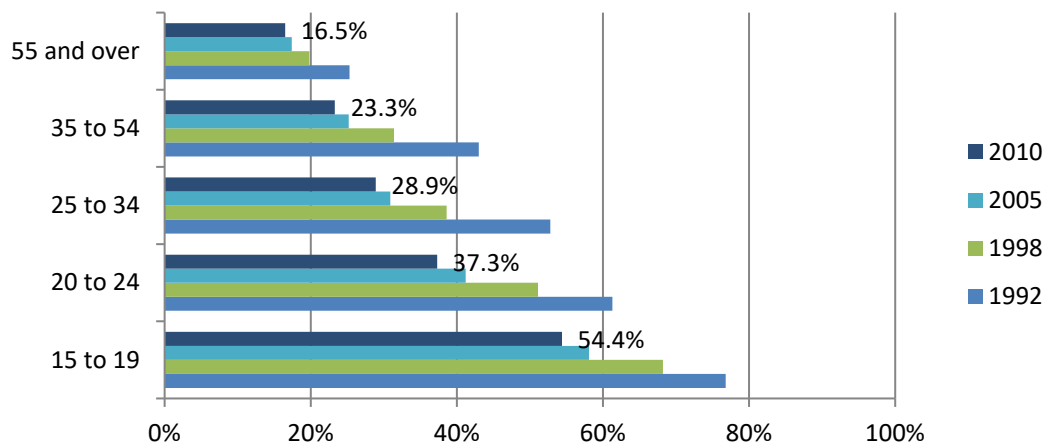
In order to plan recreation and community facilities effectively for the future, it is important to understand the demand for recreation programs, services and facilities. This section provides a high-level assessment with regards to general physical activity profiles, trends in participation at the national, provincial and local level (based on available data), and recreation industry trends. Sport-specific participation trends are provided in the appropriate areas of Sections 8 through 10 of this document.

### 4.1 National Influences on Recreation and Sport Participation

The following socio-economic factors that influence physical recreation participation have been identified by Canadian Heritage, Canadian Fitness and Lifestyle Research Institute, Statistics Canada, and the Interprovincial Sport and Recreation Council/Canadian Parks and Recreation Association:

- **Age** – Sport participation and overall active lifestyle tends to decrease with age. National and Provincial sports participation is projected to continue to decline as the population ages;

Exhibit 14: National Sport Participation by Age Groups 1992-2010



Source: Sierra Planning and Management based on Ontario Ministry of Health Promotion, Active 2010 Ontario's Sport and Physical Activity Strategy

- **Gender** – The gender gap in sport participation has increased where the gap in favour of a greater representation of male sport participation increased from 1998 (17%) to 2010 (19%);

- **Household composition** – Recent immigrants<sup>9</sup> are more likely to regularly participate in sport than immigrants who arrived prior to 1991. Furthermore, in 2010 recent immigrants reported similar levels of sport participation as Canadian-born residents;
- **Labour force status** – In 2010, students displayed the highest rate of participation in sport (46%), followed by part-time workers (31%), full-time workers (27%) and unemployed (17%);
- **Marital status** – Single adults are more likely to participate in sport as compared to married Canadians, however, married Canadians are more likely to participate in sport than widowed, divorced or separated adults;
- **Geography/place of residence** – In 2005, rural Canada experienced lower sports participation levels than more urbanized areas. Lower rural sports participation may be a result of longer travelling distances, which may limit engagement in physical activity opportunities;
- **Health challenges** – An increase in sedentary lifestyle has led to unhealthy eating practices and increases in chronic diseases such as diabetes and heart disease. Psychological barriers include depression, especially among youth;
- **Consistent Access** - Overall health improves with consistent exercise, therefore consistent access to opportunities to exercise and recreate can influence positive and active behaviours;
- **Social media** – An increase in the use of social media has limited face-to-face interactions and the opportunity to recreate;
- **Infrastructure deficits** - A lack of quality and quantity of recreation spaces hamper community access to recreation opportunities. Pace of development that impacts natural environment also reduces quality and quantity of outdoor recreation spaces in cities;
- **Access to opportunities for those with a disability** - A common barrier encountered by persons with disabilities is a relatively limited range of opportunities to participate in sport and recreation across Canada. In some cases, this may simply be that there is either no program available in their community or, it could be that local facilities are not accessible or welcoming for those with a particular disability;
- **Educational attainment** – Canadians with greater levels of educational attainment are more likely to be engaged in sport (20% for Canadians with some college, trade or high school diploma vs. 30% of those with a university degree); and

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<sup>9</sup> Canadian Heritage defines 'recent immigrants' as immigrants who arrived in Canada after 1991.

- Income inequality** – In 2010, the rate of sport participation among households with incomes greater than \$80,000 (33%) was five times larger than sport participation for households with incomes of less than \$20,000 (7%). Wealthier Canadians tend to have more access to recreational opportunities.

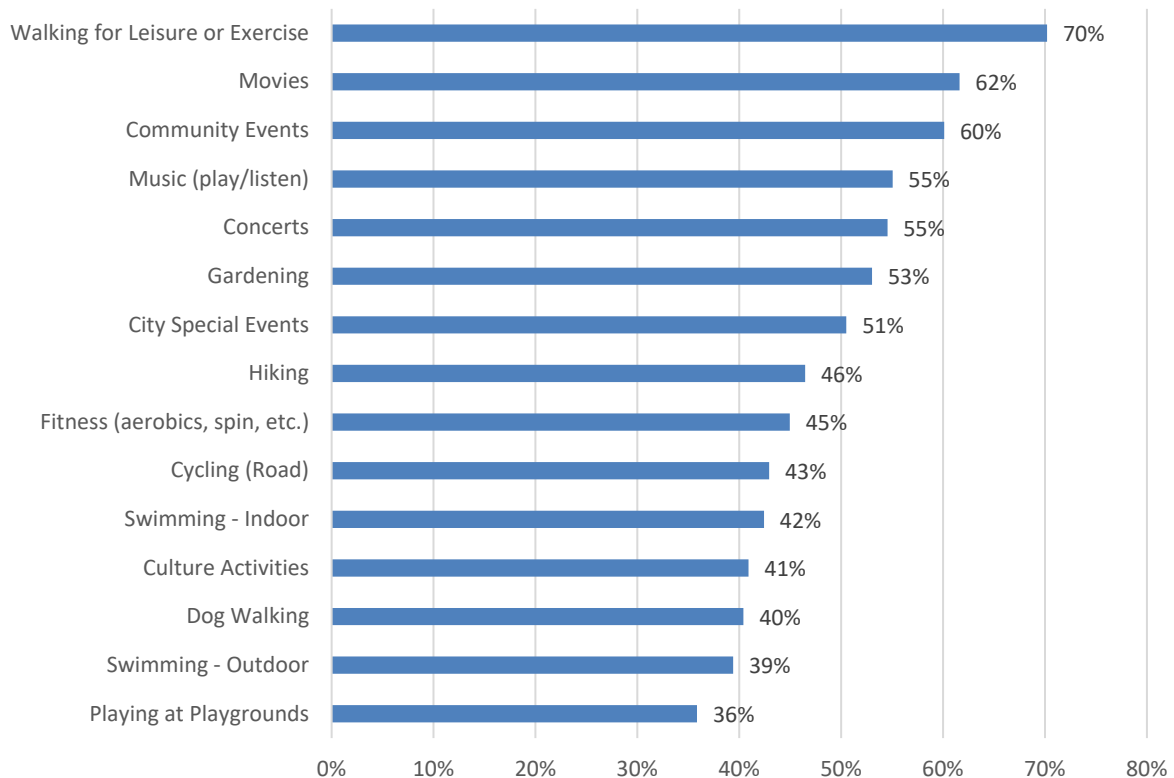
## 4.2 Local Trends in Recreation and Sport Participation

### 4.2.1 Participation in Unorganized Activities More Common

Based on public survey results, popular activities among respondents indicated that informal or unorganized leisure activities are likely the most common for Kingston residents. These include Walking (70%), taking part in Community Events (60%), Gardening (53%), Hiking (46%), and Cycling (43%). Also, of note, 42% reported swimming as an activity they participated in over the past year.

With respect to activities that may reflect more organized programming options: Soccer (20%), Ice Hockey (19%), and Baseball (14%), were the most popular among survey respondents, however not among the top 15 activities participated in.

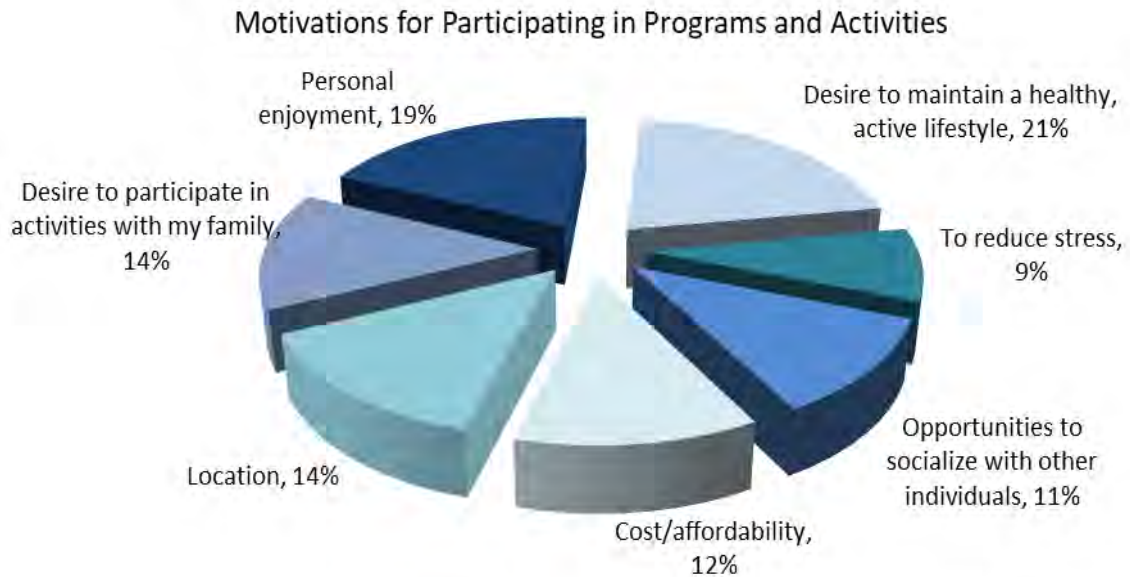
Top 15 Activities Participated In Within Past Year



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

#### 4.2.2 What Motivates People to Participate?

The motivations for participating in City or partner-run programs and activities varied among survey respondents. Maintaining a healthy and active lifestyle was the top motivator, followed by personal enjoyment, desire to participate with family and locational factors.



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

#### 4.2.3 Barriers to Participation

Approximately one-third of survey respondents indicated that they faced barriers which limited their participation in recreation and leisure programming in Kingston (City-run or otherwise). The most common barriers identified was that the cost of participating in programs was too expensive (19%) and that programming was not offered in a convenient location (19%). This was followed by the times that the programs are offered not being convenient (14%). Additional details provided by respondents identified the following further barriers, among others:

- Access - parking (at Artillery Park in particular) and transportation/transit.
- Age – lack of programs offered for youth / teens that are of interest.
- Health – unable to get out and participate.

These are in line with the influences on participation reported across the province.

### 4.3 Recreation as a Driver for Tourism

The City of Kingston represents the largest municipality – in terms of population (20% of Regional total), commerce, industry, and services – within its Regional Tourism Organization – the South East Region or RTO#9. As such, the city functions as a regional service and tourism centre. The tourism market in the Region is largely driven by inter-Ontario travel (87% of person trips originated from within Ontario). Total visitation for the entire Region accounted for just over \$800 million in visitor spending in 2016<sup>10</sup>.

Exhibit 15: Person Visits to South East Ontario Region based on Visitor Origin (2016)

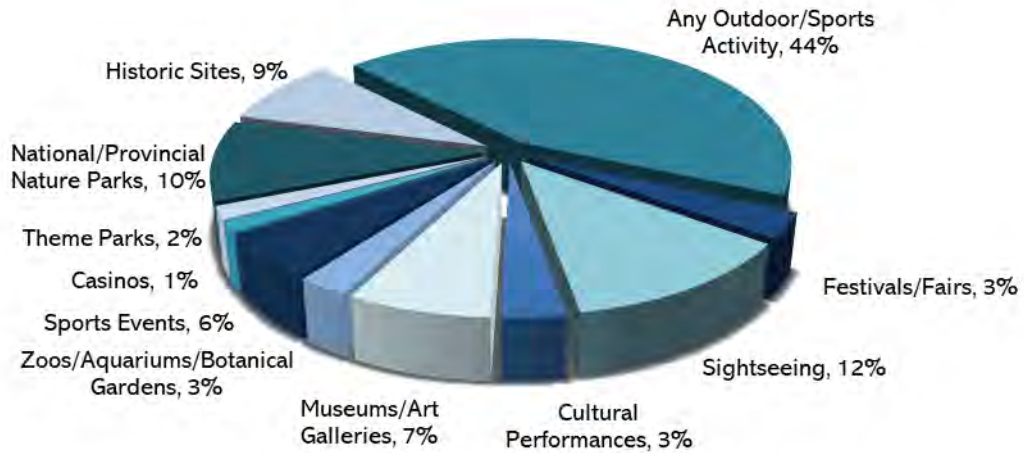


Source: Sierra Planning and Management based on Ontario Ministry of Tourism, Culture and Sport Visitors to Region 9 data (2016)

Popular activities among visitors were largely outdoor and sporting activities, followed by visits to national / provincial nature parks and historic sites. In 2016, traditional recreation and sport activities brought in nearly \$2 million in tourism receipts to the Region, exclusive of other 'spin-off' expenses on other leisure activities, food and beverage, accommodations, and retail. 42% of the visitors to the South East Region stay at least one night.

<sup>10</sup> RTO 9 Visitor Profile, Ontario Ministry of Tourism, Culture and Sport, 2016.

Exhibit 16: 2016 Visitation to South East Ontario Region (RTO9): Visitor Participation in Activities in the Region



Source: Sierra Planning and Management based on Ontario Ministry of Tourism, Culture and Sport Visitors to Region 9 data (2016)

Special events, whether sporting events (6%) or festivals and fairs (3%), account for 9% of the activities participated in (person visits) within the Region. Of the 138,700 person visits participating in festivals / fairs, 61% (85,000 person visits) originate from within Ontario, compared to 85% (199,700 person visits) of those attending sports events (total of 234,700 person visits). Interestingly, a much larger share of those attending festivals and fairs originate from overseas (34%, or 46,900 person visits), compared to those attending sports events (10%, or 23,100 person visits).

**The Growing Popularity of Festivals, Fairs and Special Events**

Kingston’s unique heritage and culture, waterfront location, diversity of population, coupled with its historical landmarks lends itself to hosting a wide variety of special events, festivals, and celebrations throughout the year.

The South East Region (RTO#9) identifies the Entertainment, Heritage and Culture sector (includes special events and festivals) as one of its top three market sectors, along with Food and Drink, and Outdoor Activities.

At present, music festivals and concerts are on the rise with new ones being developed constantly. These types of festivals and events, which generally draw the 18-30 age group, are often motivators for travelers to visit cities they may not have otherwise.

According to Statistics Canada, Festivals and Celebrations in Ontario was valued at over \$50 million (GDP) in 2016. This figure has increased over the past five years, with increased interest by consumers. Ontario’s share of the GDP for Festivals and Celebrations accounts for approximately one-third of Canada’s total consistently across the five-year period.

Exhibit 17: Gross Domestic Product (GDP) Value of Festivals and Celebrations in Ontario and Canada (000's)

|                   | 2012      | 2013      | 2014      | 2015      | 2016      |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| Ontario           | \$42,884  | \$44,891  | \$47,497  | \$52,237  | \$50,634  |
| Canada            | \$132,215 | \$136,105 | \$142,702 | \$151,108 | \$152,363 |
| Ontario Share (%) | 32%       | 33%       | 33%       | 35%       | 33%       |

Source: Statistics Canada. Table 36-10-0452-01 Culture and sport indicators by domain and sub-domain, by province and territory, product perspective (x 1,000)

Festivals and Events Ontario identified Kingston’s Sheep Dog Trails Festival among the Top 100 events in Ontario for 2019. This is just one of the many special events, festivals, and celebrations that the City hosts on an annual basis (see Section 5.5 for additional details).

### A Shifting Focus on Sports Tourism

Many communities across Canada and Ontario are realizing the potential economic impacts that the sport tourism industry can bring, and Kingston is no exception. Tourism Kingston’s objective for sport tourism is to “position Kingston as the premier host of events in Ontario and Canada which supports the development of sport tourism”<sup>11</sup>. Kingston has consistently been recognized as a ‘Top Sports City’, and in 2019 ranks 3<sup>rd</sup> in Ontario and 12<sup>th</sup> in Canada on the Global Sport Impact (GSI) Canada Index<sup>12</sup>.

The Canadian Sport Tourism Alliance (CSTA) considers sport events to be the “greatest underleveraged assets within the Canadian tourism industry”<sup>13</sup>. The Canadian sport tourism industry has grown to over \$6.5 billion in spending in 2015, a 13% increase in visitor spending over the 2014 total (\$5.8 billion)<sup>14</sup> based on custom data from the Travel Survey of Residents of Canada and the International Travel Survey.

Observed trends within the national sport tourism industry include:

- Team sport competitions such as soccer, hockey, volleyball, baseball, and basketball. Kingston recently hosted the Ontario Cup Championships U19 for Boys’ Basketball.

<sup>11</sup> Tourism Kingston. Tourism Kingston Annual Report. 2018. Retrieved from <https://issu.com/kingstoncanada>

<sup>12</sup> GSI measure the holistic impact of events and a standard to capture the narrative coming from these events.

<sup>13</sup> Canadian Sport Tourism Alliance. Sport Tourism 101. 2016. Retrieved from <http://canadiansporttourism.com>

<sup>14</sup> Canadian Sport Tourism Alliance. Sport Tourism surges past \$6.5 billion annually. March 2, 2017. Retrieved from <http://www.canadiansporttourism.com>



- Girls/women’s events: Kingston recently hosted the U Sports Women’s Hockey Championship in 2017.
- Marathons/triathlons: Kingston recently hosted the National Cross-Country Championships from 2015 to 2018.
- Masters level events: Kingston has been selected to host the Curling Canada 2020 Tim Horton’s Brier at the Leon’s Centre and hosted the Laser Masters Canadian Championship.
- Cycling events.
- Parasports (sport for people with disabilities).
- Extreme sports/X Games.

In the past, Kingston has hosted the CORK Fall Regatta and the Travelers Club Curling Championship, among other major events. Improving the promotion of Kingston as a destination for sports tourism for both indoor and outdoor sports was consistently identified during the engagement process.

Continuing and enhancing the ability to successfully host major sporting events in Kingston will require an infrastructure investment plan which recognizes the service function and potential of individual buildings and parks / outdoor amenities. The appropriateness of individual facilities for event hosting – for example, smaller community assets are useful for events and activities that cater to the local market, whereas others offer greater potential for large-scale event and tournament hosting. Investment, which will be prioritized within the Master Plan, will need to occur at all levels as appropriate (neighbourhood, community and city-wide) to meet the mandate of the City and vision for the community in the future.

#### 4.4 Indoor Recreation Infrastructure Trends

In 2009, the Canadian and Ontario governments launched the Recreational Infrastructure Canada (RIInC) Program and the Ontario Recreation Program (Ontario REC), in recognition of the need to upgrade and improve recreational infrastructure. Through the Economic Action Plan (2009), the Government of Canada has committed \$500 million over two years for upgrading and renewing recreational facilities - \$195 million was allocated for Ontario. Since then, the governments of Canada and Ontario have invested in more than 750 recreational infrastructure projects.

According to a 2010 Parks and Recreation Ontario report<sup>15</sup> well designed and functioning recreation and sport facilities, trails and parks is key to creating and maintaining healthy communities. Many Ontario recreation infrastructure<sup>16</sup> assets are in a state of decline, as most

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<sup>15</sup> Parks and Recreation Ontario, Investing in Healthy and Active Ontarians through Recreation and Parks Infrastructure (2007)

<sup>16</sup> Parks and Recreation Ontario defines recreation infrastructure as “indoor and outdoor places and facilities that offer specific health, social, environmental and economic benefits to the individuals and communities in which they live”. Examples of indoor recreation infrastructure include arenas, community centres and indoor pools. Examples of outdoor recreation infrastructure include parks, trails and outdoor pools.

publicly owned facilities were built between 1956 and 1980. According to Parks and Recreation Ontario's Major Municipal Sport and Recreation Facility Inventory, all communities throughout Ontario will be required to upgrade or replace up to 55% of their community centres in the near future.

Key trends that have emerged in the development of indoor recreation facilities include:

- **Multi-usage** –Increasing focus on creating flexible multi-use “destination” facilities as recreation, entertainment and family centres and community hubs;
- **Sport tourism** – Throughout Canada, sport tourism represents a growing market and providing facilities to accommodate this is an important consideration;
- **Multi-pad arena development** – 2 and 4 pad arenas provide desirable sites for tournaments and events;
- **Aquatics** – Emerging aquatic facility designs (fitness and leisure swimming, therapeutic programs for seniors, and splash pads/water parks for children);
- **Sustainability** – Increasing focus on the overall sustainability of a facility (e.g., net zero/carbon neutral) overachieving a specific certification program status (e.g., LEED). Key considerations include building orientation, massing, and envelope; and
- **Accessibility** – Improving accessibility for people with disabilities due to the passing of the Accessibility for Ontarians with Disabilities Act (2001) where municipalities are required to improve opportunities for participation for people with disabilities through the removal of barriers.

## Exhibit 18: Recreation Infrastructure Best Practice

**1. Meadowvale Community Centre, Mississauga, ON****Trends:**

- Multi-Usage: Co-located facilities / recreation hub
- Aquatics Facilities
- Sustainability

**Features:**

- Aquatics Centre with 25 m, 6 lane pool, therapy pool, accessible ramp
- Fitness Centre and walking track
- Indoor sport courts
- Double gym
- Rental spaces for meetings and events
- Library Branch with outdoor reading terrace
- Exterior amenities include basketball court, outdoor games tables, spray pad, seasonal washrooms, trails and fitness stations
- LEED Silver Certified building design

**Imagery:**

## 2. Oak Ridges Community Centre, Richmond Hill, ON

### Trends:

- Multi-Usage: Co-located facilities / recreation hub
- Aquatics Facilities
- Sustainability

### Features:

- Aquatics Centre with a 25 m, 6 lane pool, waterslide, and beach-entry teaching tank
- Fitness studios
- Double gym
- Full kitchen
- General program rooms
- Older adult and youth room
- Flex spaces
- Oak Ridges Moraine Eco Centre
- LEED Silver Certified building design

### Imagery:





### 3. Komoka Wellness and Recreation Centre, Middlesex County, ON

#### Trends:

- Multi-Usage: Co-located facilities / recreation hub
- Sport Tourism: Melding competitive and community needs
- Multi-pad arena development

#### Features:

- Twin NHL-Size Pad Arena (750 and 250 seat capacity) with six change rooms each;
- 4,000 square foot Fitness Centre;
- Indoor walking track;
- Double gym (operated by the YMCA of Western Ontario);
- 7,000 square foot Branch Library for Middlesex County;
- Activity and multi-purpose rooms;
- Office facilities including main location for Community Services Department.

#### Imagery:



## 4.5 Parkland Planning, Design and Development Trends

While each municipality sets its own goals and priorities in the development of its parkland system, common trends that can have an impact on the development / redevelopment of parks, trails, and other outdoor facilities include demographic changes (e.g., aging communities and rising senior needs for passive pursuits), participation trends in traditional field sports, active transportation, and active living, and linking recreation and leisure services to resident's quality of life.

Identified below are key design trends and best practices that can influence the planning and development of parks in the future, as related to accessibility standards, safety, sustainability, connectivity, flexible and multi-use spaces, use of native plantings, etc.

### **Multi-Use for Multiple Audiences**

Parks and green spaces that tend to have the most influence in encouraging residents to participate in outdoor recreation and leisure pursuits, are those that provide a range of amenities that facilitate a broad variety of activities. As an example, well designed neighbourhood parks may include a playground, walking track, benches, and playing field. Dependent on the availability and condition of the land, the park may also include a naturalized area. This type of park functions to provide residents of all ages with a variety of opportunities for outdoor recreation.

Creating spaces that are flexible enough to enable a variety of events and activities by a variety of ages speaks to the "8 to 80" movement, which focuses on designing spaces where everything in the space is functional for both an 8-year-old and an 80-year-old, therefore it will be usable by all. For example, rather than having formal sports facilities in smaller local parks, providing an open grass space for unstructured play may be better used by a wider range of people. This flexibility also speaks to the growing diversity of populations and communities with a growing demand for "un-programmed" field space and facilities that can be used for a variety of sports, recreational activities, events, festivals, etc.

### **Inclusiveness and Accessibility**

As mentioned in Section 3.1 of this report, the AODA requirements for the built environment per the Act, which is complementary to the City's Facility Accessibility Design Standards (FADS), have been articulated within the Design of Public Spaces Standard. Accessibility requirements under the Design of Public Spaces Standard apply to new construction and the redevelopment of elements in public spaces, including parks, trails, and other public amenities. Design Standards for Public Spaces encompasses recreational trails and beach access routes, outdoor public use eating areas, outdoor play spaces, exterior paths of travel (e.g., sidewalks), accessible parking, and maintenance.

Ensuring that all park amenities, including play facilities, are welcoming and easily navigable for all ages and abilities is an important consideration. It is important to consider not only mobility devices, but those with cognitive and other issues (i.e., autism, sensory disorders, visual and hearing impairments, etc.). Many park designers are striving to include all types of ages and abilities within the same play / park space by designing amenities that can be used in a multitude of ways.

Exhibit 19: Inclusiveness and Accessibility Best Practice

**1. Creditview Activity Hub, Brampton, ON**

**Features:**

- Fully inclusive, accessible and AODA compliant
- Basketball court
- Bounce wall
- Swings for all ages / abilities
- Splash pad
- Play structure
- Sand tables



**2. Neshama Playground at Oriole Park, Toronto, ON**

**Features:**

- Built on a “zero rejection policy”
- Water play area
- Bounce pad
- Enclosed merry-go-round
- Musical elements
- Braille panels
- Sign language diagrams



**Safety and Security**

Many communities have developed detailed CPTED manuals which typically detail strategies and guidelines for the design, development and management of a variety of urban environments (i.e. neighbourhoods, streets, buildings, parking areas) as well as site-specific guidelines for such amenities as playgrounds, skateparks, public washrooms, and natural areas, to name a few. Relevant examples of communities who have developed a CPTED-specific manual include Region of Peel, City of Abbotsford, City of Ottawa, and City of Kitchener (incorporated into their Urban Design Manual).

## Parks as Green Infrastructure

As environmental awareness is ever increasing, and communities are demanding healthy environments, green roofs, bioswales in road rights-of-way, engineered tree pits, and other Low Impact Development (LID)<sup>17</sup> initiatives are being implemented in many municipalities across North America. This contributes to the natural system and sustainable management of stormwater runoff, with the emphasis of LID being on mitigating the impacts of increased runoff and stormwater pollution on-site through the implementation of runoff prevention strategies, runoff mitigation strategies, and treatment controls to remove pollutants.

LID measures implemented within parks often include permeable paving in parking areas, structural soil cells, bioswales and pond systems, and rainwater harvesting system for irrigation, among others. Incorporating these high functioning landscapes, which are focused on water, ecology, and air quality, is becoming common in the design and development of parks. Additionally, there are opportunities to integrate these features with elements of play or education and learning as appropriate.

## Nature-Based Play

Natural play elements are increasingly becoming more prominent in playground planning. Many benefits of connecting children with nature have been documented, including that a child's social, psychological, academic, and physical health is positively affected when they have frequent contact with nature. Mixing elements of the natural environment with the built environment only enhances the play experience and often see the highest use. One of the main things that natural play environments combat is static play elements or park designs that children may get bored with quickly. Incorporating natural elements with play places supports higher levels of play through repeated use and can help to encourage children to get outside and explore. Examples can be found across Canada, and include:

### Exhibit 20: Nature-Based Playground Best Practice

#### 1. Exhibition Park, Guelph, ON

##### Features:

- Wood beams create a variety of playground features / challenges
- Sand play area
- Water pump



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<sup>17</sup> LID is a planning and engineering design approach to manage stormwater runoff as part of an environmental infrastructure system.



## 2. Highland Park, Salisbury, NB

### Features:

- Log climbing areas
- Swinging rope
- Chalk board
- Story circle spot
- Sand box



## 3. Assiniboine Park, Winnipeg, MB

### Features:

- Sand and water play area
- Crow's nest
- Willow tree tunnels
- Rubber mounds
- Hillside slides
- Net bridges
- Children's garden



## 4. Wayne Gretzky Sports Centre, Brantford, ON

### Features:

- Furniture crafted from local logs
- Sand and water play areas
- Climbing structures



## Outdoor Fitness Equipment

There is a trend in many communities to design parks and their amenities that appeal to older adults. The outdoor gym trend is one of these amenities, often including various mechanical devices ranging from simple sit-up stations to rowing machines, elliptical trainers, and leg presses. Signs indicate that the devices are intended for people aged 12 and older, however, in public parks there is no control over the age or skill level of users, and there is no supervision. The equipment does have moving parts and is subject to often harsh winter conditions. Therefore, safety is often a consideration for municipalities, however the benefits to residents often outweigh these concerns.

Exhibit 21: Outdoor Fitness Equipment Best Practice

**1. Beavermead Park, Peterborough, ON**

**Features:**

- LifeTrail Advanced Wellness Stations (specially designed for those over 50 years of age)
- Stretching stations
- Cycle stations



**2. Riverdale Park, Toronto, ON**

**Features:**

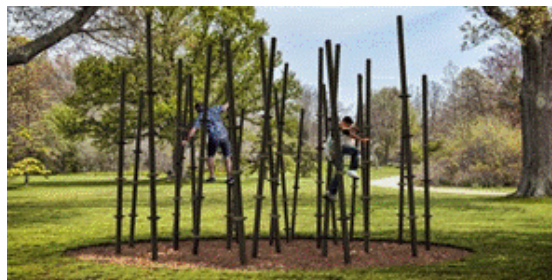
- Body weight exercise equipment (chin-up bars, climbing rig, etc.)



**3. Bandes riveraines de l'Ancien-Canal-de-Beauharnois, Salaberry-de-Valleyfield, QC**

**Features:**

- Bamboo climbing structures



**Maintenance and Sustainability**

Many municipalities are facing strained budgets when it comes to the maintenance and operation of public spaces, as new parks and facilities are acquired through the development process. To reduce the maintenance and operational requirements for parkland and park amenities, park development and renewal in the future municipal governments are now contemplating sustainability practices, specifically related to:

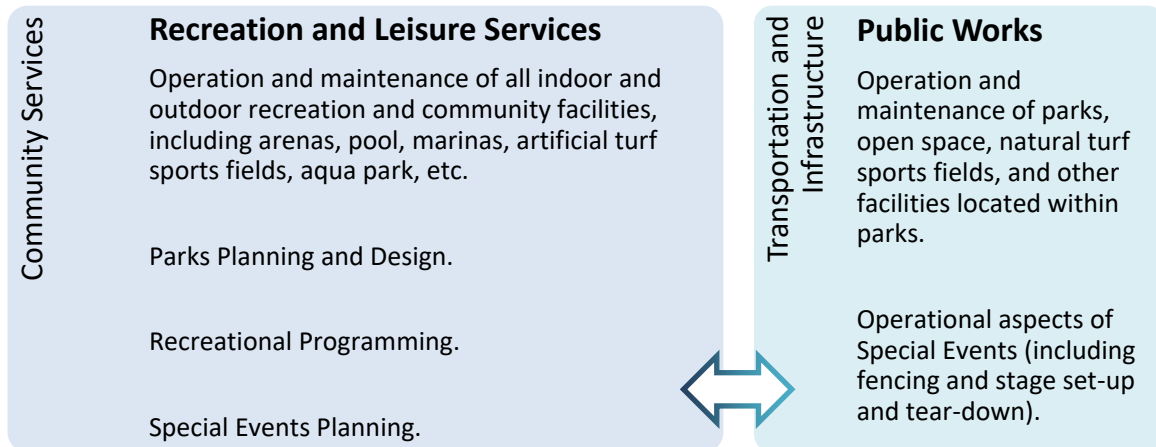
- Designs that encourage sustainable maintenance practices; (e.g., xeriscapes, naturalized landscapes, etc.);
- Incorporating native, drought-resistant vegetation features; and
- Utilizing durable materials and infrastructure (i.e., furniture, play equipment, etc.).

## 5 Service Delivery

### 5.1 Current Model of Recreation Delivery

The City currently employs an Integrated Service Delivery Model, whereby two departments work together to effectively deliver parks and recreational facilities, services, and programs. As identified in Section 3.2, the delivery of these facilities, services and programs are split between two departments:

Exhibit 22: Current Service Delivery Model for Recreation and Parks



Coordinated efforts and collaboration between the departments, in conjunction with public engagement, enables agreement on priorities and preferred solutions to be established and jointly carried out, as appropriate.

Discussions with City staff identified pressures regarding internal organizational capacity for front-line operational areas where future expansion of recreational and leisure facilities and parks will be required to meet anticipated residential growth.

#### 5.1.1 Operations and Maintenance

Investments in the development and renewal of parks needs to be matched with corresponding parks operations and service delivery resource requirements. Ongoing parks management needs will continue to change and grow with the continued expansion and diversification of parks and facilities related to staffing and resourcing, operations and administration of park policies, by-laws, bookings, budgets, and other aspects. To create long-term sustainability, there is a need for increased emphasis on opportunities for operational savings and efficiencies in new capital projects and allocation of sufficient operational resources to address ongoing maintenance as well as lifecycle needs. In this regard, the Parks Development Division (who develop the designs of parks), will need to work closely with the Public Works Department who maintain and operate the parks and associated amenities once implemented.

### 5.1.2 Asset Management

Adequate resourcing for effective asset management of parks also requires keeping current and accurate information. The City's existing asset management plan is now outdated (completed in 2009) and does not capture the full suite of park amenities (i.e., playgrounds, benches, pathways, lighting, etc.). Ontario Regulation 588/17 identifies that all non-core assets must be included in asset management planning by July 1, 2023. Integration of these elements into the asset management equation will likely have a significant impact on future planning, as many of these costs are not currently part of the budgeting process. Pathways, replacement sports and pathway lights and park buildings/structures are high risk items with significant costs that will need to be identified. As part of future asset management, adjustments to the service level (i.e., the provision of amenities) will determine the required lifecycle costs.

Parks Inventory Databases are developed and maintained as a resource to review and plan for future parks and facilities management and operational resource needs, lifecycle replacement and renewal requirements, maintenance schedules and protocols, and related administrative functions, and to identify potential efficiencies in service delivery.

Reporting on the status of the parks inventory and specific park assets, usage, and their maintenance costs should be documented and reviewed annually to assist in budgeting and decision-making. Ideally, asset management would translate into an annual capital spend rate on life cycle per year over the course of the plan. This would need to be an integrated tool accessible and usable by both the Recreation & Leisure and Public Works Departments.

## 5.2 Supporting Partnerships

In general, local user groups which include sport leagues, teams, and activity groups, continue to play a key role in the local recreation delivery system. Where feasible and appropriate, the Recreation and Leisure Services Department has developed partnerships with individual community partners to provide services to residents.

The City's Recreation and Leisure Services Department partners with the "Kingston Gets Active" Initiative, an advocacy group who "encourages the City to continue to work with community partners (including but not limited to those listed below) to encourage participation in and reduce barriers to physical activity for all Kingston Residents." This is done through a variety of means including support of the Grade 5 and 9 ActivPass program and Kingston Gets Active Months, among others.

Within the city there are several important community partners relating to both indoor and outdoor recreational facilities including but not limited to:

- Boys and Girls Club - who provide City-run programming within their facilities;

- Rotary and Lions Clubs, etc. - who lend volunteer hours and fundraising dollars or to provide support for programming and capital development for recreation-related activities and facilities;
- KFLA Public Health – who offer free indoor walking programs within City-run facilities (INVISTA Centre, RHCC, and Memorial Centre) and cooking for healthy eating programs utilizing the community kitchen at RHCC. They also work with the City to cross-promote (i.e., City will promote public health initiatives in the Recreation and Leisure Guide, while KFL&A Public Health will promote City-run programs via its website and other means).
- Loving Spoonful – who provide community cooking programs at RHCC, facilitate community gardens across the city, among other initiatives with various other partners;
- Seniors Association Kingston Region – who provide programming at many City community centres (i.e., Artillery Park, INVISTA Centre, Rideau Heights Community Centre and Library), in addition to providing programming at Seniors Centre locations;
- Y2K – who partner with the City to host the annual Youth Forum, and are involved with the Mayor’s Youth Council; and
- CFB Kingston – who partners with the City on delivering community events.

### 5.3 Marketing and Communications

The City currently utilizes a variety of marketing and advertising methods to ensure that information related to its program and activity offer is available to a broad spectrum of the community. Current marketing practices employed include:

- Recreation and Leisure Guide which is published semi-annually, for the Spring and Summer session, and Fall and Winter session;
- Recreation and Leisure webpage on the City’s website;
- Social media including Facebook, Twitter and Instagram;
- Print signage and banners often located within the Community Centres;
- Electronic signage located inside and outside of municipal facilities; and
- Radio and television advertisements.

The City also produces Activity Guides on a seasonal basis that highlight some of the key happenings occurring during each season (i.e., Summer, Holiday, and Winter, etc.). The Activity Guides include information for not only recreational programs and activities but also special events, cultural activities, and other specialized information.

Additionally, the Community Services Department (Parks and Recreation Divisions) works closely with the Communications Department to promote special events, as well as engage residents through the Get Involved platform when developing new parks or redeveloping existing parks,

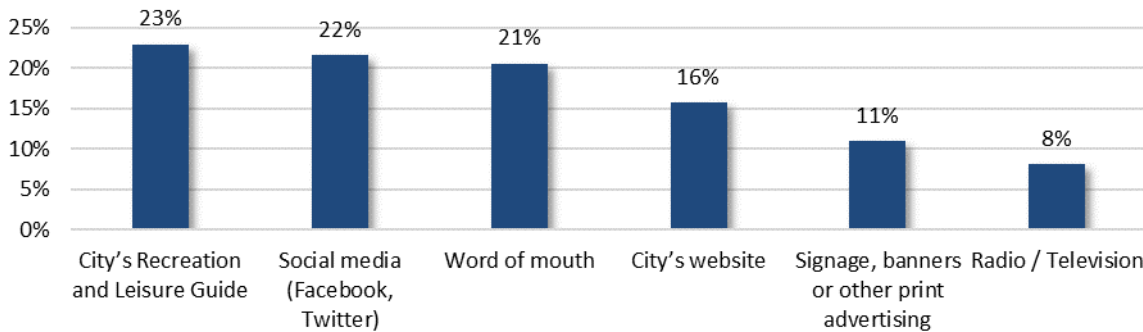


developing new recreation facilities, and other important initiatives related to parks and recreation facilities, programs, or services.

**What We Heard**

Most public survey respondents indicated that they learn about the City’s recreational program and activity offer through the City’s Recreation and Leisure Guide (23%). Social media is also a popular way to learn about activities and programs (22%) as well as word of mouth (21% of respondents).

How do you learn about the City’s recreational programs and activities?



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

**5.4 Customer Relationship Management**

CRM systems, through digital technology, puts the citizen (customer) at the centre of the customer service relationship with the municipality. This contributes to satisfying the main purpose of municipal governments including recreation services - to serve its residents.

The City of Kingston recently implemented a Customer Relationship Management (CRM) system, which will integrate with its new booking software (CityofKingston.ca/PLAY, which launched March 2019) to provide a cohesive system to create and maintain a full view of the organization. Integration with existing municipal legacy applications can serve as a valuable customer service enhancement (such as seamless integration with social media platforms and mobile devices). It can also include real-time customer-related information that both Council and staff can use for strategic decision-making and ensuring effective operations.

**Trends Impacting the Delivery of Parks and Recreation**

Key trends that have emerged in service delivery methods for recreational and sport programming include:

- **Volunteerism** – National trends show a decline in volunteerism, however those who volunteer are doing so on a more frequent basis;
- **Performance measures** – Recreation sector performance measures are increasingly shifting from outputs to outcomes (shift from output measures such as capital costs, number of registrants to outcome measures such as how the program benefited the community and health indicators);
- **Partnerships** – Communities are increasingly entering into partnership agreements with community groups and the private sector to maximize cost efficiencies; and
- **Strengthening Neighbourhoods & Creating Community Hubs** – the need to animate neighbourhoods with an increase of recreational activity, and work with local groups to determine neighbourhood needs. A community gathering space that provides a range of programming can create a greater sense of belonging, empowerment, and cohesion within diverse populations.

Status of 2010 Master Plan Recommendations: Service Excellence

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 35  | Review the policies and procedures of the Recreation & Leisure Services Department to ensure their relevancy and application to current community and operational requirements.  | Ongoing / Continuous | Policies are being reviewed on an ongoing basis as community and operational needs change.   |
| 36  | Develop a centralized audit process that articulates the legislative requirements of service delivery and tests compliance on an annual basis at a minimum.  | Pending              |  |
| 37  | Maximize the synergies within the Recreation & Leisure Services Department through joint planning, integrated delivery where possible, communications and the sharing of resources.  | Ongoing / Continuous | Monthly management team meetings and bi-weekly Departmental Scorecard meetings have been established as a practice within the department.  |
| 38  | Develop an annual leadership forum for parks and recreation that initially speaks to the corporate values and translates the values into supportive behaviours in and amongst staff groups. Subsequent forums should focus on emerging trends, promising and best practices and inspiring innovation | In Progress          | A leadership forum to discuss emerging trends under consideration. In December 2018, the Recreation Planning Team and the Event Planning Team attended forums to identify gaps in service and develop new programming and event ideas. |

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 39  | Test customer satisfaction at least every other year with a goal for a minimum of an 85% satisfaction rating in all services, a level targeted in a number of municipalities across Ontario.   | Ongoing / Continuous | The City has implemented customer satisfaction surveys and undertakes program exit surveys on an ongoing basis. In 2017, the City piloted the Happy or Not surveying tool for facilities and events.   |
| 40  | Articulate service delivery and staffing standards for all programs and services including customer service standards and post on the website to ensure transparency in the delivery of services.  | In Progress          | Customer service policies and standards have been developed and are available on the City's website.   |
| 41  | Develop a staffing plan that supports the service delivery standards and anticipates possible retirements, community growth and needed competencies / skills to address existing and emerging community issues and trends.   | Ongoing / Continuous | This is being reviewed on an ongoing basis as new facilities and amenities are developed and services changed.   |
| 42  | Review the guiding principles, policies and procedures surrounding the allocation of public spaces, parks and facilities with a view to equitable allocation.  | Ongoing / Continuous | Allocation policy for facilities and sports fields are established.  |
| 43  | Develop an annual communications and social marketing plan for parks and recreation that addresses key messages, the respective audience and appropriate communications vehicles. The plan should also look at cross promotion of key messages and information sharing opportunities with community groups and partner's communication vehicles. | Ongoing / Continuous | This has shaped the City's current marketing practices. Communications plans are continually being developed and executed collaboratively with Recreation and Leisure Managers and the Communications Department.  |
| 44  | Recreation and Leisure Services and Public Works should work collectively with the public, community user and sports groups to determine the maintenance standards of sport fields and parks and prioritizing replacement and repairs of play structures and play courts.  | In Progress          | Public Works and Recreation and Leisure staff work closely on projects, maintenance and replacements (i.e. Turf Care Management Plan established and being executed). General park maintenance standards outside of the turf standards are in development but need completing. Play structures and play court replacements |



| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
|     |  |                      | in progress. Further prioritization required.   |
| 45  | Recreation and Leisure Services should work collectively with Facilities Management to prioritize the replacement, repair and/or enhancement to municipal recreation facilities. | Ongoing / Continuous | Building Condition Assessments (BCA) have been completed for most recreation facilities. BCAs are targeted to be completed every 5 years. |

Status of 2010 Master Plan Recommendations: Maximizing Use of the Parks System

| No. | Recommendation  | Status  | Details  |
|-----|---|---------|--|
| 126 | Articulate adequate maintenance and staffing standards to support the parks inventory in Kingston and test adherence to these standards annually. | Pending | Consultation with Public Works department necessary. |

Considerations for 2021 Master Plan: Service Delivery

- Continue to work closely with the Public Works Department to implement park (re) development projects and prioritize / maintain outdoor assets throughout the city (joint Asset Management Plan to include all details of park amenities, as per O. Reg. 588/17).
- Opportunity to expand partnerships and align with like-minded organizations to continue to encourage physical activity among residents and provide opportunities for recreation within the city.
- Opportunity to partner with corporate sponsors for service delivery, facility upgrades and/or regular maintenance, as well as related to park amenity development.
- Continuous monitoring and evaluation of marketing practices and membership registration systems (PerfectMind) as part of the annual communications and social marketing plan for parks and recreation.
- Opportunity to improve the Parks and Recreation webpages to include a complete listing of parks, trails, and natural environmental lands that are available for public use.
- Discussions with user groups identified existing concerns with the City’s customer service response rate for facility information and bookings. Potential to rectify this with the new online booking software being implemented.
- Opportunity for the development of performance measures and evaluation techniques focused on outcome measures.

## 6 Municipal Programs and Special Events

The Recreation & Leisure Services Division supports the City’s Active Living Charter through several means, including the provision of community recreation programming which encourages maintaining healthy and active lifestyles in recreation facilities, parks and open space, and schools.

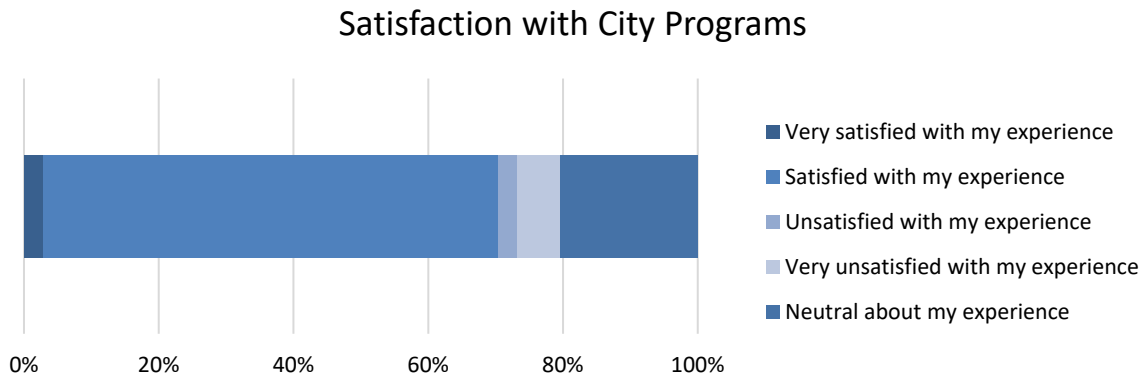
The City provides a variety of program opportunities for the community, including registered programs that are provided over a set number of weeks, drop-in programs which do not require registration, and access to fitness and other amenities via membership. Existing municipal programming areas include aquatics, skating, fitness, seasonal camps, as well as special events hosted within the Parks and Recreation Centre facilities.

### What We Heard: Public Survey Feedback on Program Participation and Satisfaction

Approximately 48% of respondents identified that they (or a member of their family) have participated in City-delivered recreation and leisure programs over the last 12 months, while 52% indicated they did not. This indicates that a significant portion of residents either recreate on an individual basis or have their recreational needs met by private or volunteer sector programming opportunities.

Of those who participated in City-run programming, 12% of individuals reported participating in Children’s Summer Camps or Parks Programs in the last year. Other top responses included Aquatics Programs for Children (11%) and Adults / Seniors (11%), Children’s Arts and Interest Programs (9%), and Adult Group Fitness and Arts and Interest Programs (8%).

Many respondents indicated that they were satisfied with their experience participating in the City’s recreation and leisure programs, when considering factors such as the quality of instruction, class size, and suitability and quality of facilities used.



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

In a series of open-ended questions, respondents identified specific issues and opportunities that would enhance the existing City's programming:

- Beach or park yoga classes;
- Aquasize classes are too large;
- More opportunities for free programs (low income);
- Ensure there are opportunities for informal activities as well as organized activities.
- More programs geared towards special needs groups of all ages; and
- More programs that utilize the gymnasiums for infants and toddlers.

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### Trends Impacting Parks and Recreation Programming

Key trends that have emerged in recreational and sport programming include:

#### **The Structure of Recreation/Sport Participation is Shifting**

Demand for unorganized and drop-in activities are on the rise due to shifts because of busier lifestyles, changing family and socio-economic structures, resulting in a reduction of free time for many Canadians.

#### **A Focus on Youth**

A growing awareness of the importance of focusing on youth programming and its life-long benefits, such as healthier lifestyle and decrease in bullying and crime. Play Works developed criteria for "Youth Friendly Communities", which are awarded to municipalities that demonstrate their commitment to youth programming. Kingston is one of 47 "Youth Friendly Communities" located across Ontario, hosts an annual Youth Forum, and has established the Mayor's Youth Council which reports to City Council on a range of initiatives.

#### **Engaging an Aging Population**

Recreation departments are trying to engage older adults more to get a better understanding of their needs. This generation of older adults tends to be more physically active than previous generations and will likely register for mainstream fitness classes. This level of activity will likely drive more demand for more active programming/skill development, higher expectations of service quality and facilities, and a greater emphasis on "active" living.

#### **User and Rental Fees**

Rising user and rental fees are increasingly raising the cost of participation. This is a particular challenge for communities in the inclusion of target groups.

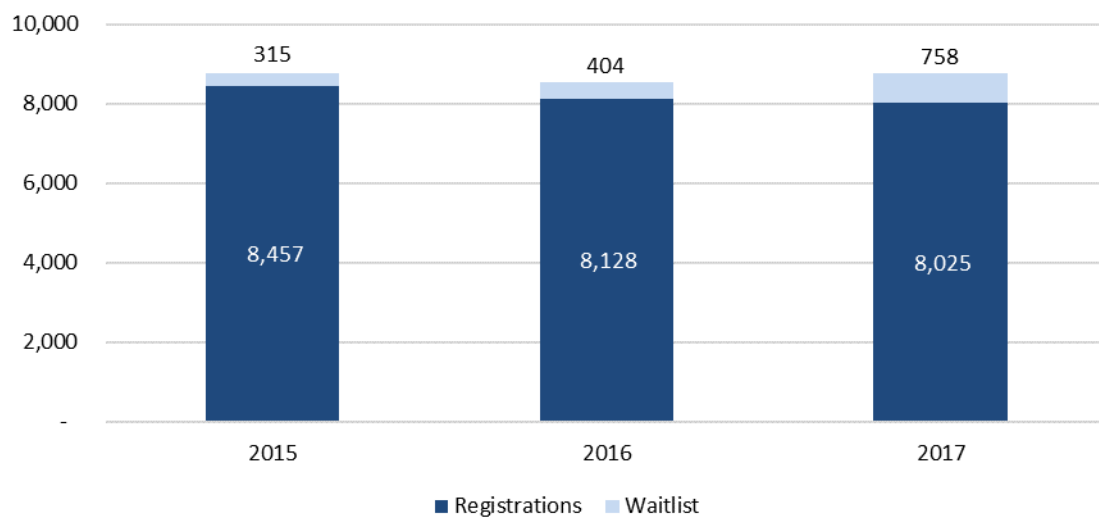
## 6.1 Registered Programs

### 6.1.1 Overall Program Participation

Over the past 3 years, total annual registrations for municipal recreation programs have remained relatively stable with a slight decrease of 5% (from 8,457 in 2015 to 8,025 in 2017).

Over the same period, the number of registrants being put on a waitlist has increased by 42%, from 315 waitlisted registrants in 2015 to 758 waitlisted registrants in 2017. A majority (over 75%) of the programs with waitlists are aquatics programs, which are offered at both the Artillery Park Aquatic Centre and the Boys and Girls Club West End Hub (in partnership with the City).

Exhibit 23: Total Program Participation, 2015 to 2017



Source: Sierra Planning and Management based on City of Kingston Registration Data, 2015-2017

### 6.1.2 General Program Offer

The City offers a range of registered programs, including, but not limited to those listed below.

**Preschool Programs:** include KinderMusik, Trains & Tots, Mom & Baby Boot Camp, Soccer, Sportball, etc.

**Children's Programs:** include Home Alone Safety, Arts & Crafts, Dance classes, Musical Theatre, Fitness Boot Camp, Dodgeball, Golf and Tennis Lessons, Martial Arts, Skateboarding, Power Skating, etc.

**Youth Programs:** include Babysitting Course, Leader in Training, Sword & Shield, Women's Self Defense, Fitness Boot Camp, Golf and Tennis Lessons, Cross Training.

**Adult Programs:** Healthy Living Series, Woodworking, Photography, Women’s Self Defense, Aerobics, Tai Chi, Pilates, Yoga, Strength Training, Badminton, Beach Volleyball, Golf Lessons.

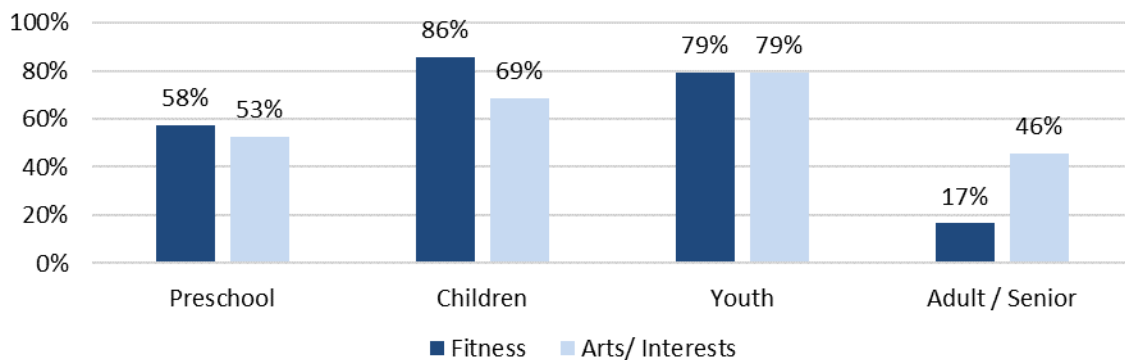
**Senior & Older Adult Programs:** Antique Detective, Food as Fuel, Chronic Pain Self-Management, Personal Training, Cardiac Rehab Support, Tai Chi, Strength Training, Badminton, Golf Lessons.

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### Program Type / Age Group Breakdown

Program participation rates or program take-up, that is the total number of participants who registered versus the total number of spaces available, is highest among children’s programs when looking at age group and fitness when looking at program type across the age groups.

Exhibit 24: Program Participation (Fill Rate, %) by Age Group and Program Type, 2017



Source: Sierra Planning and Management based on City of Kingston Registration Data, 2017

### 6.1.3 Aquatics Programs

The City offers a range of registered aquatics programs, including, but not limited to those listed below:

**Fitness Aquatics Programs:** Aqua Yoga, Prenatal Aqua Fit, Baby & Me Aqua Fit, Aqua Arthritis.

**Recreational Sport Aquatics Programs:** Water Polo, Swim Sports.

**Learn to Swim Programs:** Red Cross Preschool, Red Cross Swim Kids Red Cross Swim.

**Private Swim Lessons:** Preschool, Pro-abilities & Adults.

**Aquatic Leadership Programs:** Bronze Star, Bronze Medallion and Emergency First Aid & CPR-B, Bronze Cross Standard First Air CPR-C, National Lifeguard Pool Option, Aquatic Leadership, Red Cross Water Safety Instructor, Lifesaving Society Standard First Aid & CPR-C.

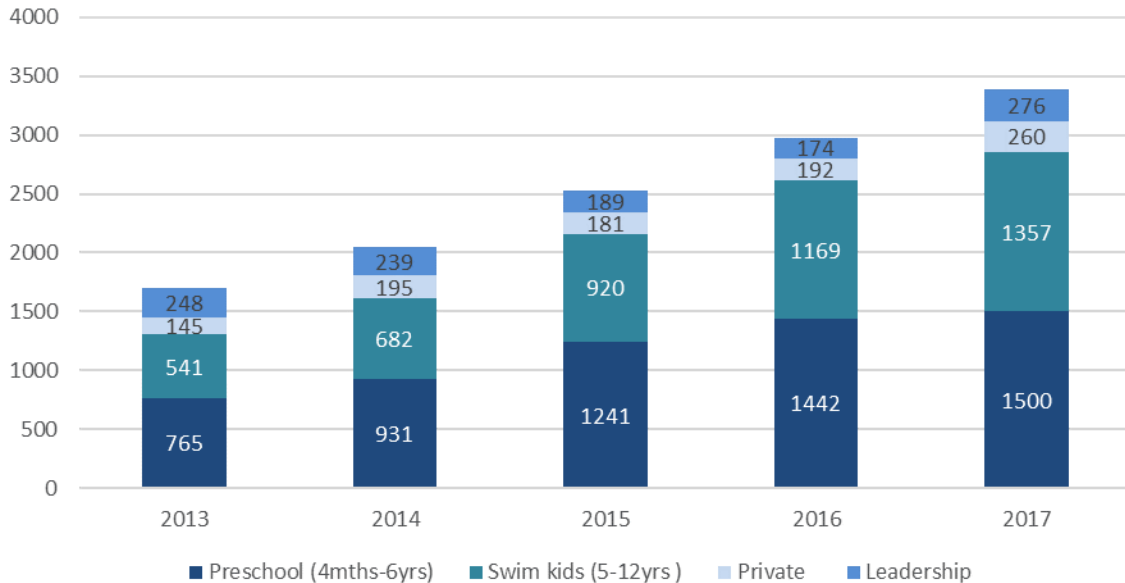
These programs are offered at Artillery Park Aquatics Centre, Outdoor Aqua Park (summer only) and the Boys and Girls Club West End Hub (winter, spring and fall only). Due to the shallow nature of the pool at the Boys and Girls Club West End Hub, some programs cannot be offered at this location (i.e., aquatic leadership programs, recreational sports, etc.).

### Aquatics Program Participation

Participation in aquatics programming has steadily increased since 2013, across all program types. In particular, registrations in preschool programs have nearly doubled, and swim kids’ registrations have increased by 150% over the 5-year period. These increases can partially be attributed to the fact that the Boys and Girls Club West End Hub opened in 2016 and began running City programming out of this location creating more capacity, however through discussions with aquatics staff at the City, it is noted that the demand for these programs has also been increasing over this time.

Program registration data provided by the City for winter, spring, and summer of 2018 (fall session is currently on-going), shows that registrations are continuing to increase, with preschool lessons and private lessons experiencing the largest growth. This is confirmed by City aquatic staff who indicated that private swim lessons are currently in high demand.

Exhibit 25: Total Aquatics Program Registrations, 2013 - 2017



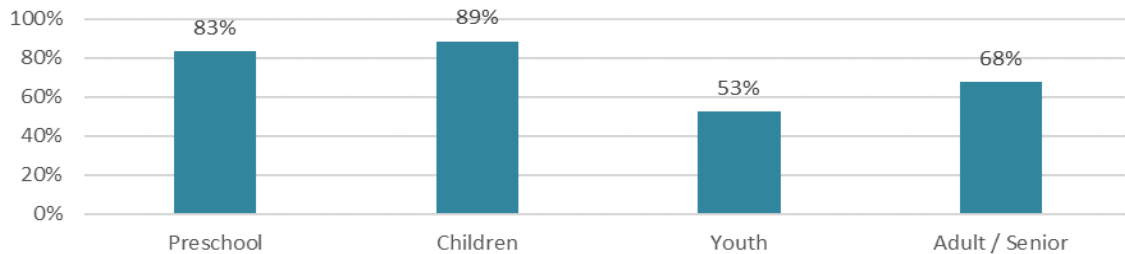
Source: Sierra Planning and Management based on City of Kingston Registration Data, 2013 to 2017

Note: 2013 Aquatics Programming occurred at the Beech Grove Pool (Provincial Complex) as Artillery Park Aquatics Centre underwent renovations.

While not included in the above chart, it should be noted that youth /adult (15+) program registrations remained relatively stable across the 5-year period, with a modest number of registrants, which varied from 0 to 15 registrants per season (only offered at Artillery Park Aquatic Centre).

Program participation rates or program take-up, that is the total number of participants who registered versus the total number of spaces available, is highest among children’s programs when looking at age group for aquatics programs.

Exhibit 26: Aquatics Program Participation (Fill Rate, %) by Age Group, 2017



Source: Sierra Planning and Management based on City of Kingston Registration Data, 2017

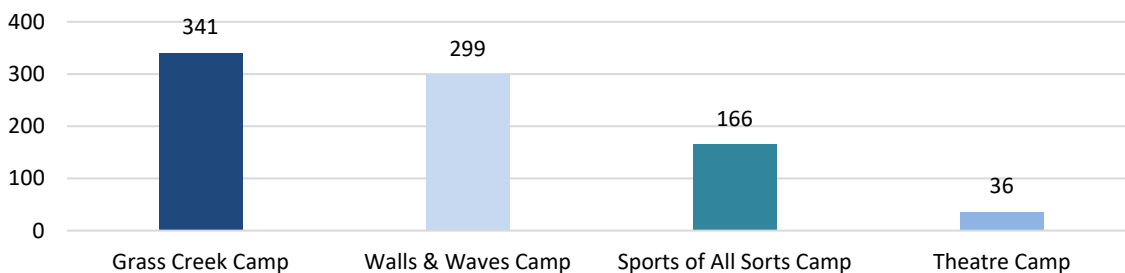
#### 6.1.4 Summer Camps

The City offers registered Summer and March Break Camp programs. Summer camp offering includes Grass Creek Camp, Theatre Camp with the Kick & Push Festival, Sports of All Sorts Camp, and Walls & Waves Camp.

Based on 2017 registration data provided by the City, the Grass Creek Camp is the most popular camp (40% of total camp registrants), followed by Walls and Waves (36% of total camp registrants), Sports Camp (20%), and Theatre Camp (6%).

The overall program participation / take-up rate was 97% for summer camps in 2017.

Exhibit 27: Total Summer Camp Registrations, 2017



Source: Sierra Planning and Management based on City of Kingston Registration Data, 2017

## 6.2 Drop-In Programs

In addition to registered programs, the City offers flexible drop-in programs, which do not require registration, and can be accessed on an individual basis. Drop-in programs offered by the City include, but are not limited to:

- **Preschool Programs:** Parent & Tot skating, Parent & Tot swimming.
- **Children's Programs:** Leisure swims, Skating programs.
- **Youth Programs:** \$2 Friday Night Swims and Gym, Youth Open Gym.
- **Adult Programs:** Badminton, Ball Hockey, Pickleball, Open Gym, Karate.
- **Senior & Older Adult Programs:** Badminton, Pickleball.

During the summer months (July and August), the City also offers free Neighbourhood Parks Programs, which provides drop-in outdoor recreation opportunities for children of all ages. These programs include:

- Adventure Kids – active and quiet games, arts and crafts, sports, special events and theme days for children aged 6 to 12;
- FamJam –sports equipment, crafts, and structured activities for the entire family; and
- Sunrise & Sunset Drop-in Fitness.

Programs are held at a variety of park locations throughout the city with different locations for the morning and afternoon sessions. Many programs are offered Monday through Friday, while others are offered two or three times per week.

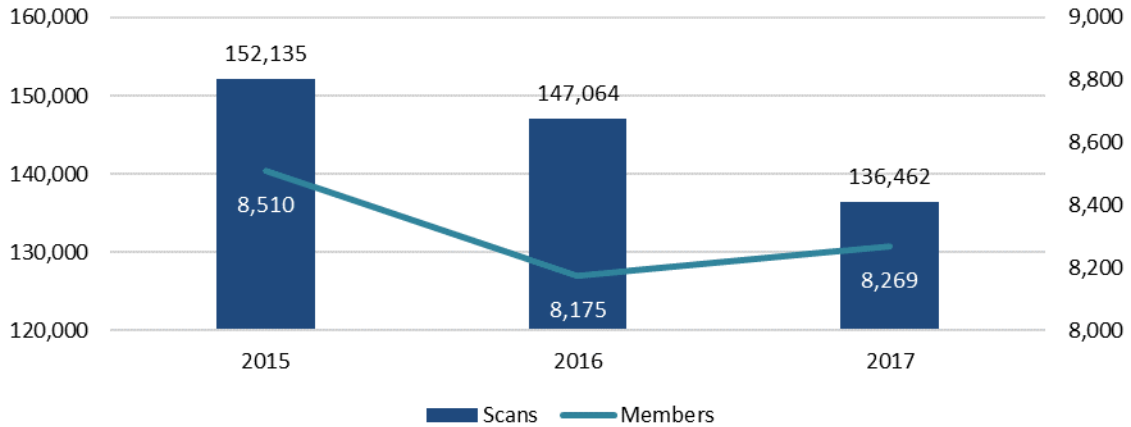
## 6.3 Facility Memberships

The City offers an all-inclusive facility membership (Fit pass) which enables access to the INVISTA Fitness & Wellness Centre, Artillery Park Aquatic Centre, municipal arenas, Outdoor Aqua Park, and Belle Park Driving Range for the following uses: cardio / weight room, gymnasium, fitness and aquafit classes, recreational swims, and public skating. Additional membership passes offered include a Wellness pass, Aqua Fit pass, and a Gym or Pool pass. Some of these pass types are restricted to single facility membership.

Over the past three (3) years, total memberships sold has decreased slightly, by 3%, while the total number of scans (or uses) has decreased by 11%.



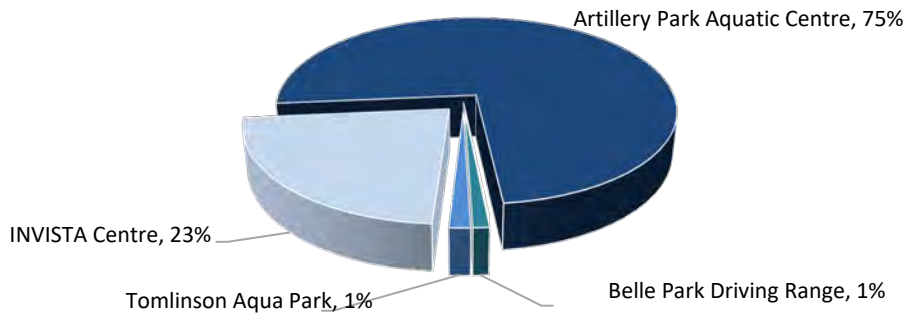
Exhibit 28: Total Facility Memberships, 2015 to 2017



Source: Sierra Planning and Management based on City of Kingston Registration Data, 2015-2017

When looking at the facilities most used by those with facility memberships, that is the highest number of scans, Artillery Park Aquatic Centre had 75% (or 101,999) of total membership scans in 2017. This is likely because this facility has both a pool, gymnasium, and a weight room. INVISTA Centre had 23% (or 30,911) of the total membership scans, which has a large fitness centre.

Exhibit 29: Facility Usage (scans) by Members, 2017



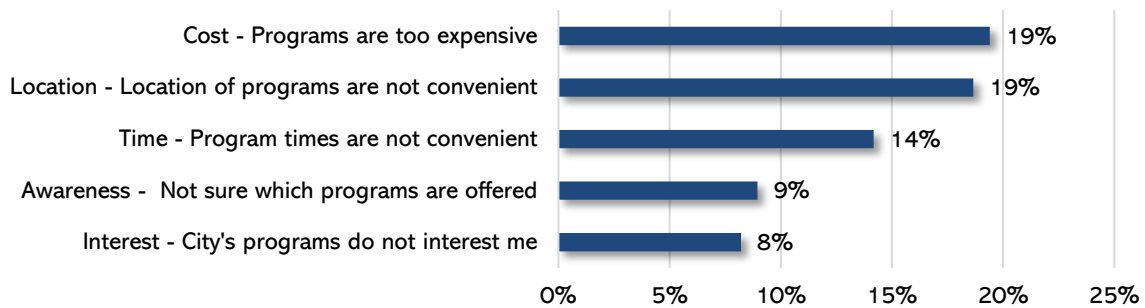
Source: Sierra Planning and Management based on City of Kingston Registration Data, 2017

## 6.4 Program Accessibility

### 6.4.1 Barriers to Participation

31% of survey respondents indicated that they faced barriers which limited their participation in recreation and leisure programming in Kingston (City-delivered or otherwise). Primary reasons indicated were that the cost of participating in programs was too expensive and that programming was not offered in a convenient location.

Exhibit 30: Top 5 Barriers Limiting Participation in Recreational and Leisure Programming in Kingston



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

While not identified as a barrier to participation by respondents to the public survey, it should be noted that the City has had increasing requests for translation services at the community centres, including translation of facility signage. The number one requested language for translation is Arabic, followed by Spanish.

In the 2012 Y2K survey and data collection, it was identified that the biggest barrier related to youth participation in programs was transportation. It is noted that the City of Kingston now offers free bus passes to students, which may have increased the accessibility to programs and opportunities for youth across the city.

### Status of 2010 Master Plan Recommendations: Services are Inclusive

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
| 14  | Include a statement in the Recreation and Leisure Services Guide and other Departmental publications that the Department seeks to be fully inclusive and that the statement and directions are consistently translated into the top three predominant languages other than English. | Ongoing / Continuous | Statement included in all editions of Recreation & Leisure Services Guide. |

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 15  | Continue to provide a training program for staff to gain the skills and competencies needed to fully engage under-represented populations, including through marketing techniques that ensures (among other things) that plain and clear language is utilized in all future reports and publications. Expand this training to include staff, community groups and volunteer representatives. | Ongoing / Continuous | All staff and volunteers are required to complete accessibility training. Enhanced inclusive services with Recreation Integration staff. American Sign Language (ASL) interpreter training introduced for staff in 2017. |
| 16  | Develop a policy that seeks to ensure that all advisory and project related committees, who support the work of parks and recreation, represent the community they serve and include persons with disabilities, residents of low income, various age groups, a balance of male/female representation and cultural diversity at a minimum.  | Ongoing / Continuous | All committees are established as per city by-laws and are opened to the public at large.  |
| 17  | Develop a policy and articulate the resources required to provide needed translation, interpretive signing and child minding where appropriate at community meetings in order to fully engage under-represented groups and individuals.  | In Progress          | The needs of under-represented groups are being discussed using legislation related to equity and inclusion as the guiding principles.   |
| 18  | Provide more information and first-hand testimonials to staff through inclusive forums on the barriers under-represented groups face in accessing services to improved access.   | Pending              | Policy development and forums on best practices to be developed.   |
| 19  | Execute an observational audit in parks and recreation facilities on a regular basis and in a systematic fashion to determine how parks and facility use is changing and how best to service the changing needs.   | Ongoing / Continuous | Consultation with user groups, tracking facility usage per activity to identify activities by usage has begun (via annual facility user meetings). Accessibility audit was completed on recreation programs in 2012.     |
| 20  | Continue to post the listing and contact information of organizations that provide support to under-represented groups in the Recreation and Leisure Magazine, in other appropriate publications and on the City website.  | Ongoing / Continuous | Information available at Reception desks.  |

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 21  | Consider the introduction of family programming (e.g. learn to swim, learn to skate, etc.) whereby families are encouraged to learn new skills together.   | Completed<br>✓       | Variety of family programs (drop-in and registered) and activity opportunities are provided each season based on interest and demand. Includes family swim lessons, Karate, Zumba, Yoga and parent & child wellness and sport programs. |
| 22  | Develop a robust Access Policy to include all under-represented populations in all parks and recreation services and programs, and further that this policy be described in all appropriate publications.                      | Pending              | Access Policy is to be developed.   |
| 23  | Engage a full range of under-represented groups in the development of new and the review of existing programs and services.  | Ongoing / Continuous | City consults with these groups on a continuous basis related to program development. Additional inclusive programs have been added for all ages i.e. Music in Motion, etc.   |
| 24  | Develop simple but meaningful performance measures (inputs, outputs, efficiencies and effectiveness) with respect to including under-represented groups and report out annually to Council respective groups and stakeholders. | Pending              |   |

#### 6.4.2 Fee Assistance Programs Offered by the City

##### **SPARK Program**

The City offers a Subsidy Program for Affordable Recreation in Kingston (SPARK) that provides funding on a first-come, first-serve basis which reduces the cost paid by lower income Kingston residents for City-run recreation and leisure programs. SPARK funds can be used towards summer camps and March Break camps; swimming, skating, and skateboard lessons; drop-in swimming, skating, and sports programs; fitness, dance, yoga, sport, and general interest courses; babysitting courses, first aid courses, and lifeguard certification; and personal training and fitness memberships.

The City allocates an annual amount of funding to be able to provide this program.

**Kingston Gets Active Month**

The City hosts ‘Kingston Gets Active Month’ every April and September, where local sport and recreation organizations host free activities for Kingston and area residents. Activities that are provided for free are varied, and include fitness classes, youth sports, fencing, Pilates, trampolining, swimming, junior soccer, pickleball, martial arts, spinning, among others. Funding assistance to support this initiative is provided by both public and private partners.

**Other Fee Assistance Programs**

Other fee assistance programs include:

- **Grade 5 and 9 ActivPass** - Provides free access for grade 5 and 9 students to local recreation facilities for swimming, skating and use of the gym.
- **Canadian Tire Jump Start Program** - The City’s Recreation Department partners with the Canadian Tire Jump Start Program to help children between the ages of 4 and 18 participate in sports and physical activity programming. To date, there have been 1,471 participants in the Kingston Chapter who have taken part in a variety of programs offered by the City.
- **Community Hub partnerships** – The City partnered with several organizations to provide low and no-cost programming at the new Rideau Heights Community Centre and Library.

Status of 2010 Master Plan Recommendations: Affordable Opportunities

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
| 25  | Consider childcare provision during program opportunities primarily in low income areas to start.   | Pending              | Childcare provision to be expanded in low income areas as space and funding become available.  |
| 26  | Provide at no charge youth leadership training continuum for low income youth in order to reduce fiscal barriers and increase employment opportunities for youth.     | Ongoing / Continuous | Youth volunteer opportunities in recreation are provided annually, including free access to aquatic certification programs. SPARK program also provides no cost or reduced cost access to leadership programs. |
| 27  | Continue to place high priority on the subsidy program to reduce financial barriers to participation, including addressing barriers for transportation and equipment. | Ongoing / Continuous | Spark program was introduced in 2010. The City has continued to allocate an annual amount of funding to be able to provide this program.   |

| No. | Recommendation   | Status            | Details  |
|-----|--|-------------------|--|
| 28  | Inventory the program mix (both direct and indirect) to ensure that there is a balance of no cost/low cost programs and services that are accessible to all residents. | In Progress       | Implementing community hub model for new Rideau Heights Community Centre and Library with low and no cost program opportunities. |
| 29  | Track the use of the PRO Kids initiative and report out on its success year over year.   | Revision Required | PRO Kids was discontinued due to duplication with Jump Start program.  |

Status of 2010 Master Plan Recommendations: Planning for Diverse Populations

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 30  | Continue to foster the development of existing, new and emerging sport, cultural and recreational activities that may be popular with under-represented populations and ensure that these opportunities are available to all Kingston residents. | Ongoing / Continuous | Through partnerships with community organizations including LDSB, ISCA, Canadian Tire Jump Start, City provides low cost/no cost swim lessons to identified children across the city.   |
| 31  | Develop opportunities for all residents to learn introductory skills in traditional Canadian sport, recreational and cultural opportunities and make these available for all Kingston residents.   | Ongoing / Continuous | Introductory opportunities currently offered by City and external agencies with funding access available through SPARK and Jump Start.  |
| 32  | Work with community groups and stakeholders to expand their ability to include all residents regardless of their backgrounds.  | Ongoing / Continuous | Commitment to providing inclusive services through staff training, collaborating with community agencies. i.e. Kingston Gets Active initiatives (Grade 5 & 9 ACTIV Pass), LDSB & Canadian Tire Jump Start (Swim to Survive Programs). |

Status of 2010 Master Plan Recommendations: Accessibility

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 33  | Ensure that all amenities and services be provided and designed according to the City's accessibility standards. | Ongoing / Continuous | This is part of the ongoing development process. |

Status of 2010 Master Plan Recommendations: Facilitator of Services

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 34  | Develop a Program Plan through a network of program and service providers in Kingston to determine the full range of program and service delivery needs, program capacities and fill rates, gaps in service provision and the resources needed to develop greater capacity where programs and services are needed. | Ongoing / Continuous | City is committed to understanding the service delivery needs on a continuous basis. |

Status of 2010 Master Plan Recommendations: Maximizing Parkland Use

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 127 | Test park user satisfaction and maintain an 85% satisfaction level at a minimum.  | Pending              | Public consultation required.                         |
| 128 | Increase parks programming through community engagement efforts with a view to meeting local needs; provide “walk to” and “ride to” opportunities and move toward community directed delivery at the neighbourhood level over time. | Ongoing / Continuous | Neighbourhood Parks Programs implemented and ongoing. |

Considerations for 2021 Master Plan: Parks and Recreation Programming

Consideration should be had for the following:

- With a growing population of older adults, the opportunity exists to develop intergenerational programs that encourages participation by all age groups;
- Importance of providing programming opportunities for youth. A deficiency in programs / services offered for those youth in the middle years (13 to 15 years) age cohort was identified, as well as a lack of opportunities to participate in programs related to culture and identity<sup>18</sup>. The opportunity to work with local partners to provide additional programs and services to this age group (e.g., low-cost tutoring services, cultural programs, etc.);

<sup>18</sup> As per outcomes of the Y2K Youth Strategy, 2012 and Y2KFLA Expansion Year 1 – Outcomes Story, June 2017.

- Increasing ethno-cultural diversity lends itself to broadening the program offer to include more variety – such as ethnic cooking classes, dance classes, traditional arts classes, etc. This can be incorporated with expanded youth and intergenerational programming opportunities.
- Continue to consult with the community related to changing preferences and reflect in the programs offered.
- Continue to evaluate and rejuvenate programming on a seasonal basis.
- Opportunity to work with community partners, such as the Boys & Girls Club, Kingston YMCA, Loving Spoonful, to promote affordable access opportunities (through SPARK and other options) to key target groups.

## 6.5 Municipally Hosted Events

The City typically directly hosts between 12 and 15 special events per year, with approximately 100 additional events hosted by external and community organizations.

Events directly hosted by the City of Kingston include:

### Spring / Summer Events:

- Victoria Day (Lake Ontario Park)
- National Youth Week
- First Capital Day
- Doors Open Kingston
- Canada Day
- Music in the Gardens
- Sheep Dog Trials

### Fall / Winter Events

- Summer's End Doggy Dip
- Streets Alive
- Lego Inventioners Day
- Remembrance Day
- WinterLight
- Snow Much Fun
- All Aboard the Holidays
- K-Town Countdown
- Family Day Fun

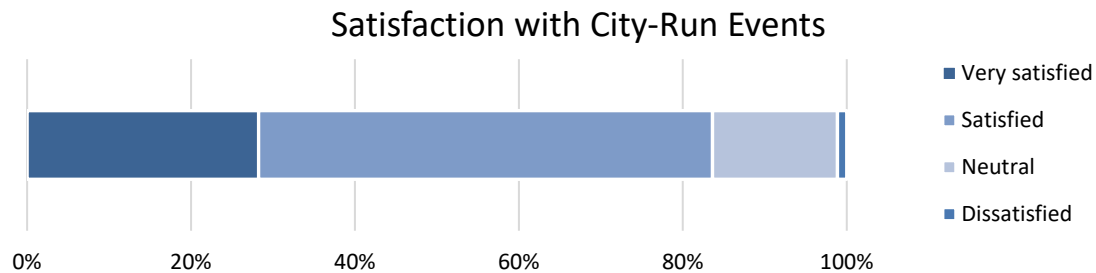
These events, dependent on the time of year, are hosted in parks and outdoor event spaces, such as Springer Market Square, as well as indoor facilities, such as the Woodworking Museum at Grass Creek Park. Events are implemented jointly by the Recreation and Leisure Services – Special Events



Division, and the Public Works Department, who handle the operational aspects of running special events.

### What We Heard: Public Survey Feedback on Special Events

A majority (87%) of survey respondents (n=196) indicated that they attend or participate in events hosted by the City. A large proportion (83%) of which were either 'satisfied' (55%) or 'very satisfied' (28%) with their overall experience(s) with City-hosted events.



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Specific improvements identified by respondents relating to City-run events included:

- Events could be better promoted and advertised;
- More recreational activities during street festivals;
- Identify fireworks viewing areas;
- More diverse mix of events / introduce new events;
- More events in west end of city;
- More shade / cooling stations at summer events;
- Free transportation to, and/or more parking at events;
- Improved management of street closures during events; and
- Provide more information on event / park locations.

Through discussions with stakeholders, it was identified that the existing event infrastructure at Confederation Park is currently inadequate, including power supply and water access. The implementation of a sprinkler system within Confederation Park in recent years poses additional challenges and concerns related to weight load and traffic on the grassed lawn areas.

The event infrastructure at Springer Market Square was also identified as challenging for major event hosting, with one source for water supply and despite electrical infrastructure improvements.

Consultations with user groups indicated they would like to see more flexibility for the accommodation of specialty sporting events, particularly those of an international, national, or provincial scale.

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### Considerations for 2021 Master Plan: Special Events

- Opportunity for improvement / revitalization of key event spaces in the downtown (e.g. Confederation Park as per the Waterfront Master Plan) that would better enable large gatherings and event hosting capabilities. Relevant external stakeholders (Downtown Kingston! BIA, Tourism Kingston, etc.) should be engaged throughout the design process. This relates specifically to improvements to the park infrastructure and will be addressed in the Parkland Section of the Master Plan.
- It is important to foster existing and develop new key partnerships (i.e. with Tourism Kingston, sport user groups, etc.) in order to attract and implement provincial, national and /or international specialty sporting (and other) special events, leading to increased economic development within the city.
- Continue to build upon existing positive relationship between the Special Events Division and the Public Works Department for event implementation.

## 7 Overview of the Assets

### 7.1 Facilities Snapshot

The City of Kingston is the steward of an extensive base of assets which includes:

#### Indoor Recreation Facilities:

- 3 community centres;
- 5<sup>19</sup> indoor arenas, including a 4-pad facility at the INVISTA Centre;
- 1 indoor pool;
- 2 gymnasiums;
- 2 fitness centres; and
- 19 multi-purpose rooms.

#### Outdoor Recreation Amenities:

- 45<sup>20</sup> rectangular fields, including 2 artificial turf fields;
- 43<sup>21</sup> ball diamonds;
- 26 tennis courts;
- 22 pickleball courts;
- 20<sup>22</sup> basketball courts;
- 98 playground locations;
- 3 skate parks;
- 2 BMX tracks;
- 1 outdoor aqua park;
- 10 splash pads;
- 5 off-leash dog parks;
- 18 outdoor skating rinks;
- 8 community gardens;
- 4 beach areas;
- 6 beach volleyball courts;
- 2 marinas;
- 9 boat launches;
- 1 track and field facility;
- 1 driving range; and
- over 200 existing and planned parks across the city.

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<sup>19</sup> Includes Leon's Centre, a Multi-Use Sports and Event Centre, therefore community use of this facility is somewhat limited.

<sup>20</sup> Represents 'unlit equivalents' where each lit field equates to 1.5 unlit fields to account for evening use.

<sup>21</sup> Represents 'unlit equivalents' where each lit field equates to 1.5 unlit fields to account for evening use.

<sup>22</sup> Represents 'full-court equivalents' where each half-court equate to 0.5 full courts.

## 7.2 Standards of Provision

The 2010 Master Plan established target standards of provision as appropriate across the various types of assets. Standards of provision are not the only basis on which facility investment decisions should be made. In general, standards should serve as triggers to initiate municipal consideration of the options surrounding and need for new facility investment where population and/or participation thresholds are being met or exceeded when population projections are available.

For assignments like the Parks and Recreation Master Plan Update for Kingston, population projections are typically only one means of analysis to determine the future needs of the community.

The table below provides current standards of provision based on existing populations as per 2016 Census Data from Statistics Canada and the recommended standards identified in the 2010 Master Plan. Consideration for other public and/or private facilities for some assets are provided in the appropriate sections of the report, as applicable.

Exhibit 31: Population-Based Standards (Municipal Supply Only)

| Facility                  | Municipal Supply | 2016 Standard |         |                     | Target Standard (as per 2010 Master Plan) |   |                     |
|---------------------------|------------------|---------------|---------|---------------------|---|---|---------------------|
| <b>Indoor Facilities</b>  |                  |               |         |                     |   |   |                     |
| Community Centres         | 3                | 1 per         | 41,268  | Residents           | Not Applicable                            |   |                     |
| Ice Pads                  | 8.5              | 1 per         | 14,565  | Residents           | Not Applicable                            |   |                     |
| Indoor Aquatics           | 1                | 1 per         | 123,805 | Residents           | 1 per                                     | 45,000  | Residents           |
| Gymnasium                 | 2                | 1 per         | 61,903  | Residents           | 1 per                                     | 40,000  | Residents           |
| Fitness Centre            | 2                | 1 per         | 61,903  | Residents           | Not Applicable                            |   |                     |
| Multi-Purpose Rooms       | 19               | 1 per         | 6,516   | Residents           | Not Applicable                            |   |                     |
| <b>Outdoor Facilities</b> |                  |               |         |                     |   |   |                     |
| Rectangular Fields        | 45               | 1 per         | 2,228   | Residents (<65 yrs) | 1 per                                     | 2,000   | Residents           |
| Ball Diamonds             | 43               | 1 per         | 2,332   | Residents (<65 yrs) | 1 per                                     | 3,000   | Residents           |
| Tennis Courts             | 26               | 1 per         | 4,762   | Residents           | 1 per                                     | 5,000   | Residents           |
| Pickleball Courts         | 22               | 1 per         | 5,628   | Residents           | Not Applicable                            |   |                     |
| Basketball Courts         | 20               | 1 per         | 642     | Youth (ages 10-19)  | 1 per                                     | 800   | Youth (ages 10-19)  |
| Playgrounds               | 104              | 1 per         | 116     | Children (ages 0-9) | 1   | playground within 800m of major residential areas |                     |
| Skate Park                | 3                | 1 per         | 4,127   | Youth (ages 10-19)  | 1 per                                     | 5,000   | Youth (ages 10-19)  |
| Splash Pads               | 10               | 1 per         | 1,238   | Children (ages 0-9) | 1 per                                     | 3,000   | Children (ages 0-9) |

Note: 2016 population Census data from Statistics Canada was used as the approved baseline, as 2021 Census data had not been released at the time of reporting.

## 8 Assessment of Indoor Recreation Facilities

The following provides an overview and assessment of the indoor facilities that are owned and operated by the City of Kingston. Factors considered in the assessment of indoor facilities include:

- Supply, geographic distribution (inventory mapping provided in Appendix C) and accessibility of facilities within the city,
- Existing facility condition and future capital requirements,
- Facility utilization, and
- Current service level / standard of provision being provided based on population / facility ratios.

Section 9: Assessment of Outdoor Facilities and Section 10: Assessment of Parkland and Open Space considers the same factors, as available for each facility type at the time of reporting.

### What We Heard: Public Online Survey Feedback on Indoor Recreation Facilities

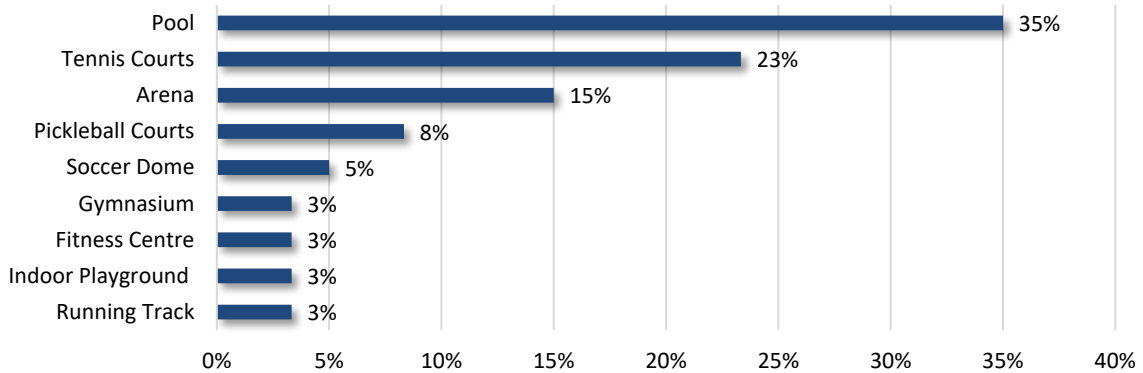
In addition to municipal facilities, as assessed below, there are a number of non-municipal facilities that provide indoor recreational opportunities for city residents, including the post-secondary institutions, YMCA, Canadian Forces Base (CFB) Kingston, as well as privately-owned fitness and recreation facilities.

34% (n=145) of respondents indicated that they use City facilities at least 50% of the time, 21% of which use them almost exclusively (over 75% of the time). 11% (n=27) of question respondents indicated that they utilize 'other facilities' exclusively (100% of the time). The Seniors Centre, CFB Kingston Gym and Sports Dome, and home gyms were cited most often.

Respondents were generally satisfied with the indoor recreation facilities currently provided by the City and were split as to whether the city needs additional indoor recreation facilities (54% said yes, and 46% said no). Of those who said yes, a pool was the highest ranked facility, followed by indoor tennis courts, arena and indoor pickleball courts.

In terms of priorities for investment over the next 5 to 10 years, indoor aquatics facility was the top choice of respondents (n=189), followed by age-specific spaces (youth centre and older adult centre). Most of those respondents who chose 'other' identified indoor tennis courts as their priority.

### Additional Indoor Recreation Facilities



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Additional comments received at the Community Workshop related to indoor recreation facilities included:

- Provide a variety of recreational opportunities in centralized locations;
- Ensure that indoor facilities are inclusive and accessible to all (i.e. on a public transit route, bike facilities, etc.);
- Provide more indoor aquatic opportunities; and
- The overall affordability of indoor recreation opportunities was identified by some attendees.

## 8.1 Multi-Purpose Community Centres

### Supply

The City currently owns and operates three (3) multi-purpose community centres.

| Municipal Supply: Community Centres |      |
|-------------------------------------|------|
| 2010                                | 2021 |
| 9                                   | 3    |

Many of the recreation facilities in Kingston (e.g. Centre 70, Memorial Centre and Cataraqui Community Centre) were developed to be ice-focused facilities and with a limited offer of ancillary community spaces. As recreational preferences and pursuits have shifted over time, so too has the City’s model for delivering community centres, which is now based on a Community Hub Model.

Therefore, it is important to note that the 2010 Plan included those facilities that have ice rinks / arenas in its supply of community centres, however, for the purposes of this study, community centres are defined as multi-purpose facilities that do not include ice / arenas and provide more of a community hub model of service provision. Indoor ice rink / arena facilities are discussed separately in the following section of this report.

Despite this realignment, the total supply of community centres has still decreased since 2010 based on the recommendations of the 2010 Plan (with the closure of the rural community centres).

Exhibit 32: City of Kingston Multi-Purpose Community Centre Inventory

| Facility                                    | Amenities   |  |
|---|---|--|
| Artillery Park Aquatic Centre               | <ul style="list-style-type: none"> <li>• 25m lap pool</li> <li>• 15m therapy pool</li> <li>• sauna</li> </ul> | <ul style="list-style-type: none"> <li>• fitness centre</li> <li>• gymnasium</li> <li>• 3 multi-purpose rooms</li> </ul> |
| Rideau Heights Community Centre and Library | <ul style="list-style-type: none"> <li>• gymnasium</li> <li>• 3 multi-purpose rooms</li> </ul>                | <ul style="list-style-type: none"> <li>• community kitchen</li> <li>• shared youth / older adult space</li> </ul>        |
| Portsmouth Olympic Harbour                  | <ul style="list-style-type: none"> <li>• 4 multi-purpose rooms</li> </ul>                                     | <ul style="list-style-type: none"> <li>• Adjacent marina</li> </ul>  |

As noted, the City is currently planning the development of an additional multi-purpose community centre to serve the city’s east end. The Kingston East Community Centre (KECC) is expected to be completed in 2021.

The newer community-focused hubs (e.g. Rideau Heights and Artillery Park Aquatics Centre) tend to include more space that is flexible for use by the general community in the form of meeting / program space, fitness studios, libraries, gymnasiums, etc. The newest hubs – Rideau Heights and the planned Kingston East Community Centre are centered around a variety of dry uses and rooted in partnerships.

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### Geographic Distribution

The existing community centres are focused in the central area and west end of the city, which is where a majority of the population is concentrated. With the new Kingston East Community Centre located at Highway 15 and Grenadier Drive, the level of service within the city’s east end will improve.

Refer to Appendix C for inventory mapping.

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### Condition and Capital Requirements

The building condition assessments undertaken for the Portsmouth Community Centre forecasts that over \$4 million in capital improvements will be required over the next 15 years to maintain the facility in a State of Good Repair (SOGR).

Building condition assessments have not been completed for Rideau Heights Community Centre and Library as it is a new facility having opened in 2018, or Artillery Park Aquatic Centre as it underwent major renovations and re-opened in 2014.

Exhibit 33: Portsmouth Community Centre 15-Year Capital Maintenance Cost Requirements

| Facility                    | Year Built | GFA (sf) | 15-Year Capital Maintenance Costs | Cost / sf |
|-----------------------------|------------|----------|-----------------------------------|-----------|
| Portsmouth Community Centre | 1974       | 64,000   | \$ 4,271,184                      | \$ 67     |

Source: City of Kingston Building Condition Assessments, 2015/16

Status of 2010 Master Plan Recommendations: Community Centres

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 70  | Evaluate ways in which to upgrade the Madoma and Meadowcrest Community Centres that serve Kingston’s rural areas. The enhancement of existing and/or addition of new multi-purpose spaces should be considered to position these halls as hubs for the surrounding rural communities. | No Longer Applicable | Madoma and Meadowcrest Community Centres have been demolished. Land has been repurposed as park space with additional park amenities. |
| 71  | In line with municipal policy, new facilities should be designed according to LEED Silver standards while also incorporating other appropriate “green” technologies to showcase the City’s leadership role in energy efficiency, innovation and environmental stewardship.            | Ongoing / Continuous | City is currently exploring "net zero" as an alternative to LEED design for facilities.   |
| 72  | Ensure that new public leisure facilities are designed with the user’s comfort, safety and accessibility in mind, through use of CPTED (or similar) principles as well as adhering to the City of Kingston Facility Accessibility Design Standards.                                   | Ongoing / Continuous | Designs to FADS and consultation with Municipal Accessibility Advisory Committee (MAAC).  |

Considerations for 2021 Master Plan: Community Centres

- The Portsmouth Olympic Harbour visioning exercise identified the potential for a mixed-use community hub building focused on water-based sports and activities. There is the additional opportunity to incorporate other community uses / spaces into the building, as well as provide outdoor amenities for local residents.
- The City has indicated that accessibility and safety are top priority as it relates to community centres. This will be considered in the evaluation and development of options for community centres in the future.



- The City has a new model for delivering community centres, based on a Community Hub Model. Community Centres should continue to be developed based on this new model and in conjunction with community partners where appropriate (i.e. Boys and Girls Club, YMCA, Seniors Association, etc.).
- The provision of spaces for youth and seniors / older adults within modern community centre facilities continues to be important.

## 8.2 Indoor Ice Rinks / Arenas

### Supply

The City currently owns and operates a total of nine (9) indoor ice pads (8 NHL and 1 Olympic size) across five arena locations as follows:

| Municipal Supply:<br>Ice Pads <sup>23</sup> |         |
|---|---------|
| 2010  | 2021    |
| 10 (9.5)                                    | 9 (8.5) |

Exhibit 34: City of Kingston Indoor Ice Rinks / Arenas Inventory

| Facility                   | Amenities  |  |
|----------------------------|--|--|
| Cataraqui Community Centre | <ul style="list-style-type: none"> <li>• 2 ice pads (1 NHL, 1 Olympic)</li> </ul>                        | <ul style="list-style-type: none"> <li>• 3 multi-purpose rooms</li> <li>• pro shop and canteen</li> </ul>                |
| Centre 70                  | <ul style="list-style-type: none"> <li>• 1 ice pad</li> <li>• 1 multi-purpose room</li> </ul>            | <ul style="list-style-type: none"> <li>• canteen</li> </ul>  |
| INVISTA Centre             | <ul style="list-style-type: none"> <li>• 4 ice pads</li> <li>• concession</li> <li>• pro shop</li> </ul> | <ul style="list-style-type: none"> <li>• 4 multi-purpose rooms</li> <li>• mini rink</li> <li>• fitness centre</li> </ul> |
| Kingston Memorial Centre   | <ul style="list-style-type: none"> <li>• 1 ice pad</li> <li>• 1 multi-purpose room</li> </ul>            | <ul style="list-style-type: none"> <li>• canteen</li> </ul>  |
| Leon's Centre              | <ul style="list-style-type: none"> <li>• 1 ice pad</li> </ul>  |  |

In addition, the City operates the Springer Market Square outdoor rink on a seasonal basis (weather permitting). This facility is further detailed in Section 9.10 of this report.

For the purposes of this assignment, the Leon's Centre, a large sports and entertainment centre located downtown which hosts a variety of OHL games, concerts and special events, is considered to equate to 0.5 ice pads for community use (when considering standard of provision levels). Due to the special function of the Leon's Centre as an event venue, it has not been included in the analysis (condition, capital requirements, or utilization) contained within this section.

<sup>23</sup> Effective supply identified in brackets.

### Non-Municipal Supply

There is an additional single ice pad at the Kingston Constantine Arena, located on the Canadian Forces Base (CFB). This facility, built in 1952, is in poor condition, and currently operating at capacity. Discussions with Senior Recreation Management at CFB Kingston indicated that a second ice pad is likely warranted to meet the current demand on the base.

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### Geographic Distribution

Indoor ice is provided in Kingston on a city-wide basis. It is noted however, that 7 of the 9 indoor ice pads are concentrated in the west end of the city, at the INVISTA Centre, Cataraqui Centre and Centre 70 Arena, while the Kingston Memorial Centre (and Leon’s Centre, not shown) is located within the downtown area.

Refer to Appendix C for inventory mapping.

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### Condition and Capital Requirements

Between 2015 and 2017, \$2.6 million has been spent on capital investments in the City’s arenas.

Exhibit 35: Historic Capital Expenditures on Arenas (2015 to 2017)

| Facility         | 2015               | 2016               | 2017             | Total              |
|------------------|--------------------|--------------------|------------------|--------------------|
| INVISTA Centre   | \$236,050          | \$222,132          | \$170,000        | <b>\$628,182</b>   |
| Cataraqui Centre | \$365,600          | \$196,218          | \$140,000        | <b>\$701,818</b>   |
| Memorial Centre  | \$320,600          | \$431,218          | \$60,000         | <b>\$811,818</b>   |
| Centre 70        | \$118,025          | \$328,566          | \$40,000         | <b>\$486,591</b>   |
| <b>Total</b>     | <b>\$1,040,275</b> | <b>\$1,178,134</b> | <b>\$410,000</b> | <b>\$2,628,409</b> |

Source: 2015 and 2016 Capital Budget Bylaws, 2017 Final Recreation and Leisure Capital Budget.

The building condition assessments undertaken for the arenas forecasts that another \$23 million in capital improvements will be required over the next 15 years to maintain the facilities in a State of Good Repair (SOGR). A majority of the longer-term improvement costs are required at the INVISTA Centre.

Exhibit 36: Arenas 15-Year Capital Maintenance Cost Requirements

| Facility          | Year Built              | GFA (sf) | 15-Year Capital Maintenance Costs | Cost / sf |
|-------------------|-------------------------|----------|-----------------------------------|-----------|
| INVISTA Centre    | 2008                    | 180,000  | \$ 9,965,990                      | \$ 55     |
| Catarauqui Centre | 1973 (expanded in 1993) | 95,000   | \$ 4,477,083                      | \$ 47     |
| Memorial Centre   | 1953                    | 62,000   | \$ 5,783,074                      | \$ 93     |
| Centre 70         | 1970                    | 33,000   | \$ 2,770,083                      | \$ 84     |
| <b>Total</b>      |                         |          | <b>\$ 22,996,230</b>              |           |

Source: City of Kingston Building Condition Assessments, 2015/16

While the Memorial Centre does have high capital maintenance cost requirements over the next 15 years, the City has shown its commitment to this heritage facility through major upgrades to the facility and the surrounding site in recent years. This includes improvements to the Outdoor Aqua Park and adjacent splash pad and playground. The opportunity exists to further invigorate this facility beyond being an ice-focused asset in the winter months.

### Service Level / Standard of Provision

With 8.5 ice pads in its 'effective' supply, the City currently provides 1 ice pad per 14,565 population (based on 2016 Census data) or 1 ice pad per 502 registered participants (based on 2018 estimated registered participants). The recommended service level target identified in the 2010 Plan was 1 ice pad per 700 registered participants.

| Current Level of Provision    | Recommended Target Level of Provision (as per 2010 Plan) |
|-------------------------------|--|
| 1:14,565 residents            | No recommended target                                    |
| 1:502 registered participants | 1:700 registered participants                            |

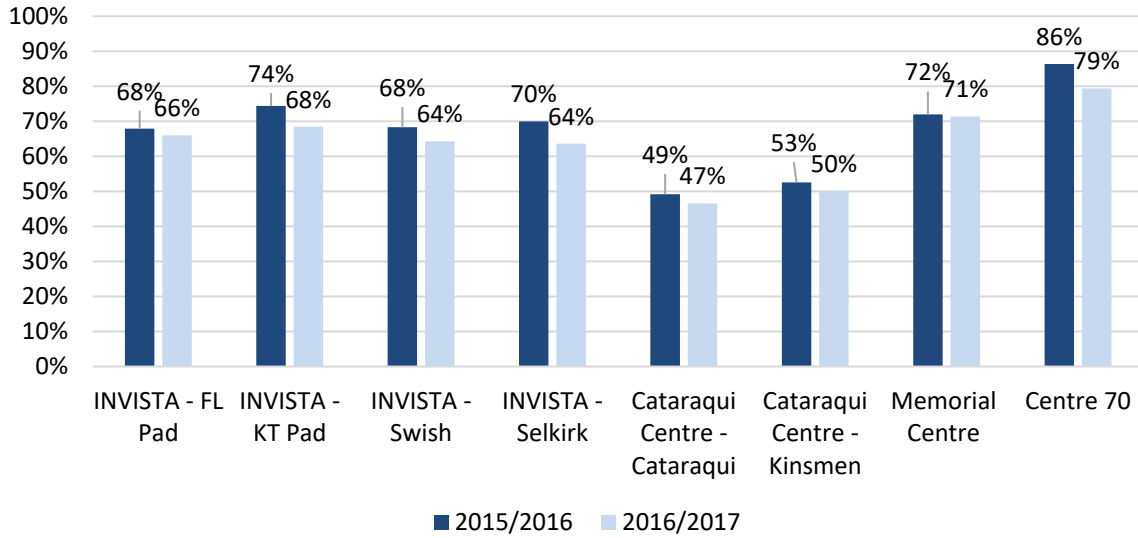
Based on the target service level, there is an existing surplus of 2.0 ice pads in the municipal supply. With participation rates remaining stable, a surplus of 1.4 pads by the end of the Plan period is forecasted. Therefore, no additional ice pads are expected to be required over the Plan period.

| Arena Provision          | 2018                            | 2021       | 2026       | 2031       | 2036       |
|--------------------------|---------------------------------|------------|------------|------------|------------|
| Registered Participants  | 4,269                           | 4,541      | 4,693      | 4,831      | 4,945      |
| Target Standard          | 1 : 700 registered participants |            |            |            |            |
| City-wide Needs          | 6.1                             | 6.5        | 6.7        | 6.9        | 7.1        |
| Existing Supply          | 8.5                             | 8.5        | 8.5        | 8.5        | 8.5        |
| <b>Surplus (Deficit)</b> | <b>2.4</b>                      | <b>2.0</b> | <b>1.8</b> | <b>1.6</b> | <b>1.4</b> |

Utilization

An assessment of the overall (total) usage of the ice pads indicates that many of the City’s pads have space to accommodate additional capacity. Centre 70 has the highest total utilization rates since the number of hours available for use during non-prime times (weekdays during the day) is minimal (250 hours per annum). Interestingly, the ice pads located on the north side of Highway 401, at the Cataraqui Centre, have the lowest overall utilization rates, around 50%.

Exhibit 37: Total Utilization for Ice Pads (2015-2017 Seasons)



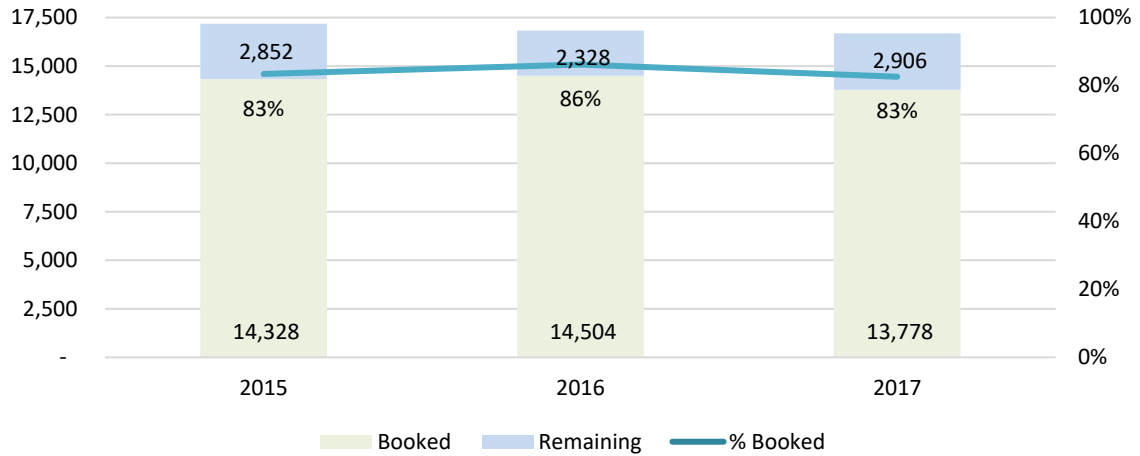
Source: Sierra Planning and Management based on City of Kingston Facility Booking Data, 2015-2017

Ice pad utilization is most often assessed based on the ability to accommodate additional users (or excess capacity) during “prime-time”. The City of Kingston defines prime-time ice as:

- Monday to Friday, 4:30 p.m. to close, and
- Saturday and Sunday, 8:00 a.m. to 12:00 a.m.

The City’s municipal indoor ice facilities are generally well-utilized, with over 80% of the available prime-time consistently booked over the past 3 years.

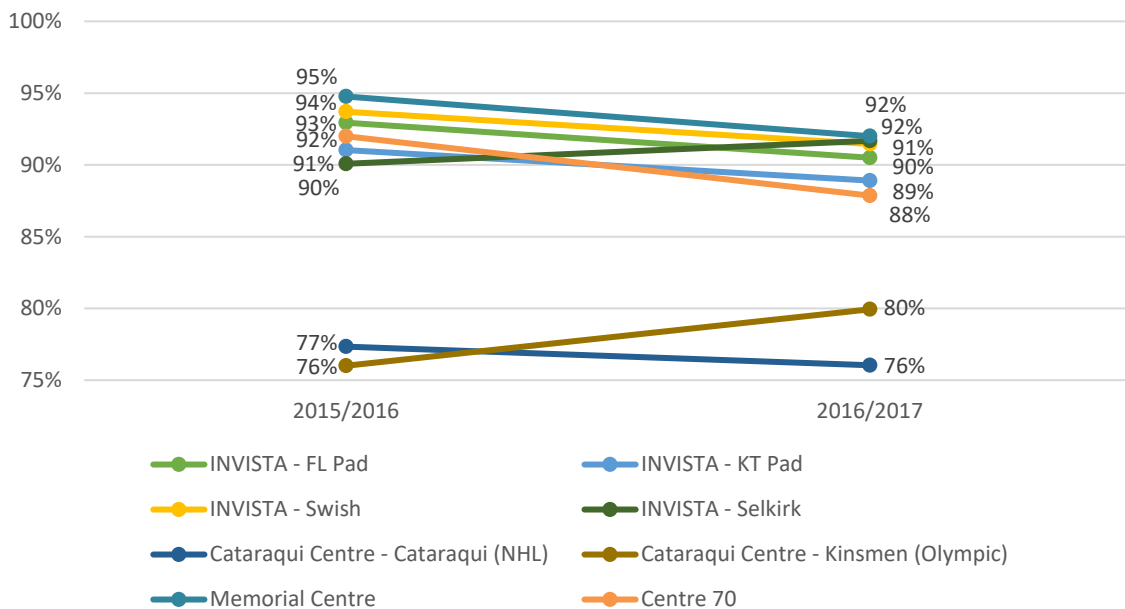
Exhibit 38: Overall Prime-Time Ice Utilization (hours), 2015 to 2017 (across all facilities)



Source: Sierra Planning and Management based on City of Kingston Facility Booking Data, 2015-2017

When looking at the individual facilities, most have prime-time utilization rates higher than 85%, while the two pads at the Cataraqui Centre experience lower rates (76% – 80%). However, with the exception of the Selkirk Pad at the INVISTA Centre and the Kinsmen Pad at the Cataraqui Centre, most arenas have seen a decline in prime-time utilization over the last 2 ice seasons, representing a 3% to 4% total decline across City facilities.

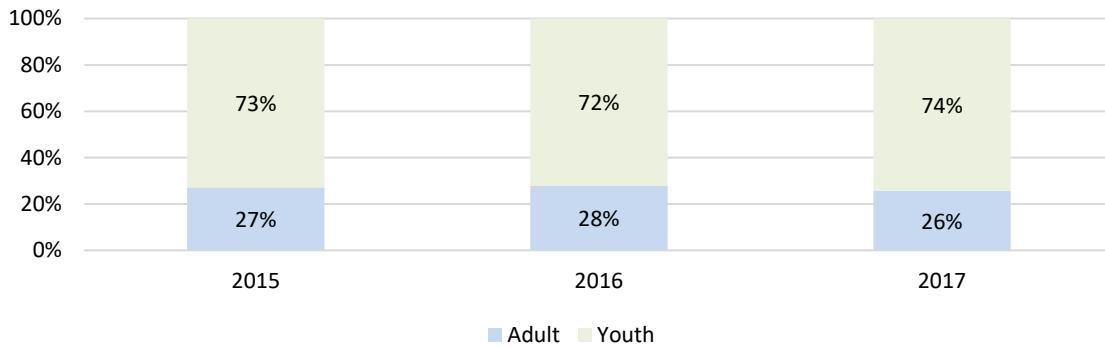
Exhibit 39: 2-Year Arena Prime-Time Ice Utilization (2015/16 – 2016/17)



Source: Sierra Planning and Management based on City of Kingston Facility Booking Data, 2015-2017

As identified in the Ice Allocation Policy, Council supports a minimum of 70% of prime-time ice to be used for youth programming within the usable wintertime allotment. The exhibit below shows the split between youth and adult ice time, which has been above the identified threshold over the past 3 years.

Exhibit 40: Prime-Time Ice Usage by Age Group

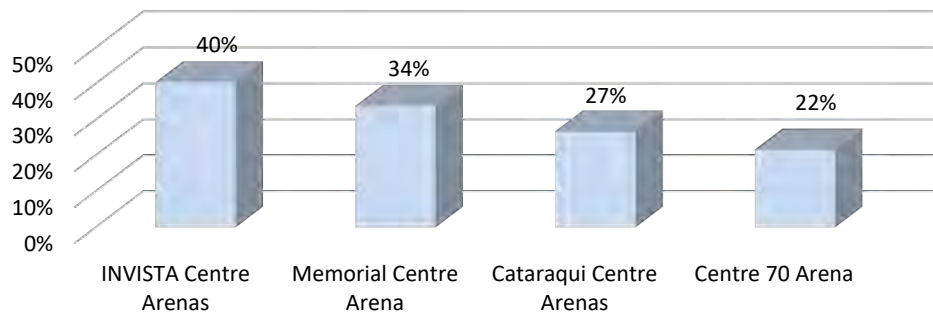


Source: Sierra Planning and Management based on City of Kingston Facility Booking Data, 2015-2017

### What We Heard

With 4 ice pads under one roof, it is not surprising that the INVISTA Centre was identified as the most used arena facility; used by 40% of survey respondents (n=198).

### Use of Arenas



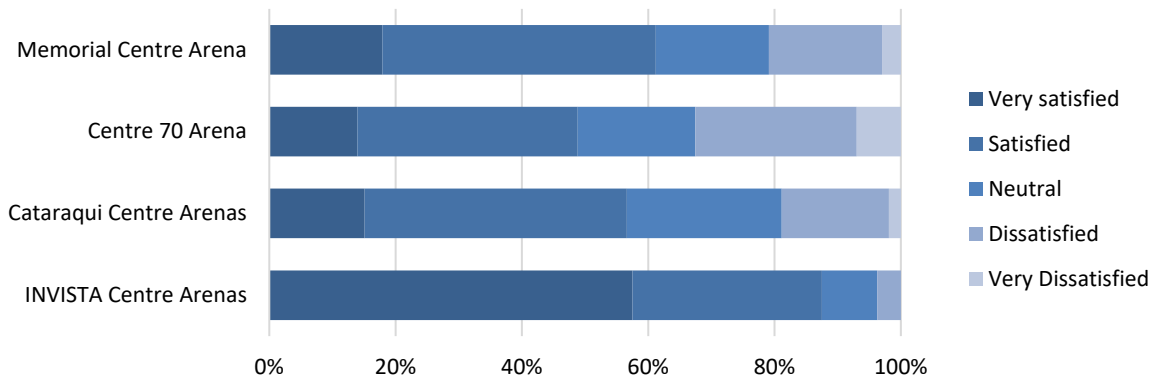
Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Similarly, being a new facility, it is not surprising that the INVISTA Centre has the highest rate of satisfaction among users (58% of users were 'very satisfied' with the facility). This compares to 18%, 15% and 14% of users who were 'very satisfied' with the Memorial Centre, Catarauqui Centre, and Centre 70 arenas respectively.

Centre 70 had the highest level of dissatisfaction (33% of respondents were ‘dissatisfied’ or ‘very dissatisfied’), with many indicating that the facility is very cold in the winter, the dressing rooms are in poor condition, and the building as a whole is in need of general accessibility upgrades and aesthetic improvements.

19% of facility users (n=53) were ‘dissatisfied’ or ‘very dissatisfied’ with the Cataraqui Centre. Issues identified included that the facility is also very cold in the wintertime, and that the dressing rooms are small and in need of general upgrades.

### Satisfaction with Arena Facilities



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Additionally, survey respondents identified that the east end lacks arena facilities, and if new facilities were to be built consideration to include other amenities with arenas (i.e. pool, fitness, multi-purpose rooms, etc.) is important.

The dissatisfaction of Centre 70 and Cataraqui Arenas was echoed in the User Group Survey, where groups indicated that improved maintenance and upkeep of the facilities is needed, as well as Cataraqui Arena having a poor sound system.

Having more multi-pad locations was also identified as a need through user group engagement, in terms of improved ability for tournament hosting.

Some groups felt that the distribution of prime- and non-prime-time ice among user groups could be shared more equitably as per the City’s ice allocation policy.

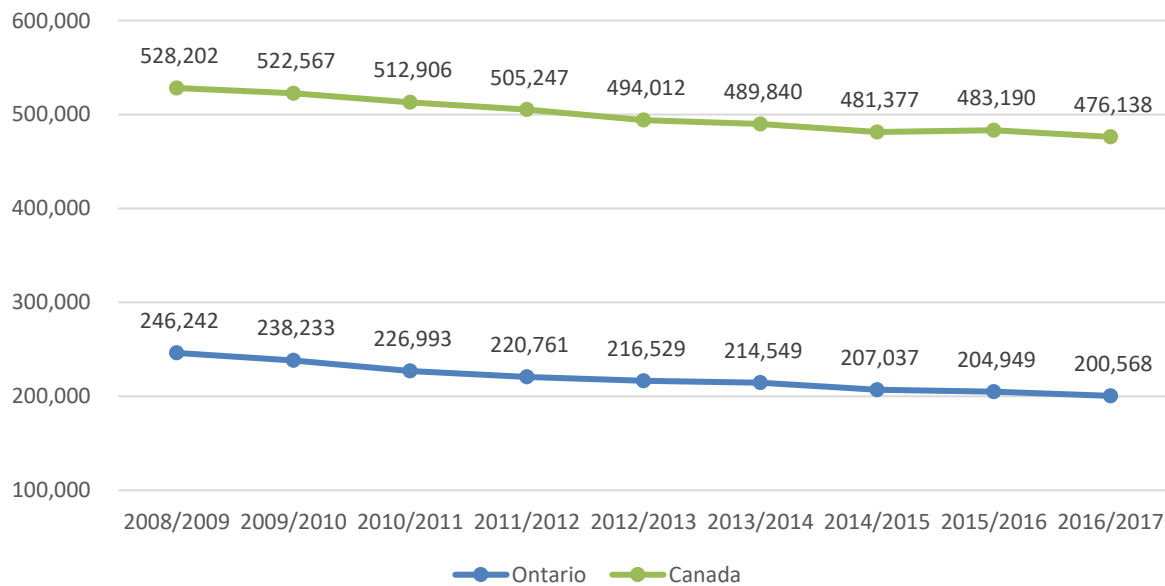
## Participation Trends in Ice Sports

### Ice Hockey

On a national and provincial basis, youth participation in ice hockey has experienced a decline over the past decade. Both Hockey Canada and the Ontario Hockey Federation have seen declining youth registrations (ages 5 to 20) since the 2008/2009 season. Overall registrations across all age categories peaked in the 2014/2015 season in Canada and in 2012/2013 season within Ontario; both have been declining overall since.

Registration in female hockey has decreased since 2008/2009 by 6,876 players (or 15% of total female registrants), while registration in male hockey has decreased by 5,145 players which equates to only 3% of total male registrants over the same period).

Exhibit 41: Youth Registrations in Hockey Canada (Age 5 to 20), 2008/2009 to 2016/2017



Note: Includes Initiation to Juvenile divisions data

Source: Sierra Planning and Management based on Hockey Canada Annual General Meeting Reports

Based on the outcomes of the User Group Survey, respondents indicated that local participation in ice hockey within Kingston is stable (minimal increase or decrease) and is expected to remain stable over the next 5 years.

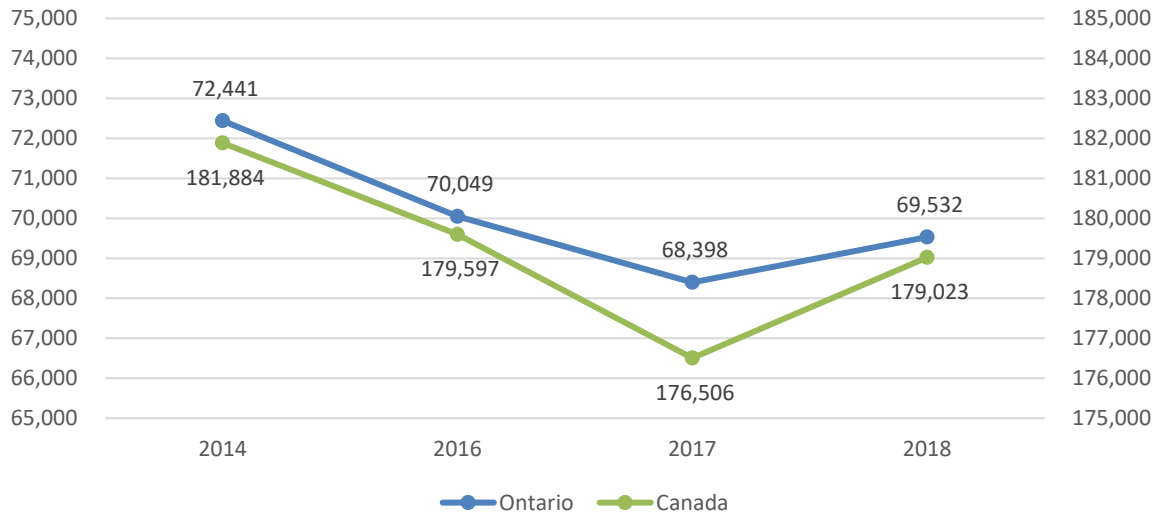
### Ice Skating

Since 2014, total registrations in figure skating has remained fairly steady if not declined slightly on both a national and provincial basis. Ontario experienced a decrease in registrants of 4% (or 2,909



registrants) over the past 4 years; similar decreases were experienced across the prairies and in the north. Whereas, British Columbia, Quebec and the Maritime provinces experienced increased registrations. This accounts for an overall Canada-wide slight decrease (2%) in total registrants (2,861 registrants).

Exhibit 42: Skate Canada Registrations, 2014-2017



Note: Includes total registrants division; 2015 data was not available

Source: Sierra Planning and Management based on Skate Ontario Annual Reports

Based on the outcomes of the User Group Survey, local participation in ice skating within Kingston is quite strong (Skate Kingston has 500 members) and is expected to grow in the short-term.

In addition, local participation in both synchronized skating and speed skating has been stable over the past 5 years and are anticipated to remain stable.

Status of 2010 Master Plan Recommendations: Indoor Ice Rinks / Arenas

| No.    | Recommendation   | Status               | Details   |
|--------|--|----------------------|---|
| 67 (a) | In repurposing the Harold Harvey and/or Cooks Brothers arenas along with their respective parks, facility-specific site evaluations and/or park master plans should be conducted to establish a community vision and preference for leisure activities at these locations. | No Longer Applicable | Cooks Brothers and Harold Harvey arenas have been repurposed. |

| No.    | Recommendation   | Status               | Details   |
|--------|--|----------------------|---|
| 67 (b) | The feasibility of providing two ice pads at the Memorial Centre arena should also be undertaken while ensuring that the overall vision for this site remains consistent with other studies that have been undertaken.   | Pending              | Memorial Centre site has undergone major upgrades.  |
| 68     | Enhance the Centre 70 Arena and evaluate the feasibility of including multi-purpose and community programming space in addition to any other complementary facility components (youth space, older adult/seniors' space or a gymnasium).   | No Longer Applicable | BCA for this facility is projecting excessive costs to maintain the building in the short and long term.                                    |
| 69     | Repurposed arenas should be evaluated for their suitability to youth and older adult and seniors' space. If such facilities are not appropriate within repurposed arenas, they should be located within a new community centre or other existing facilities.   | Ongoing / Continuous | Re-purposing facilities is only undertaken after extensive examination and are constantly being reviewed for effective use of the facility. |
| 73 (a) | <p>Over the long-term, the City should target the provision of 8 community accessible ice rinks plus the K-Rock Centre (whose availability is split between community sports and special events/elite athletics) and the Wally Elmer Arena (whose use is relegated only to pickup and public skating). This would translate into an "effective" supply of 8.5 ice rink equivalents for community-based organized arena users as the K-Rock Centre is considered the equivalent of half an ice rink that is accessible for community use, while the Wally Elmer Arena is excluded from this supply as it is not available for organized sports.</p> <p>To achieve the long-term provision of 8.5 indoor ice rinks, a level of service which has been established is in accordance with needs assessments carried out through this Master Plan and other municipal studies, the City should:</p> | Revision Required    | Considering current ice usage, recommendation needs to be revisited.  |
| 73 (b) | Proceed with plans to decommission and repurpose the Harold Harvey Arena.  | Completed<br>✓       |   |

| No.    | Recommendation   | Status               | Details                               |
|--------|--|----------------------|---------------------------------------|
| 73 (c) | Undertake a study to determine the feasibility of providing a total of two ice pads at the Memorial Centre Arena site.   | Pending              |                                       |
| 74     | Re-evaluate the role of the Wally Elmer ice rink in the long-term in determining the degree of investment that is appropriate to maintain a safe and high-quality environment for its users. | No Longer Applicable | Wally Elmer Rink has been demolished. |

### Considerations for 2021 Master Plan: Indoor Ice Rink / Arena Facilities

- A majority of arenas have high ice utilization rates, however in general, usage has decreased over the past two seasons by 3% to 4% overall. This, combined with provincial and national trends pointing to a general decline in hockey participation rates, indicates that the current level of provision of ice is acceptable.
- Some existing capacity is available at Cataraqui Community Centre to accommodate additional ice usage; however, the facility was identified through consultation as in need of general repairs and improvements and has just 1 NHL size pad.
- Plan for future growth through facility renewal and investment, assessing the feasibility to reinvest in aging arena facilities. Where this is determined to be unfeasible, decommission and relocate their functions to other facilities.

## 8.3 Indoor Aquatics

### Supply

The City owns one (1) indoor aquatics facility, located at the Artillery Park Aquatics Centre. The facility features two salt-water pools - 25-metre 6-lane lap pool (Vicki Keith Pool) and a 15-metre leisure / therapy pool (Leisure Pool) with accessible ramp entry, bubble bench and spray features.

| Municipal Supply:<br>Indoor Aquatics |      |
|--------------------------------------|------|
| 2010                                 | 2021 |
| 1                                    | 1    |

### Non-Municipal Supply

The municipal supply is supplemented by privately-run pools at four (4) locations within Kingston, including:

- Queen’s University (1);
- CFB Kingston (1);
- Boys & Girls Club West End (1);
- YMCA Wright Crescent (1).

The City partners with the Boys & Girls Club West End to provide aquatics programming at the West End Hub.

In addition, the City is currently pursuing a partnership with Loyalist Township to develop a Sustainable Community Hub to replace the outdated W.J. Henderson Recreation Centre in Amherstview. This project would include a new aquatic facility, that will enhance the quantity and quality of aquatics programming available to City of Kingston residents, particularly in the west end. This City has committed to providing a capital investment of \$1.5 million.

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### Geographic Distribution

When considering all aquatics facilities, there is a generally equal spatial distribution across the City. When considering the one City-owned pool, which is centrally located, the west end is lacking, however it is serviced by non-municipal facilities (e.g. Boys and Girls Club) which do not require memberships for access during City-programmed times.

Refer to Appendix C for inventory mapping.

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### Service Level / Standard of Provision

While the City currently only provides one aquatics facility, there are other aquatics facilities located within the city that are open for use by the public (through membership). The Queen’s University and CFB pools are prioritized for students / military personnel, therefore public use is limited and have been counted as 0.25 pools each towards the effective supply.

The Boys and Girls Club West End Hub has a small pool that only has shallow areas, and therefore limited program offering, and is considered as 0.5 pools for the purposes of this analysis. The YMCA Wright Crescent facility is available for public use through their membership program, and therefore counted as 0.5 pool in the effective supply, for a total effective supply of 2.5 pools within the city for use by the public.

With 2.5 pools available for public use, the resulting service level for indoor aquatics facilities is one pool per 49,522 residents (based on 2016 Census data).

The 2010 Plan recommended a level of provision of 1 indoor pool per 45,000 residents; however, it did not consider non-municipal facilities.

| Supply                                      | Current Level of Provision | Recommended Target Level of Provision (as per 2010 Plan) |
|---|----------------------------|--|
| Municipal Supply                            | 1:123,805 residents        | 1:45,000 residents                                       |
| All Aquatics Facilities Open for Public Use | 1:49,522 residents         | 1:45,000 residents                                       |

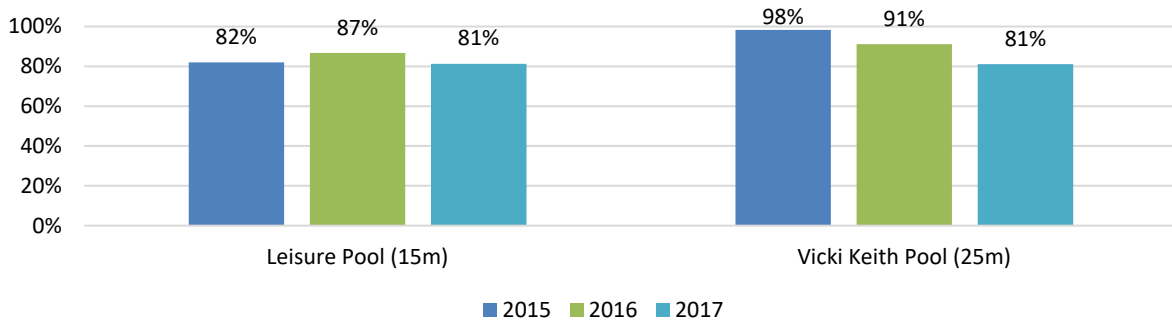
The table below shows the need for aquatics facilities based on the 2016 population and estimated population growth. When considering all aquatics facilities open for public use, the table demonstrates that there is a slight deficit at present, which will become larger by 2036. As it relates to facility needs in the future, it is important to consider that with only one municipal aquatics facility (and a second one being planned in partnership with Loyalist Township), the City heavily relies on non-municipal aquatics facility over which it does not have control related to ensuring access to the public.

| Indoor Aquatics Provision | 2016                  | 2021         | 2026         | 2031         | 2036         |
|---------------------------|-----------------------|--------------|--------------|--------------|--------------|
| City Wide Population      | 123,805               | 131,700      | 136,100      | 140,100      | 143,400      |
| Target Standard           | 1 : 45,000 population |              |              |              |              |
| City-wide Needs           | 2.8                   | 2.9          | 3.0          | 3.1          | 3.2          |
| Existing Supply           | 2.5                   | 2.5          | 2.5          | 2.5          | 2.5          |
| <b>Surplus (Deficit)</b>  | <b>(0.3)</b>          | <b>(0.4)</b> | <b>(0.5)</b> | <b>(0.6)</b> | <b>(0.7)</b> |

### Utilization

Based on utilization data provided by the City for 2015, 2016 and 2017, over 5,000 hours per annum are booked for programming and rentals of an available 6,205 hours at the Artillery Park Aquatic Centre pools. The Leisure Pool utilization has stayed relatively stable, peaking in 2016, with 5,394 hours booked out of 6,222 available hours, while the Vicki Keith Pool has experienced a 17% decline in utilization over the same period. Discussions with aquatic staff indicated that the highest demand is for the warm water Leisure Pool.

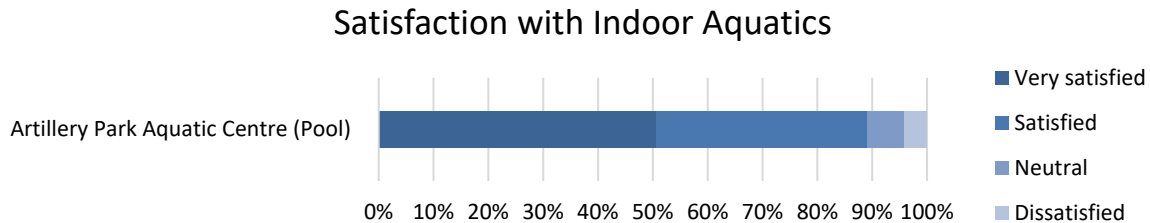
Exhibit 43: Total Utilization of Pools at Artillery Park Aquatic Centre (2015 – 2017)



Based on membership data provided by the City, 80% of residents who had a membership in 2017 utilized Artillery Park Aquatic Centre in some way. Person visits at the Artillery Park Aquatic Centre totaled 102,000 in 2017, accounting for 75% of membership scans across all facilities; a majority of which is likely attributable to the Centre being the only City-run aquatics facility. It should be noted that membership data is not considered to be reliable, as the logistical set-up of the facility enables multiple persons to enter the pool area with one card scan.

## What We Heard

In terms of satisfaction, 37% of public survey respondents identified that they use and are generally satisfied with the indoor aquatic facilities at Artillery Park. Half (51%) of respondents identified that they are 'very satisfied' and an additional 38% are 'satisfied' with the pool facility.



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Opportunities identified for improvement include:

- Showers in the changeroom and the family pool are often cold;
- Cleanliness of changerooms is a concern;
- Need for gender neutral changerooms /washrooms;
- Pool and changeroom are typically very busy during family swim times; and
- Sauna is not warm enough.

35% of respondents who indicated the City needed additional facilities identified an indoor pool as the top priority for future investment. Specific considerations identified by respondents included that it be of a competition size (25m) and quality (depth, adequate deck space, etc.), accessible by transit, and located in the west end of the city (north end was also mentioned).

Discussions with aquatics staff indicated that the pool area is currently limited by the distance from the pool to the changeroom, and that there is a lack of storage. Staff also indicated that it is difficult to clean / maintain the changerooms because there is no downtime between programs, and it is constantly occupied. Additionally, the family / accessible changerooms were identified as being very small.

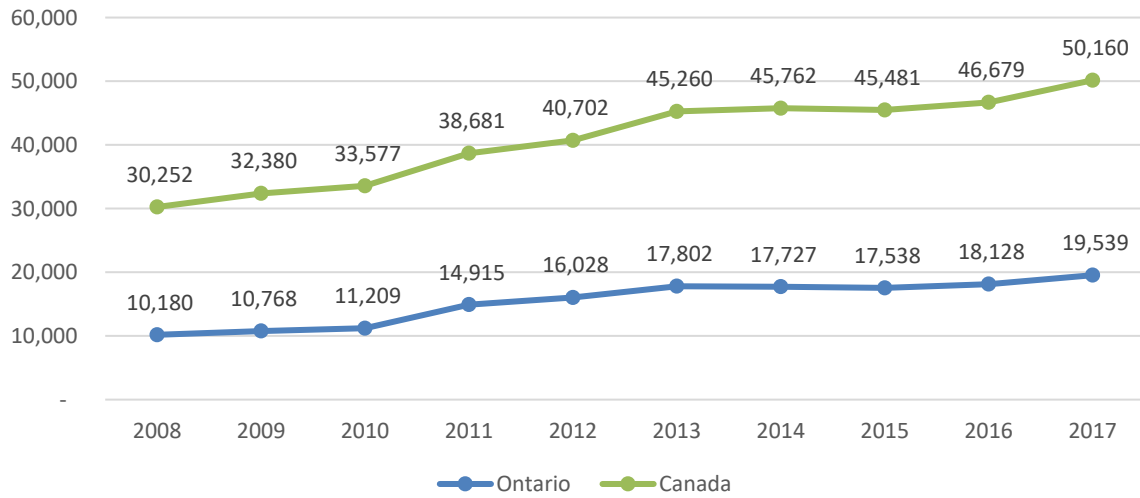
User groups indicated that there are lane constraints at the Artillery Park pool – the lanes are quite narrow and not suitable for strong swimmers. They also would like to see a municipal pool in the city's west end.

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## Participation Trends in Aquatic Sports

On both a national and provincial scale, participation in swimming, whether competitive or otherwise, is on the rise. According to Swimming Canada, total registrations have increased in both Ontario and Canada-wide over the past ten years, by 92% and 66% respectively.

Exhibit 44: Total Registrations in Swimming Canada, 2008 to 2017



Source: Sierra Planning and Management based on Swimming Canada Annual Reports

Based on the outcomes of the User Group Survey, local participation in aquatics has increased steadily over the last 5 years and is anticipated to continue to grow.

Status of 2010 Master Plan Recommendations: Indoor Aquatics

| No. | Recommendation  | Status            | Details   |
|-----|---|-------------------|---|
| 75  | Proceed with the construction of a 25 metre aquatic facility with a leisure component at the INVISTA site.  | Revision Required | Partnered with Boys & Girls Club West End location to increase capacity for aquatic programming to the city's West End. Additionally, a number of Kingston residents register for aquatics programming at the neighbouring Loyalist Township Recreation Centre. |
| 76  | The Artillery Park Aquatics Centre (APAC) should be repositioned to better respond to drop-in recreational swimming opportunities (attractive to the casual swimmer) while ensuring that this pool is able to accommodate aquatic programming capable of meeting the needs of older adults and seniors (a | Completed<br>✓    | APAC was completely renovated and opened in May of 2014.  |



| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
|     | <p>market segment expected to see substantial growth in the future, thus suggesting programming oriented to the 55+ population should be a key area of focus at all municipal indoor pools). Artillery Park should also be evaluated for its ability to be expanded in a manner that provides a higher quality experience, such as incorporating family change rooms and improving access for the disabled.</p> |                      |   |
| 77  | <p>Re-evaluate the need for indoor pools once the proposed aquatic facility has been operating for at least three years, and at the end of the planning period to determine when the need for a third indoor aquatic facility can be justified.</p>   | In Progress          | <p>To be completed as part of the Master Plan Update process.</p>   |
| 78  | <p>Develop a public education and awareness campaign in Aquatics surrounding the need for all families to learn to swim including drowning and water incident prevention. Targeted presentations and assistance to families to access pools and swimming lessons should also accompany the public education plan.</p>   | Ongoing / Continuous | <p>Drowning prevention is an ongoing promotion program at aquatic facilities and through the Swim to Survive Programs offered. Drowning prevention ads are also placed in the Recreation and Leisure Guide.</p> |

**Considerations for 2021 Master Plan: Indoor Aquatics Facilities**

- Need for additional City-owned aquatics facilities is still prevalent through community and stakeholder consultation. An indoor pool was identified as the #1 priority for future investment for indoor facilities by respondents to the public survey.
- Focus on partnering with Loyalist Township to improve access to new aquatics facility in the west end.
- Co-location of pools with other recreation amenities as previously recommended is important – the new facility in Amherstview is proposed to have fitness facilities as well (which City residents will also have access to at the same price as Township residents).
- Consideration for tournament and competition hosting abilities when developing aquatics facilities.

## 8.4 Gymnasiums

### Supply

There are two (2) gymnasiums within the City’s supply, located at Artillery Park Aquatic Centre (APAC) and Rideau Heights Community Centre and Library (RHCC).

| Municipal Supply: Gymnasiums |      |
|------------------------------|------|
| 2010                         | 2021 |
| 1                            | 2    |

A new gymnasium is proposed at the planned Kingston East Community Centre, which will increase the municipal supply to 3 gymnasiums (in 2021).

### Non-Municipal Supply

There are a number of additional gymnasiums provided within Kingston in non-municipal facilities, including:

- Queen’s University (5);
- CFB Kingston / RMC (1);
- Boys and Girls Club West End Hub (1);
- YMCA Wright Crescent (1);
- Within various churches and other places of worship; and
- Within local primary and secondary schools.

### Service Level / Standard of Provision

The City is currently providing gymnasiums on a basis of 1 gymnasium per 61,903 residents.

| Current Level of Provision | Recommended Target Level of Provision (as per 2010 Plan) |
|----------------------------|--|
| 1:61,903 residents         | 1:40,000 residents                                       |

The following table identifies the current and future need for gymnasiums based on the current and estimated populations. With the planned addition of a third gymnasium in 2021, the City will improve its level of service, even with anticipated population growth, to be more in line with the recommended target level identified in the 2010 Plan, however a deficit will still exist over the Plan period.

| Gymnasium Provision      | 2016                  | 2021         | 2026         | 2031         | 2036         |
|--------------------------|-----------------------|--------------|--------------|--------------|--------------|
| City Wide Population     | 123,805               | 131,700      | 136,100      | 140,100      | 143,400      |
| Target Standard          | 1 : 40,000 population |              |              |              |              |
| City-wide Needs          | 3.1                   | 3.3          | 3.4          | 3.5          | 3.6          |
| Existing / Future Supply | 2.0                   | 3.0          | 3.0          | 3.0          | 3.0          |
| <b>Surplus (Deficit)</b> | <b>(1.1)</b>          | <b>(0.3)</b> | <b>(0.4)</b> | <b>(0.5)</b> | <b>(0.6)</b> |

## Utilization

Booking data from the City indicates that the gymnasium at Artillery Park was booked for 2,507 hours of an available 6,100 hours in 2017. This translates into a 41% utilization rate.

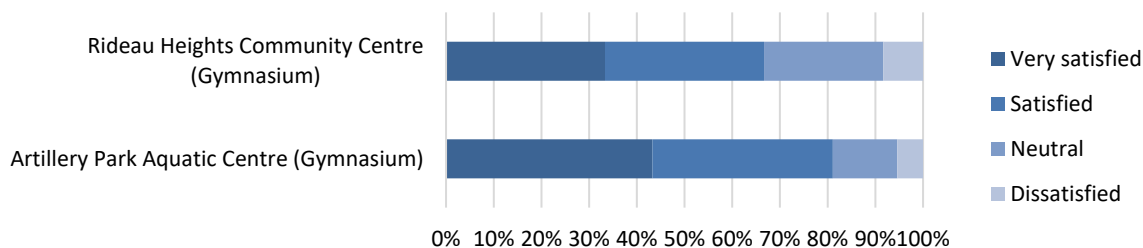
Utilization data for the gymnasium at Rideau Heights Community Centre and Library was not available at the time of reporting as it is a new facility.

## What We Heard

6% and 19% of public survey respondents utilize the gymnasiums at the RHCC and APAC respectively, and are generally satisfied with the facilities. Some respondents identified that the lines on the gym floor at RHCC are difficult to see across the court, especially when playing badminton and pickleball.

Respondents to the user group survey indicated that the City needs more full-size gymnasiums for adult league play (i.e. volleyball, basketball, etc.). Additional appropriately sized gym space is required to run many sports leagues.

### Satisfaction with Gymnasiums



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

## Status of 2010 Master Plan Recommendations: Gymnasiums

| No. | Recommendation   | Status         | Details  |
|-----|--|----------------|--|
| 79  | Assess the possibility of including a gymnasium at the Wally Elmer Neighbourhood Centre as part of the recommended dedicated youth space. If gymnasium demands continue to persist after this development, a second new gymnasium may be considered at the | Completed<br>✓ | RHCC contains a full-size gymnasium and opened to the public on April 21 <sup>st</sup> , 2018. An additional gymnasium is planned at the KECC (to open in 2021). |

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
|     | INVISTA Centre (or alternative location deemed appropriate by the City).  |                      |  |
| 80  | Investigate ways to facilitate access to gymnasiums by negotiating agreements with key non-municipal partners such as schools, places of worship, ethnic/social clubs, etc. | Ongoing / Continuous | City programs are currently offered in schools, community centres and places of worship. In kind contributions provide the City with free access to gymnasiums that are currently being rented to deliver recreational programs. These costs are currently budgeted for in the City's operational budget and would provide the City with free access for a period of five (5) years. |

#### Considerations for 2021 Master Plan: Gymnasiums

- In addition to those gymnasiums located in membership-based facilities, the City's municipal gymnasiums are supplemented by school board gymnasiums (30+), which are typically used in the evenings and on weekends. However, these facilities often have time and use restrictions which can result in scheduling and programming challenges and are not an appropriate size to accommodate adult recreational play (i.e., volleyball, etc.).
- As new municipal (or other) facilities develop, the potential exists to include new gymnasiums to ensure that residents have access to appropriately sized gyms that serve as flexible spaces for a variety of indoor activities. Explore opportunities to partner with non-municipal agencies to provide these spaces in non-municipal facilities.

## 8.5 Fitness Centres

### Supply

The City has two (2) fitness centres within its supply, located at the INVISTA Centre and Artillery Park Aquatic Centre.

| Municipal Supply:<br>Fitness Centre |      |
|-------------------------------------|------|
| 2010                                | 2021 |
| 2                                   | 2    |

### Non-Municipal Supply

The municipal supply is supplemented by institutionally- or privately-run fitness centres at numerous locations within Kingston, including:

- Queen’s University (2);
- CFB Kingston (1);
- YMCA Wright Crescent (1); and,
- Private fitness centres (i.e. Goodlife Fitness, Planet Fitness, etc.).

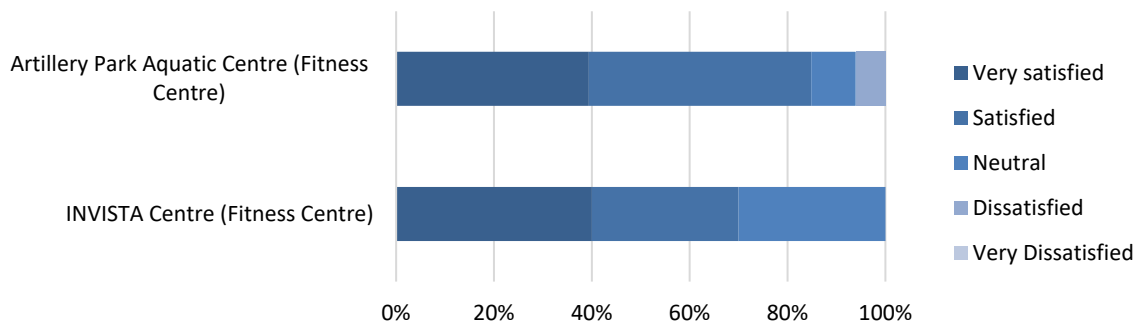
A fitness centre is being developed as part of the new Kingston East Community Centre, and an additional fitness centre is proposed to be part of the new sustainable community hub being developed in partnership with Loyalist Township, which will enable City residents to access the facilities at the same rate as Township residents.

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### What We Heard

The fitness centre at Artillery Park was used by more survey respondents (17%) than that at the INVISTA Centre (10% of respondents). Generally, respondents were satisfied with the City’s fitness centres at both locations, while the INVISTA Centre Fitness Centre has a higher overall rate of satisfaction.

#### Satisfaction with Fitness Centre Facilities



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Status of 2010 Master Plan Recommendations: Fitness Centres

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 81  | The City should continue to operate the training club facility at the Artillery Park Aquatic Centre and the INVISTA Centre. Any new full-service clubs should be supported by a market demand and business planning process prior to expansion into this market.   | Ongoing / Continuous | Development of an additional fitness centre site as part of the new Kingston East Community Centre plan. |
| 82  | Through the parkland development and renewal process, integrate infrastructure that promotes fitness and active living in outdoor spaces. This would also include connecting open spaces (in accordance with policies of the Cycling and Pathways Study) to allow active transportation opportunities to take place between municipal parks and open spaces. | Ongoing / Continuous | The City is also working with KCAT, Kingston Coalition for Active Transportation on this issue.          |

Considerations for 2021 Master Plan: Fitness Centres

- It is expected that the City will continue in its role as a secondary provider of fully supervised community fitness opportunities over the life of the Master Plan. The City should explore community partnerships for operating any future fitness centres.
- To complement the indoor fitness offer, there is the opportunity to explore the feasibility of developing outdoor fitness equipment within parks and open spaces.

## 8.6 Multi-Purpose Space

### Supply

The municipal supply of multi-purpose rooms is comprised of the following facilities:

- Artillery Park Aquatic Centre (3);
- Cataraqui Community Centre (3);
- Centre 70 (1);
- INVISTA Centre (4);
- Kingston Memorial Centre (1);

| Municipal Supply:<br>Multi-Purpose Rooms |      |
|--|------|
| 2010                                     | 2021 |
| 18                                       | 19   |

- Portsmouth Community Centre (4); and
- Rideau Heights Community Centre and Library (3).

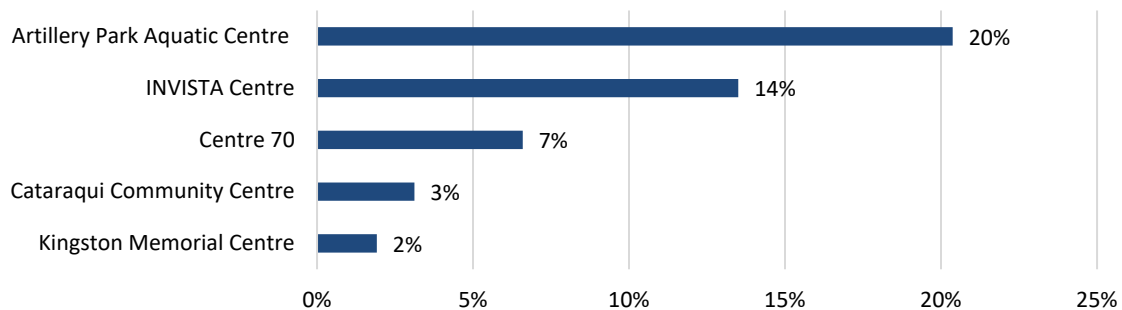
Two (2) additional multi-purpose rooms are proposed to be located at the planned Kingston East Community Centre.

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### Utilization

Based on booking data provided by the City, the multi-purpose rooms at Artillery Park were used the most with an average of 20% of available hours being booked in 2017, followed by the multi-purpose rooms at the INVISTA Centre (14% utilization rate). Multi-purpose spaces within the older facilities had lower utilization rates, as these are likely less desirable for rental purposes.

Exhibit 45: Average Utilization Rates for Multi-Purpose Rooms by Facility, 2017



Source: Sierra Planning and Management based on City of Kingston Facility Booking Data, 2017

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### Service Level / Standard of Provision

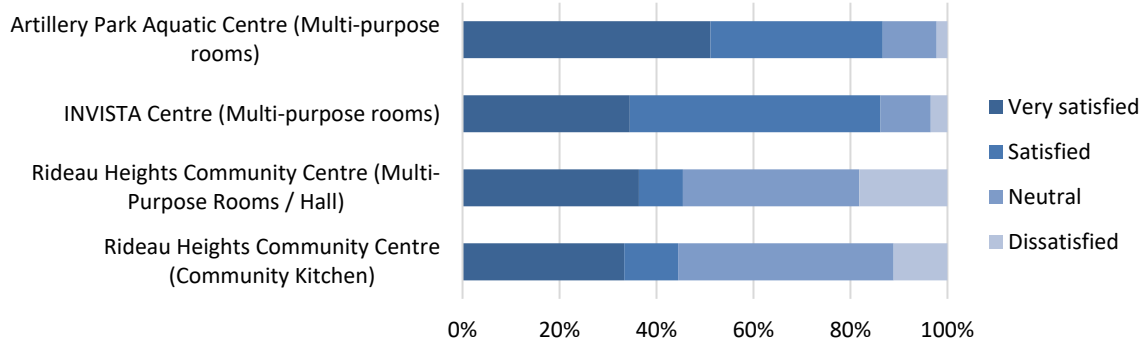
The City is currently providing multi-purpose community space on a basis of 1 community space per 6,516 residents. These spaces are typically provided on a community-specific basis (i.e. the ability to be incorporated as part of a new facility, need for spaces to support programming, rentals and other activities), and therefore there is no meaningful comparable service level.

| Current Level of Provision | Recommended Target Level of Provision (as per 2010 Plan) |
|----------------------------|--|
| 1:6,516 residents          | No Target  |

What We Heard

While the RHCC is a newly opened facility, some public survey respondents had utilized its community kitchen (5% of respondents) and multi-purpose spaces (6% of respondents) at the time of the survey. The more established spaces at INVISTA Centre and APAC had a higher number of respondents (15% and 23% respectively) who indicated that they had used the space(s) within the past year.

Satisfaction with Multi-Purpose/Other Spaces



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

The opportunity to utilize the larger hall at the RHCC and the multi-purpose room at the APAC for fitness and dance classes were specifically identified. This would likely require the installation of mirrors.

Status of 2010 Master Plan Recommendations: Multi-Purpose Space

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 83  | Ensure that user groups’ needs are being adequately met within the current supply of multi-use spaces through regular consultations.  | Ongoing / Continuous | Working with user groups on sports field and facility upgrades and construction.      |
| 84  | Ensure that additional multi-use program space is being provided as the population grows, with a focus placed upon attaining adequate spatial distribution of such facilities. As an example, the City may use arena re-configurations/repurposing and community centre construction as an opportunity to add additional multi-use space. | Ongoing / Continuous | Multi-purpose spaces are included in design of future Kingston East Community Centre. |



### Considerations for 2021 Master Plan: Multi-Purpose Space

- Potential to revitalize, reconfigure or otherwise repurpose some of the underutilized multi-purpose spaces (at the older community centres) for more diverse uses.
- Continue best practice of co-locating multi-purpose room / flexible community spaces within new facilities as they develop. Consideration for support amenities within new multi-purpose spaces to include storage, durable flooring material, sinks / kitchenette, etc.

## 8.7 Youth Space

### Supply

The municipal supply of youth spaces is focused at the Rideau Heights Community Centre and Library which has a non-dedicated youth space (multi-purpose and shared with other programming).

| Municipal Supply:<br>Youth Space |      |
|----------------------------------|------|
| 2010                             | 2021 |
| 0                                | 1    |

### Non-Municipal Supply

The Boys and Girls Club of Kingston provides youth-oriented programming and dedicated youth space at its two Kingston locations – the West End Hub and the Central Hub (Robert Meek Community Youth Centre). This is in addition to satellite programs offered in four area public schools.

### What We Heard

Youth centres ranked second (14% of respondents) in terms of priorities for indoor facility investment over the next 5 to 10 years. As previously identified, the top priority for investment was indoor aquatics.

Through the community engagement process, it was identified that there is a lack of activities and spaces (be it indoor or outdoor) designed for youth within the west end.

### Trends in Youth Spaces

Youth space typically includes a mix of leisure and active facilities such as gymnasiums, lounge spaces, games rooms and computer/work areas. Youth spaces are generally designed to provide safe, non-judgmental and supervised environments for youth to engage in educational and leisure activities.

An appropriate standard of provision for dedicated youth space is a product of both population-based and geographic considerations. Youth typically have limited mobility outside of public transit and as such, youth space should be made available at locations that can be easily accessed by

public transit. This is currently the focus of the Y2K initiative, ensuring that youth can access the available resources – whether it is physically or by other means.

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### Status of 2010 Master Plan Recommendations: Youth Space

The 2010 Plan recommended exploring the feasibility of including a dedicated youth space at Wally Elmer (now RHCC), Memorial Centre and /or Centre 70, with consideration to accessibility issues (refer to Section 8.4 Gymnasiums, Recommendation 79 above). The RHCC has non-dedicated youth space, while the City partners with the Boys and Girls Club West End Hub which provides youth-dedicated space.

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### Considerations for 2021 Master Plan: Youth Space

- In order to uphold the “Youth Friendly Community” designation, partnerships with local organizations in the city will be critical to providing dedicated and drop-in spaces and programming for youth.
- Community feedback indicates that there is a need for youth spaces / activities particularly within the west end. There have been suggestions for developing something similar to the former Celebrity Sports World (indoor sports and activities).
- As new municipal (or other) facilities develop or existing facilities are renovated/repurposed, the potential exists to include new dedicated and/or non-dedicated youth space and active amenities (within parks). Key considerations include spatial distribution within the city as well as ease of accessibility (i.e. transit access).

## 8.8 Older Adult Space

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### Supply

The municipal supply of older adult space is provided by means of a non-dedicated space at the Rideau Heights Community Centre and Library where space is provided during senior’s program times, and is provided in partnership with the Seniors Association.

| <b>Municipal Supply:<br/>Older Adult Space</b> |             |
|--|-------------|
| <b>2010</b>                                    | <b>2021</b> |
| 0  | 1           |

The City also facilitates access to dedicated space for older adults through leasing a municipal property to the Seniors Association Kingston Region (SAKR), which delivers services directly to older adults in the community in a central location.

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### What We Heard

Older adult / seniors’ centres ranked third in terms of priority, as 12% of respondents identified it as one of their top 3 priorities for indoor facility investment over the next 5 to 10 years.

### Trends in Older Adult Spaces

Nationally and provincially, it has been recognized that older adults today are more active and financially capable compared to preceding generations. Subsequently, individuals are living for longer periods of time. However, many municipalities have come to acknowledge that the older adult population is not homogeneous and the social and recreation preferences of ‘younger’ older adults can differ dramatically from those of ‘older’ older adults. The former tends toward intergenerational programs and spaces, range in activity levels and interests include lectures and educational experiences. ‘Older’ older adults, despite a range of interests, trend towards lower intensity activities and place a higher value on opportunities to socialize with individuals of their generation. The provision of dedicated older adult space is of greatest benefit to the latter.

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### Status of 2010 Master Plan Recommendations: Older Adult Space

The 2010 Plan called for the inclusion of older adult-oriented space at the INVISTA Centre meet the growing needs of this demographic (refer to Section 8.1 Multi-Purpose Community Centres, Recommendation 69 above). Alternative sites were also suggested in order to enable equitable spatial distribution across the city. Since this time, the City has expanded its partnership with the Seniors Association for additional programming at Rideau Heights Community Centre and Library and in the city’s west end, some of which occurs at the Boys and Girls Club West End Hub.

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### Considerations for 2021 Master Plan: Older Adult Space

- Partnerships with local groups (i.e. Seniors Association) are important to enable the provision of dedicated and drop-in spaces and programming for older adults within Kingston. This should continue.
- Consideration for equitable spatial distribution of older adult-oriented spaces across the city, with both urban and rural opportunities.

## 9 Assessment of Outdoor Recreation Amenities

The following provides an overview and assessment of the outdoor amenities that are owned and operated by the City of Kingston. This includes rectangular fields, ball diamonds, outdoor sport courts, outdoor aquatics facilities, playgrounds, skateboard and BMX parks, beach volleyball courts, dog parks, ice rinks, marinas and boat launches, among others.

### **What We Heard: Public Online Survey Feedback on Outdoor Recreation Amenities**

40% of respondents (n=198) use City-owned outdoor recreation facilities, meaning parks, open space, trails and the amenities found within them at least half of the time, while 12% of respondents only utilize the City's outdoor facilities.

Those who use 'other facilities' identified that they primarily use local conservation areas (i.e. Lemoine Point, Marshlands, etc.), CFB Kingston, MTB Kingston (mountain biking facility), and Kingston Tennis Club.

In terms of satisfaction, outdoor ice rinks had the highest level with 90% of users indicating that they are 'satisfied' or 'very satisfied', followed by marinas and running tracks with over 60% satisfaction. Beaches had the highest rate of dissatisfaction with nearly 40% identifying that that were 'dissatisfied' or 'very dissatisfied'.

Additional comments received at the Community Workshop related to outdoor recreation facilities included:

- Improved maintenance of existing facilities. In particular, tennis courts and washrooms were identified.
- Improved / additional opportunities for lake swimming.

## 9.1 Rectangular Fields

### Supply

The City owns and/or maintains 52 rectangular sports fields in City parks. The inventory includes two (2) artificial turf fields located at the INVISTA Centre (CaraCo Home Field) and at John Machin Fields Park. The artificial turf fields can accommodate greater frequency of use, an extended playing season, and require less maintenance and upkeep as compared to natural turf fields. In addition, a range of field sports can be accommodated on the artificial surface, including rugby, football, soccer, field lacrosse, etc.

| <b>Municipal Supply:<br/>Rectangular Sports Fields <sup>24</sup></b> |             |                   |
|--|-------------|-------------------|
|  | <b>2010</b> | <b>2021</b>       |
| Senior Artificial (lit)  | 0           | 2 (4 FE)          |
| Senior (lit)   | 5 (7.5 FE)  | 5 (7.5 FE)        |
| Senior (unlit)   | 10          | 13                |
| Junior (unlit)   | 11          | 9                 |
| Mini (unlit)   | 35          | 23 (11.5 FE)      |
| <b>Total</b>   | <b>63.5</b> | <b>52 (45 FE)</b> |

The balance of the rectangular field inventory is comprised of natural turf fields, including senior lit and unlit fields, junior, and mini fields, providing varying levels of facility quality and development. The rectangular field inventory is summarized below.

It should be noted that one (1) new natural turf rectangular field is planned at Champlain Park, however the field size is not known at this time.

Once field equivalency has been factored in, the ‘effective’ supply of rectangular fields is 45 unlit natural turf fields. It is important to note that over half of the supply consists of junior or mini fields, which cannot accommodate adult league play.

In addition to being used for soccer, Woodbine Park, John Machin Park and McCullough Park are also the primary locations for hosting tournaments and special events related to football and ultimate frisbee.

### Non-Municipal Supply

In addition to the municipal supply, Kingston has 15 privately-owned and operated fields, including those at CFB Kingston, RMC, Queen’s University, and St. Lawrence College, while local school properties provide over 30 sports fields of varying sizes. Public use of these fields is typically limited to when they are not in use by military personnel or students respectively.

<sup>24</sup> Fields are shown in ‘field equivalents’, where 1.0 lit artificial turf field equals 2.0 unlit fields, and 1.0 lit senior / junior natural turf field equals 1.5 unlit fields, and mini fields equals 0.5 fields.

Exhibit 46: City of Kingston Rectangular Sports Field Inventory

| Facility Name                      | Class | Senior    |          |           | Junior (3/4 size) | Mini (<60m) | Total     | Combo | Tournaments / Special Events | Field Equivalency |
|------------------------------------|-------|-----------|----------|-----------|-------------------|-------------|-----------|-------|------------------------------|-------------------|
|                                    |       | Turf, Lit | Lit      | Unlit     | Unlit             | Unlit       |           |       |                              |                   |
| CaraCo Home Field / INVISTA Centre | A     | 1         |          | 1         |                   |             | 2         | 1     |                              | 3.0               |
| Highgate Park                      | A     |           |          | 1         |                   |             | 1         |       |                              | 1.0               |
| Katings (Catons) Soccer Field      | A     |           | 1        | 1         |                   |             | 2         | 1     | Youth, adult                 | 2.5               |
| Woodbine Park                      | A     |           | 2        | 2         | 2                 | 2           | 8         |       | Youth, adult                 | 9.0               |
| Jim Beattie Park                   | A/B   |           | 2        |           |                   | 1           | 3         |       | Youth, adult                 | 4.0               |
| John Machin Fields Park            | A/B   | 1         |          | 2         | 3                 | 4           | 10        |       | Youth                        | 11.0              |
| Max Jackson Memorial Park          | A/C   |           |          | 1         |                   | 1           | 2         |       |                              | 2.0               |
| McCullough Park (Central)          | A/C   |           |          | 3         |                   | 2           | 5         |       | Youth, adult                 | 5.0               |
| Bayridge Park                      | B     |           |          |           |                   | 2           | 2         |       |                              | 2.0               |
| Grenadier Park                     | B     |           |          |           |                   | 2           | 2         |       |                              | 2.0               |
| Old Colony Park                    | B     |           |          |           | 2                 |             | 2         |       |                              | 2.0               |
| Portsmouth Soccer Fields           | B     |           |          |           | 2                 |             | 2         |       |                              | 2.0               |
| Shannon Park                       | B     |           |          | 1         |                   |             | 1         | 3     |                              | 1.0               |
| Ashton Park                        | C     |           |          |           | 1                 | 1           | 2         |       |                              | 2.0               |
| Bexley Gate Park                   | C     |           |          |           |                   | 1           | 1         |       |                              | 1.0               |
| City Park                          | C     |           |          |           | 1                 |             | 1         |       |                              | 1.0               |
| LaFleur Park                       | C     |           |          |           |                   | 1           | 1         |       |                              | 1.0               |
| Newcourt Park                      | C     |           |          |           |                   | 2           | 2         |       |                              | 2.0               |
| Birchwood Park                     | -     |           |          |           |                   | 1           | 1         |       |                              | 1.0               |
| Elmwood Park                       | -     |           |          |           | 1                 |             | 1         |       |                              | 1.0               |
| Markers Acres Park                 | -     |           |          | 1         |                   |             | 1         |       |                              | 1.0               |
| Starr Reid Park                    | -     |           |          |           |                   | 1           | 1         |       |                              | 1.0               |
| Westbrook Park                     | -     |           |          |           |                   | 1           | 1         |       |                              | 1.0               |
| <b>Total</b>                       |       | <b>2</b>  | <b>5</b> | <b>13</b> | <b>9</b>          | <b>23</b>   | <b>52</b> |       |                              | <b>45</b>         |

### Geographic Distribution

There are 23 park locations with rectangular fields across the city. The current distribution of sports fields includes 10 stand-alone field locations that are not combined with other sports fields; however, some are co-located with ball diamonds and/or other sports facilities in the same park. In terms of providing support facilities for sports programming (i.e., washrooms, storage, concessions, lighting, parking, etc.) and from an operating and maintenance perspective, consolidating multi-field configurations in larger City-wide or District parks is preferable over single field locations.

Refer to Appendix C for inventory mapping.

### Service Level / Standard of Provision

The current level of provision is based on the ‘effective’ supply and takes into consideration the field equivalents. It also assumes that those residents using the fields are typically under the age of 65.

| Current Level of Provision        | Recommended Target Level of Provision (as per 2010 Plan) |
|-----------------------------------|--|
| 1: 2,228 residents under 65 years | 1:2,000 residents  |
| 1:126 registered participants     | No recommended target                                    |

While the 2010 Plan did not identify a recommended target level of provision of rectangular fields based on registered participants, in order to maintain the existing standard, a target of 1 rectangular field (unlit equivalent) per 125 -130 total registered participants is recommended for Kingston going forward. When assessed on a population basis (considering those under the age of 65, there is a deficit of 2.6 unlit field equivalents by 2036. Therefore, the projections indicate a long-term need for 2-3 additional rectangular fields by the end of the Plan period.

| Rectangular Field Provision | 2018                                      | 2021         | 2026         | 2031         | 2036         |
|-----------------------------|---|--------------|--------------|--------------|--------------|
| Registered Participants     | 5,675                                     | 5,888        | 5,853        | 5,946        | 6,005        |
| Target Standard             | 1 : 125-130 total registered participants |              |              |              |              |
| City-wide Needs             | 45.0                                      | 46.7         | 46.5         | 47.2         | 47.7         |
| Existing Supply             | 45.0                                      | 45.0         | 45.0         | 45.0         | 45.0         |
| <b>Surplus (Deficit)</b>    | <b>(0.0)</b>                              | <b>(1.7)</b> | <b>(1.5)</b> | <b>(2.2)</b> | <b>(2.7)</b> |

As the community evolves over time, participation rates in sports that utilize rectangular fields will need to be closely monitored through continuous consultation with field users to understand the supply and demand in the future. Optimization of existing fields through the addition of lighting (at existing senior field locations) can reduce the need for new fields to be built.

Utilization

Prime-time hours for artificial turf fields include:

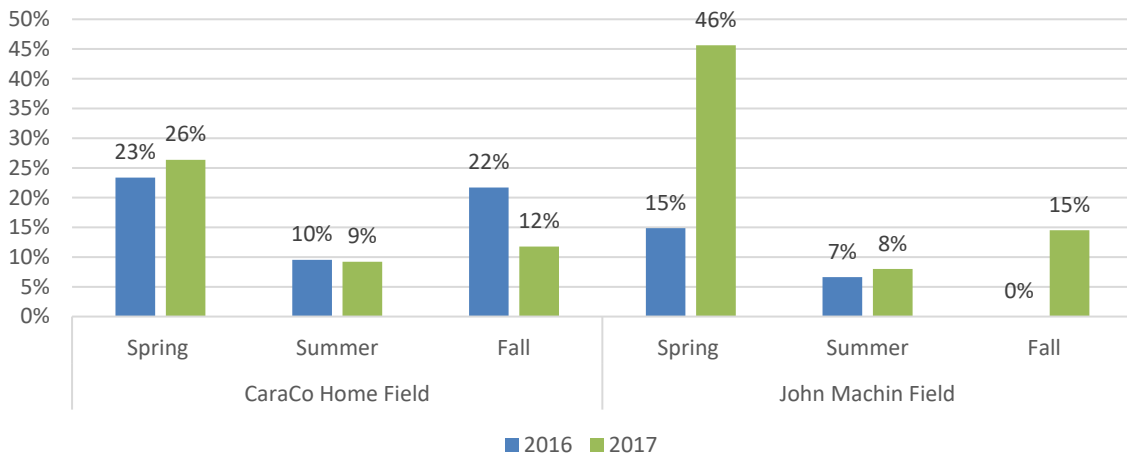
- 6:00pm to 11:00pm Weekdays (Monday to Friday) in Spring and Fall;
- 6:00am to 11:00pm Weekends (Saturday and Sunday) in Spring and Fall; and
- 6:00am to 11:00pm every day in the Summer.

Using field booking data provided by the City, utilization rates were calculated for the two artificial turf fields:

|                   | 2016 Utilization |             |               | 2017 Utilization |             |               |
|-------------------|------------------|-------------|---------------|------------------|-------------|---------------|
|                   | Hrs. Available   | Hrs. Booked | % Utilization | Hrs. Available   | Hrs. Booked | % Utilization |
| CaraCo Home Field | 2,892            | 378         | 13%           | 2,894            | 343         | 12%           |
| John Machin Field | 2,312            | 170         | 7%            | 2,713            | 324         | 12%           |

This can be further analyzed by season with the highest utilization rates on both fields occurring in the springtime. Utilization of CaraCo Home Field has increased marginally over the two-year period, while springtime utilization of John Machin Field has increased from 15% to 46% with a majority of the additional hours being booked for use by soccer clubs.

Exhibit 47: Artificial Turf Field Utilization Rates (% booked), 2016 and 2017



Source: Sierra Planning and Management based on City of Kingston data, 2016-2017



## What We Heard

In terms of satisfaction, nearly 80% of rectangular field users were ‘satisfied’ or ‘very satisfied’ with the quality of these facilities, when considering facility age, associated amenities, condition, and maintenance to rate their satisfaction.

Rectangular field improvements identified by public survey respondents included more regular mowing and maintenance (e.g., leveling, patching of ruts and holes), the inclusion of shaded areas for spectators, improved player and spectator seating, and access to washrooms during games. These sentiments were echoed in the user group survey, which indicated that the City’s maintenance and field upkeep is not consistent and required improvement.

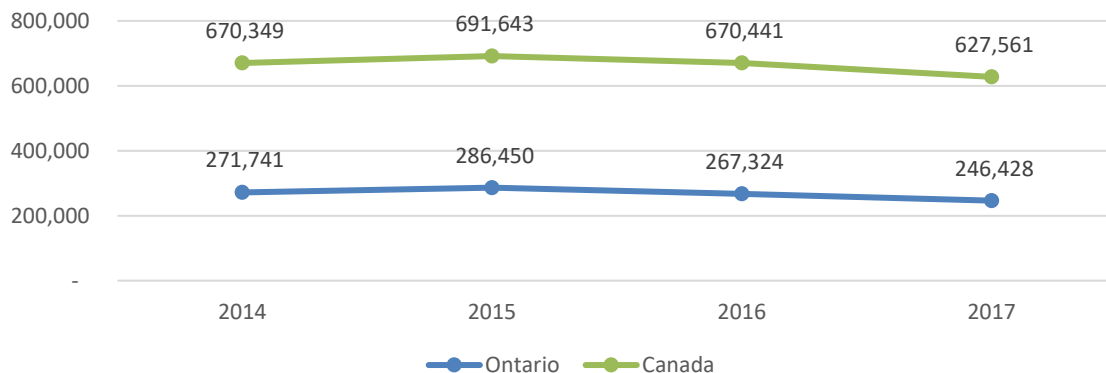
Additionally, one user group indicated the need for a larger size field (i.e., 140m x 160m for Australian Football League of Ontario) in the city.

## Participation Trends in Field Sports

According to the 2010 General Social Survey, soccer was the second highest ranking sport to draw between 500,000 and 1 million participants annually (hockey was first). In addition, soccer was among the top 3 most practiced sports among children ages 5 to 14 with 42% of Canadians participating in the sport<sup>25</sup>.

However, over the past four years, Canada Soccer has recorded an overall decline in the number of youth registrations within Ontario, which experienced a decline of 9% or 25,313 youth registrations, as well as nation-wide with a 6% (or 42,788) decrease youth registrations.

Exhibit 48: Youth Registrations in Canada Soccer, 2014 to 2017



Source: Sierra Planning and Management based on Canada Soccer Annual Reports

<sup>25</sup> 2010 Sports Participation, Canada Heritage, 2013.

Based on the outcomes of the User Group Survey, survey responses indicate that participation in soccer within Kingston has decreased slightly over the past 5 years, while it is anticipated to remain stable at the current level over the next five years.

Communities across the province are experiencing increasing participation in new and emerging sports that typically utilize rectangular fields including but not limited to rugby, Australian football, and cricket, where field dimensions vary from a rectangular configuration.

Status of 2010 Master Plan Recommendations: Rectangular Fields

| No. | Recommendation   | Status               | Details  |
|-----|--|----------------------|--|
| 86  | Continue with plans to develop two multi-use fields at John Machin Park and an artificial turf field at the INVISTA Centre site to meet the needs of a range of field sport users. Over and above these developments, a total of three new soccer fields are required by the end of the master planning period (2026) provided that the City also undertakes a concurrent process to replace existing mini fields with full size fields and improve field conditions of selected full-size fields, as appropriate. | Completed<br><br>✓   | Artificial turf field at John Machin Fields opened in 2014 and at the INVISTA Centre in 2016.  |
| 87  | The development of new sports fields is encouraged within large multi-field complexes and/or suitable existing parks. The provision of lighting and irrigation/drainage systems at appropriate fields in order to increase the capacity of the field to accommodate play and decrease the amount of time required for turf regeneration.   | In Progress          | Various field and turf upgrades to 18 soccer fields occurred in 2011/12. New soccer practice field is to be developed in Champlain Park. |
| 88  | Work to maintain agreements that permit access to key non-municipal sports fields, such as certain school properties, in order to meet facility needs while also looking at other community-based partnerships to bolster the supply of sports fields.   | Ongoing / Continuous | Reciprocal usage discussions with school boards in concert with discussions regarding usage of the artificial turf field at INVISTA.     |
| 89  | Consider the needs of sports field user groups such as rugby and football and assess the possibility of forming partnerships with these groups to evaluate field provision and the possibility of allocating dedicated sports fields.  | Ongoing / Continuous | Field allocation reviewed annually. Caton's 1 Soccer Field was converted to multi-use with rugby/football goal posts.                    |

| No. | Recommendation  | Status               | Details  |
|-----|---|----------------------|--|
| 90  | As stated in the Sports Field Allocation Policy, soccer and other sports field user groups should be required to provide registration numbers prior to the field permitting process. Collection of registration data will allow the City to more accurately monitor trends and forecast future sports field needs over the long term. | Ongoing / Continuous | Update to Sports Field Allocation Policy currently underway. |

### Considerations for 2021 Master Plan: Rectangular Fields

- Forecasted need for 2 – 3 additional rectangular fields to 2036.
- Senior facilities can be utilized / configured by all age groups and abilities, therefore, multi-field locations with full-size facilities are preferred over single field locations with smaller field sizes.
- Potential for continued partnerships, like that currently being undertaken with the Francophone school boards, to develop shared fields and other park amenities.
- Consider optimizing capacity and improving utilization of existing fields through the joint use of facilities through partnerships, a review of allocation policies for organized use of fields, and the addition of lighting on senior fields that are currently unlit. This can reduce the need to build new fields within the city in the future.
- Continue to consult with user groups, through an annual field allocation meeting, to understand issues and opportunities related to field supply and monitor demand.
- Consider providing flexible open spaces of sufficient size to accommodate informal outdoor sports of all kinds in locations where there is an adequate amount of parkland.
- Consider strategic improvements to existing amenities associated with rectangular fields (e.g., shaded areas, for spectators, player and spectator seating, and access to washrooms at high use sites).

## 9.2 Indoor Turf Field Houses

### Supply

There are currently no indoor turf sport fieldhouses within the municipal supply, however the artificial turf field at John Machin Fields is equipped with the grade beam to support a dome structure.

### Non-Municipal Supply

There are two non-municipal field turf domes within Kingston that operate year-round:

- CFB Kingston in the east end; and
- A privately-operated dome in the west end.

### What We Heard

Investment in indoor sports fields was ranked as the top priority by 8% of public survey respondents (n=189), while nearly half of respondents identified it within their top 3 priorities for investment.

Respondents to the user group survey cited a lack of municipal indoor turf facilities for winter sport use (e.g. baseball and soccer training).

### Trends in Indoor Turf Sports Fieldhouses

Indoor turf facilities are becoming increasingly common throughout the province. These facilities provide access to field sports, indoor walking and running on a year-round basis. Fields are built so that they can be divided into two or more smaller fields, providing multiple users the opportunity to play.

### Status of 2010 Master Plan Recommendations: Indoor Turf Sport Fieldhouses

| No. | Recommendation   | Status      | Details   |
|-----|--|-------------|---|
| 85  | Investment in an indoor turf facility should be considered in partnership with a third party who is willing to contribute capital and operational resources to the proposed facility so long as supported through a feasibility study, market analysis and business plan that should be carried out prior to proceeding with the initiative. | In Progress | John Machin artificial turf field was developed with infrastructure to be economically turned into indoor turf facility in the winter months if need (plug and play). Not currently partnered for dome use. |

### Considerations for 2021 Master Plan: Indoor Turf Sport Fieldhouses

- Consider local market conditions and potential partnerships with existing facilities for municipal investment to support the need for indoor turf fields prior to developing a new facility on municipal property.

### 9.3 Ball Diamonds

#### Supply

The City’s current supply of ball diamonds consists of 50 unlit field equivalent ball diamonds (where lit fields are counted as 1.5 unlit equivalents due to increased playing time in the evening).

The ball diamond inventory is comprised of natural turf fields and includes senior lit and unlit fields (clay infield), junior lit and unlit fields (clay infield) and informal or practice fields (gravel or grass infields), providing varying levels of facility quality and development.

| <b>Municipal Supply:<br/>Ball Diamonds</b> |             |                   |
|--|-------------|-------------------|
|  | <b>2010</b> | <b>2021</b>       |
| Senior (lit)                               | 9 (13.5 FE) | 12 (18 FE)        |
| Senior (unlit)                             | 32          | 1                 |
| Junior (lit)                               | -           | 4 (6 FE)          |
| Junior (unlit)                             | -           | 18                |
| <b>Total</b>                               | <b>45.5</b> | <b>35 (43 FE)</b> |

Informal diamonds - those diamonds with only a backstop or a limited infield/outfield – have not been counted as part of the supply due to the limited playing capacity, however the Master Plan recognizes that they do exist. These informal diamonds are located at the following park locations: Rotary, Hudson, Bexley Gate, Lawrence, Cataraqui Woods, Compton, Keyes, and Highgate.

It should be noted that lighting is currently planned to be installed at the two La Salle Park diamonds, which would increase the ‘effective’ supply to 44 unlit fields.

The ball diamond inventory is summarized on the following page.

#### Non-Municipal Supply

In addition to the municipal supply, Kingston has a number of additional fields, including those at CFB Kingston, RMC, and local school properties, which vary considerably in size and quality. Public use of these fields is typically limited to when they are not in use by military personnel or students respectively.

Exhibit 49: City of Kingston Ball Diamond Inventory

| Facility Name                        | Class | Senior    |          | Junior   |           | Total     | Use               | Tournaments / Special Events | Field Equivalent |
|--------------------------------------|-------|-----------|----------|----------|-----------|-----------|-------------------|------------------------------|------------------|
|                                      |       | Lit       | Unlit    | Lit      | Unlit     |           |                   |                              |                  |
| Bayridge Park                        | A     |           |          | 1        |           | 1         | Softball          | Youth                        | 1.5              |
| Cloverdale Park                      | A     | 3         |          |          | 1         | 4         | Softball          | Youth, Adult                 | 5.5              |
| Garrigan Park                        | A     | 1         |          |          |           | 1         | Softball          |                              | 1.5              |
| Pierson Park                         | A     | 2         |          |          |           | 2         | Softball          |                              | 3                |
| Woodbine Park                        | A     | 3         |          | 1        |           | 4         | Baseball/Softball | Youth, Adult                 | 6                |
| Cricket Field                        | B     |           |          |          | 2         | 2         | Baseball/Softball | Youth                        | 2                |
| John Brewer Park                     | B     | 1         |          |          |           | 1         | Softball          |                              | 1.5              |
| Kingston Memorial Centre             | B     |           |          |          | 2         | 2         | Softball          |                              | 2                |
| La Salle Park                        | B     |           |          | 1        | 2         | 3         | Softball          | Youth                        | 3.5              |
| Megaffin Park                        | B     | 1         |          |          |           | 1         | Baseball          | Youth, Adult                 | 1.5              |
| Optimist Field                       | B     | 1         |          |          |           | 1         | Softball          |                              | 1.5              |
| Ronald Lavalee Memorial Kiwanis Park | B     |           |          |          | 2         | 2         | Baseball/Softball |                              | 2                |
| Shannon Park                         | B     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Westbrook Park                       | B     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Oakridge Park                        | C     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Shannon's Corners Park               | C     |           |          | 1        |           | 1         | Softball          |                              | 1.5              |
| Victoria Park                        | C     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Grenadier Park                       | -     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Hemlock Downs Park                   | -     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Hillview Park                        | -     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Third Avenue Park                    | -     |           |          |          | 1         | 1         | Softball          |                              | 1                |
| Veterans Field                       | -     |           |          |          | 1         | 1         | Baseball          |                              | 1                |
| Meadowcrest Park                     | -     |           | 1        |          |           | 1         | Softball          |                              | 1                |
| <b>Total</b>                         |       | <b>12</b> | <b>1</b> | <b>4</b> | <b>18</b> | <b>35</b> |                   |                              | <b>43</b>        |

### Geographic Distribution

There are 31 park locations with ball diamonds within the city. The current distribution of diamonds includes 24 stand-alone field locations, many of which are informal diamonds. Some of these diamonds are co-located with other recreational facilities in the same park. Consolidating multi-field configurations in larger City-wide or District parks is preferable over single field locations.

Refer to Appendix C for inventory mapping.

### Service Level / Standard of Provision

The current level of provision is based on the ‘effective’ supply and takes into consideration the field equivalents. It also assumes that those residents using the diamonds are typically under the age of 65.

| <b>Current Level of Provision</b>  | <b>Recommended Target Level of Provision (as per 2010 Plan)</b> |
|------------------------------------|---|
| 1:2,332 residents (under 65 years) | 1:3,000 residents   |
| 1:92 registered participants       | No recommended target   |

With a current standard (based on 2016 Census data) of 1 diamond per 2,332 residents under the age of 65, the city is providing ball diamonds at a higher standard than the recommended target of 1 per 3,000 residents as set out in the 2010 Master Plan. However, a preferred provision target is often based on participation levels when evaluating the capacity of ball diamonds. A recommended target level of provision of ball diamonds based on registered participants was not provided within the 2010 Plan, however, observed provision levels within comparable communities are typically in the range of 1 ball diamond per 80 registered youth participants to 100 total registered participants. In order to maintain existing service levels, a target of 1 diamond per 90 - 95 total registered participants is recommended for Kingston going forward.

The following table assumes that the proportion of the population participating in ball diamond sports remains constant over the next 15 years; however, while baseball clubs anticipate an increase in participation, the reality is that the population is expected to age, and youth populations will decline over the same period. This could result in a decline of participation levels for diamond sports over the Plan period and will continually need to be monitored in order to fully understand the demand and supply for ball diamonds over the long-term.

The table below indicates a forecasted deficit of 2 to 3 diamonds by the end of the Plan period based on the existing standard (based on estimated registered participants in 2018) of 1 diamond per 92 total registered participants. However, as identified through engagement activities, optimizing existing fields through the implementation of lighting and/or extending the field lengths to better accommodate adult play is where the need truly lies. Therefore, simply maintaining the existing standard as is, maintains the existing disfunction of the ball diamond supply. In order to

satisfy the needs of the adult leagues over the Plan period, enlarging undersized diamonds will improve the overall utilization of diamonds, and may reduce or negate the need for increasing the number of diamonds.

| <b>Ball Diamond Provision</b> | <b>2018</b>                             | <b>2021</b>  | <b>2026</b>  | <b>2031</b>  | <b>2036</b>  |
|-------------------------------|---|--------------|--------------|--------------|--------------|
| Estimated Participants        | 3,952                                   | 4,100        | 4,076        | 4,141        | 4,182        |
| Target Standard               | 1 : 90-95 total registered participants |              |              |              |              |
| City-wide Needs               | 43.0                                    | 44.6         | 44.3         | 45.0         | 45.5         |
| Existing Supply               | 43.0                                    | 43.0         | 43.0         | 43.0         | 43.0         |
| <b>Surplus (Deficit)</b>      | <b>0.0</b>                              | <b>(1.6)</b> | <b>(1.3)</b> | <b>(2.0)</b> | <b>(2.5)</b> |

## Utilization

While booking data is not available for ball diamonds, user groups indicated that the availability of diamonds, in particular full-size senior fields for adult play, has been problematic causing them to have to seek out fields in other locations outside of Kingston.

## What We Heard

About 50% of users of the City's ball diamonds and batting cages were 'satisfied' or 'very satisfied' with the quality of facilities when considering the same factors as identified above.

Respondents identified the need for improved ball diamonds to enable tournament hosting capabilities (i.e., fenced 4 diamond complex), as well as additional full-size softball diamonds (for adult play) as many are not built to standard dimensions, covered player benches, improved spectator seating, and nearby washroom facilities. Other comments related to the 'dissatisfaction' of ball diamonds were specific to the idea that gravel diamonds should be changed to sand infield, that one diamond at Woodbine Park is in need of fencing, and that some diamonds do not have any player or spectator seating.

The highest level of 'dissatisfaction' was in relation to the batting cages, while no specific reasons for this were provided, there were suggestions for additional batting cages to be located at Lasalle Park, Bayridge Park, Henderson Park or Cloverdale Park.

User groups indicated that the condition / maintenance of softball diamonds was unsatisfactory, namely City Park, Garrigan Park, McGaffin Park (uneven infield and evening sun screening requirements), Memorial Park, Pierson Park, Cloverdale Park, and Victoria Park. Groups indicated that they would like information from the City's Public Works Department regarding how they may potentially get involved in diamond maintenance (i.e., before a game begins).

Feedback also indicated that there is currently a lack of appropriately sized softball diamonds for adult play. This refers to 60/90 diamonds where the pitcher's mound is 60 feet, 6 inches from home plate, the bases are 90 feet apart, and the outfield fencing is 320 feet (minimum) along the baseline.

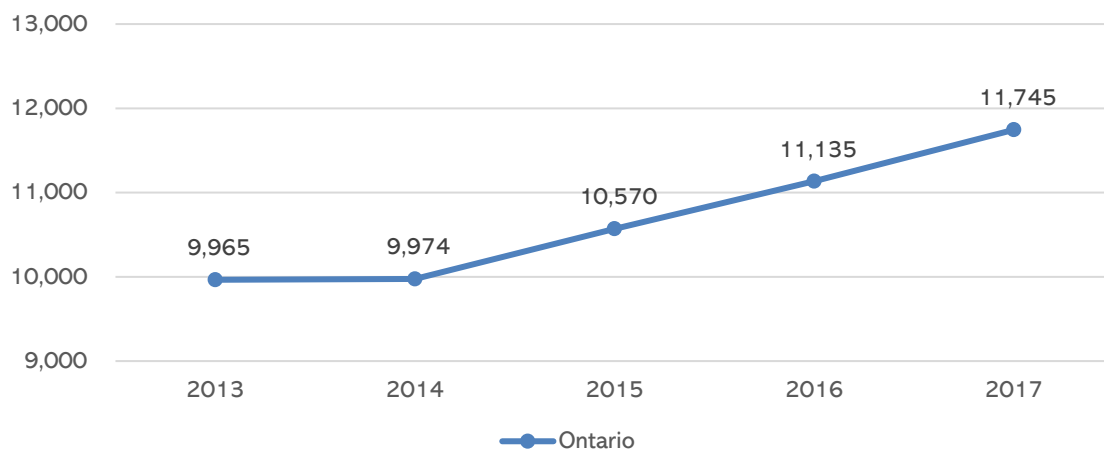


Similarly, the availability and ease of booking and obtaining permits for use were raised as issues that require attention. It should be noted that in March 2019, the City implemented a new recreation registration and booking software, which aims to address these issues.

### Participation Trends in Baseball

Over the past 5 years, baseball in Ontario has experienced an 18% increase in youth registrants (or 1,780 players). Registration in local baseball leagues typically fluctuates in conjunction with the popularity or overall success of the local sports teams (i.e., Toronto Blue Jays making the play-offs in 2015).

Exhibit 50: Youth Registrations in Baseball Ontario, 2013-2017



Note: Includes Rookie Minor to Midget divisions data

Source: Sierra Planning and Management based on Baseball Ontario Annual General Meeting Reports

Based on the outcomes of the User Group Survey, survey responses indicate that participation in minor baseball within Kingston has increased over the past 5 years and is expected to continue to increase over the next 5 years, whereas participation in softball has remained steady or decreased over the same period.

Status of 2010 Master Plan Recommendations: Ball Diamonds

| No. | Recommendation   | Status  | Details  |
|-----|--|---------|--|
| 91  | As stated in the Sports Field Allocation Policy, baseball, softball and other stakeholder groups should be consulted to gather feedback regarding actual participation rates, field quality, maintenance issues, and projected usage. This would allow the City to establish appropriate standards and strategies for field renewal and/or development, as well as a strategy to address maintenance concerns at key “in-demand” ball diamond locations. | Ongoing | Sports field user group meetings are held annually. Public Works Department maintain high standards to assure that field maintenance and renewal satisfies the demands of all user groups. |
| 92  | The City should evaluate its lower quality, neighbourhood level diamonds to identify and assess opportunities for re-purposing the space for other uses, including facilities identified as being in need and for creating un-programmed space within some parks.  | Pending | More information regarding usage patterns is required.   |
| 93  | The development of new ball diamonds should be permitted only in cases where it is necessary to provide for equitable geographic distribution, or where it is required to enhance the function of existing ball field complexes; proper justification must be provided and could be subject to the removal of an equivalent number (at a minimum) of ball diamonds from the active inventory.  | Pending | More information regarding usage patterns is required.   |

Considerations for 2021 Master Plan: Ball Diamonds

- Forecasted need for 2 to 3 additional unlit ball diamond equivalents to 2036.
- The City requires a comprehensive understanding of the current utilization of all ball diamonds in Kingston to determine existing and future needs.
- Potential to improve the capacity and usability of fields that have been identified as being in poor condition / in need of upgrade. For example, the addition of lighting to diamonds increases the time available for play in the evenings and can reduce the need for new diamonds to be built.

- A lack of 60/90 diamonds for adult league play. Assessing existing diamonds at select multi-diamond locations for extending the field should be undertaken (e.g., Cloverdale Park, Woodbine Park) to determine the feasibility of upgrading at least two junior and/or senior fields to meet adult softball requirements in the short-term. This can improve the supply without building new diamonds.

Any new ball diamonds built in the future should be developed to meet adult ball requirements, given that opportunities to expand existing fields are likely limited. Multi-diamond development is preferred over single diamond configurations and lighting should be provided where possible (e.g., City and District Parks).

## 9.4 Tennis Courts

### Supply

The City owns and maintains 26 tennis courts across Kingston. This has increased slightly since 2010. All courts are unlit.

| Municipal Supply: Tennis Courts |      |      |
|---------------------------------|------|------|
|                                 | 2010 | 2021 |
| Tennis court                    | 25   | 26   |

Exhibit 51: City of Kingston Tennis Court Inventory

| Facility Name                        | Tennis Courts | Multi-Use / Shared |
|--------------------------------------|---------------|--------------------|
| Bayridge Park                        | 5             | ✓*                 |
| Belle Park                           |               |                    |
| Compton Park                         | 2             |                    |
| Friendship Park                      | 1             |                    |
| Grenadier Park                       | 2             | ✓*                 |
| Henderson Park                       | 6             | ✓*                 |
| John Brewer Park                     | 2             |                    |
| Madoma Park                          | 2             | ✓*,**              |
| Polson Park                          | 2             |                    |
| Riverview Park                       | 2             | ✓**                |
| Ronald Lavalee Memorial Kiwanis Park | 1             |                    |
| Victoria Park                        | 1             |                    |
| <b>Total</b>                         | <b>26</b>     |                    |

\*pickleball lines are painted on tennis court facilities.

\*\* includes basketball hoops and lines.

Bayridge Park and Belle Park tennis courts are identified within the City’s Sports Field Allocation Policy as the primary locations for tennis tournament and special event hosting for both youth and

adults. Bayridge Park has the infrastructure for 6 courts, however only 5 are in use at present due to the poor condition of the 6<sup>th</sup> court.

### Non-Municipal Supply

Within the city, there are 17 additional tennis courts that are under private or institutional ownership, including:

- CFB / RMC (5, unlit);
- Queen’s University (2, unlit);
- Kingston Tennis Club (7, 3 of which are lit); and
- Local school boards (3, unlit).

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### Geographic Distribution

With 12 parks having City-run tennis facilities, the geographic distribution is generally focused within the central area of the city.

Refer to Appendix C for inventory mapping.

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### Service Level / Standard of Provision

The City’s current level of provision for tennis courts on a population basis is 1 tennis court per 4,762, which is in line with the level of provision recommended in the 2010 Plan.

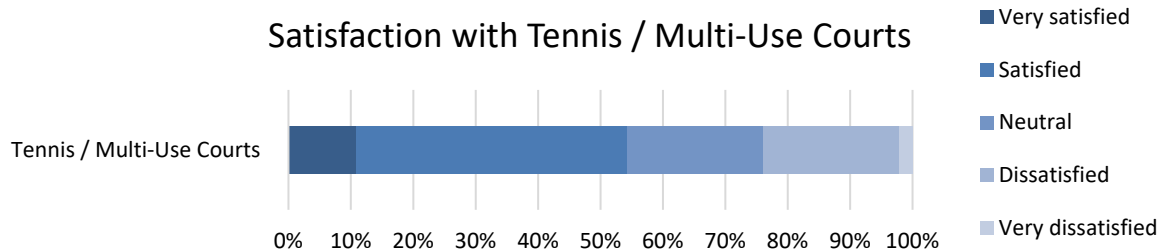
|        | Current Level of Provision | Recommended Target Level of Provision<br>(as per 2010 Plan) |
|--------|----------------------------|---|
| Tennis | 1:4,762 residents          | 1:5,000 residents   |

Considering the estimated population growth to the end of the Plan period, a deficit of between 2 and 3 tennis courts is forecasted by the end of the Plan period if the supply remains constant.

| Tennis Provision         | 2016                 | 2021         | 2026         | 2031         | 2036         |
|--------------------------|----------------------|--------------|--------------|--------------|--------------|
| City Wide Population     | 123,805              | 131,700      | 136,100      | 140,100      | 143,400      |
| Target Standard          | 1 : 5,000 population |              |              |              |              |
| City-wide Needs          | 24.8                 | 26.3         | 27.2         | 28.0         | 28.7         |
| Existing Supply          | 26.0                 | 26.0         | 26.0         | 26.0         | 26.0         |
| <b>Surplus (Deficit)</b> | <b>1.2</b>           | <b>(0.3)</b> | <b>(1.2)</b> | <b>(2.0)</b> | <b>(2.7)</b> |

## What We Heard

Tennis / multi-use courts were used by 23% of public survey respondents. Over half (54%) of those who used City-owned tennis or multi-use courts were 'satisfied' or 'very satisfied' with the facilities.



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Specific improvements to tennis facilities identified by survey respondents included:

- Tennis court resurfacing is needed at some locations (Bayridge Park in particular), patching and weeding is needed at other locations;
- Include benches at tennis courts (within the west end was mentioned);
- General / regular maintenance required at Henderson Park and Grenadier Park courts;
- Improved fencing and gates at Lasalle Park courts; and
- Courts with lighting to enable extending play times.

Through discussions held with the Kingston Tennis Club (KTC), it was understood that their courts are currently at capacity and they are planning to increase the number of lit courts. Additionally, they are planning to add one new court and clubhouse at their privately-owned and run facility on Napier Street. Gaps identified by the KTC included the ability to play tennis on a year-round basis (winter tennis) and a lack of municipal courts for secondary and post-secondary teams to practice and host tournaments.

Consultation with the community indicated that the courts at Bayridge Park are in particularly poor condition. There is deep cracking which is affecting play. The surface application applied in 2012 has deteriorated faster than expected which may indicate that there is a structural issue with the courts.

Public survey respondents who felt that the city needed indoor tennis facilities provided specific suggestions for facility design - that the facility should have 6 courts at minimum and adequate parking and washroom facilities. This was echoed by attendees at the public workshop (who identified indoor courts for pickleball, volleyball and other court sports in addition to tennis).

### Participation Trends in Tennis

Results from a national research study commissioned by Tennis Canada indicates that 6.5 million Canadians played tennis at least once in 2014, a 32% increase in compared to 2012. Overall popularity of tennis is also increasing with 51% of Canadians indicating that they are either ‘somewhat’ or ‘very interested’ in the sport, compared to 38% in 2012. The study also indicates that participation among children ages 6 to 11 years has increased, and that most new interest in the sport is from this younger demographic.

Based on the outcomes of the User Group Survey, participation in tennis within Kingston has declined slightly (less than 20%) over the past four years, however user groups anticipate that participation will remain stable (minimal increase / decrease) over the next five years due to increased participation in club organized activities by existing and new members, in addition to strong participation in group lessons, leagues and socials.

### Condition and Capital Requirements

In recent years (since the 2010 Plan was developed) the City has undertaken a number of improvements to tennis court facilities within Kingston, as detailed in the exhibit below.

Exhibit 52: Tennis Court Conditions and Capital Improvements

| Facility Name    | Recent Improvements     | Year Completed | 2018 Observed Condition <sup>26</sup>   |
|------------------|-------------------------|----------------|---|
| Bayridge Park    | Resurfacing             | 2012           | Surface in poor condition - cracking, patching, uneven surface. Substructure may need rebuilding.                 |
| Belle Park       |                         |                | Not usable - Surfacing in poor condition - overgrown with weeds.  |
| Compton Park     |                         |                | Surfacing in good condition.  |
| Friendship Park  | Renovation              | 2016           | Surfacing in good condition.  |
| Grenadier Park   | Surface / line Painting | 2012           | Surfacing showing some wear.  |
| Henderson Park   | General repairs         | 2014           | Surfacing generally in fair condition. Some surface cracking / structural issues, resulting in crooked net posts. |
| John Brewer Park | Renovation              | 2017           | Court resurfaced in 2018.   |
| Madoma Park      |                         |                | Good condition.   |
| Polson Park      | Renovation              | 2011           | Surfacing in good condition.  |
| Riverview Park   | Renovation              | 2016           | Good condition.   |

<sup>26</sup> Based on site field reviews conducted between May and August 2018.

| Facility Name                        | Recent Improvements | Year Completed | 2018 Observed Condition <sup>26</sup> |
|--------------------------------------|---------------------|----------------|---------------------------------------|
| Ronald Lavalee Memorial Kiwanis Park | Renovation          | 2013           | Surfacing in fair condition.          |
| Victoria Park                        | Renovation          | 2017           | Surfacing in good condition.          |

Status of 2010 Master Plan Recommendations: Tennis Courts

| No.    | Recommendation  | Status               | Details  |
|--------|---|----------------------|--|
| 97 (a) | At least <b>two new tennis courts</b> and four new basketball courts should be provided over the course of the master planning period, with additional courts provided as needed in order to achieve appropriate geographic distribution (particularly within underserved or newly developing residential areas). | Completed<br><br>✓   |  |
| 97 (b) | The City should also consider integration of a multi-use court design template for all future neighbourhood-level courts to offer flexible and varied uses.   | Ongoing / Continuous | Pickleball lines have been integrated at Bayridge Park, Grenadier Park and Madoma Park, and basketball lines have been integrated with some tennis courts during revitalization projects (Madoma and Riverview Parks). |

Considerations for 2021 Master Plan: Tennis Courts

- Trends in the municipal investment in multi-use courts are based on the relative flexibility of these assets to accommodate a broader range of activities on a single surface. Kingston has implemented a number of multi-use / flexible courts in the past few years to increase the usability of these facilities which were traditionally built for tennis alone. Tennis walls could also be considered.
- Develop a net increase of 2 to 3 new tennis courts over the plan period. Consider distribution of courts by reducing larger clusters of existing courts and distributing more broadly, if feasible. As new residential development occurs, the City should consider dedicated or multi-use courts in key destination parks.

- Maintain existing tennis courts in good condition for continued use by residents. Consider undertaking general improvements or more significant repairs, as needed, over the Plan period to maintain the tennis courts in good condition.
- Potential to optimize the capacity of tennis and multi-use courts through the implementation of lighting at select locations across the city (central, west and east locations). This would allow for extended evening hours increasing the playing capacity of the courts during the peak summer season and improve the overall service level of outdoor courts. This is to be considered in conjunction with pickleball court lighting and not in addition to and can help to mitigate the requirement to build new court facilities.

## 9.5 Pickleball Courts

### Supply

The City owns and maintains 20 pickleball courts across Kingston. This includes 4 dedicated pickleball courts at Belle Park, and 16 others which are lined on existing tennis courts (shared). All courts are unlit.

| Municipal Supply: Pickleball Courts |      |      |
|-------------------------------------|------|------|
|                                     | 2010 | 2021 |
| Pickleball court                    | 0    | 20   |

Exhibit 53: City of Kingston Pickleball Court Inventory

| Facility Name    | Pickleball Courts | Multi-Use / Shared |
|------------------|-------------------|--------------------|
| Belle Park       | 4                 | Dedicated          |
| Grenadier Park   | 4                 | ✓*                 |
| Henderson Park   | 4                 | ✓                  |
| John Brewer Park | 2                 | ✓*                 |
| Madoma Park      | 2                 | ✓*,**              |
| Riverview Park   | 4                 | ✓*,**              |
| <b>Total</b>     | <b>20</b>         |                    |

\*pickleball lines are painted on tennis court facilities.

\*\* includes basketball hoops and lines.

### Geographic Distribution

With 6 parks having pickleball facilities, outdoor pickleball courts are evenly distributed throughout the city, with locations in the west end, east end, downtown and the rural area.

Refer to Appendix C for inventory mapping.



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## Service Level / Standard of Provision

The City's current level of provision for pickleball courts on a population basis is 1 outdoor pickleball court per 6,190 population. Being a relatively new and emerging sport, there are no pre-existing comparable or recommended standard for pickleball, as communities typically provide these facilities in response to local demand.

Through the master planning process for Belle Park, the development of 8 dedicated pickleball courts was recommended, creating a central hub for the sport within the community. This includes the conversion of the existing 4 dedicated courts to be multi-use, and the addition of 8 dedicated courts. These additional courts would maintain, if not improve, the existing standard as the population grows over the Plan period.

The City has also identified a longer-term strategy for developing dedicated courts in the east and west (4 dedicated pickleball courts each). The timing and locations for implementation are yet to be determined.

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## What We Heard

Indoor and outdoor pickleball courts were identified by public survey respondents as a future need to improve the city's ability to host special events and tournaments.

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## Participation Trends in Pickleball

### Pickleball

Pickleball is widely recognized as one of the fastest growing sport in North America. There are an estimated 60,000 pickleball players in Canada having grown from 6,000 players in 2011<sup>27</sup>. Within Canada, the highest number of players and courts are found in British Columbia and Ontario. Pickleball Canada has experienced a significant increase in membership since 2009 with 247 members, to present with 10,375 members. Based on 2018 data from Pickleball Canada, British Columbia, Alberta and Quebec are gaining the most members<sup>28</sup>.

Based on the outcomes of the User Group Survey, local participation in pickleball within Kingston has remained stable over the past two years, however the group is new (started in 2017) and is anticipating growth over the next 5 years.

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<sup>27</sup> Pickleball Canada Newsletter, Pickleball Canada, April 2018.

<sup>28</sup> Ibid.

Considerations for 2021 Master Plan: Pickleball Courts

- As per the Belle Park Master Plan, develop 8 dedicated pickleball courts at this location to serve the community as centralized hub for the sport.
- Continue with strategy to develop 4 dedicated pickleball courts in the east, and 4 in the west to improve the distribution of dedicated courts.
- Consider optimizing the distribution of pickleball courts and reducing conflict of use by reducing or redistributing existing pickleball markings on multi-use courts.
- Installing lighting at select courts across the city would allow for extended hours optimizing the capacity of existing pickleball courts during peak season.

9.6 Basketball Courts

Supply

The City owns and maintains 31 basketball facilities at 25 locations across the city. Some of these locations are multi-use facilities that are shared with tennis. The City’s inventory is detailed in the exhibit below.

| Municipal Supply: Basketball Courts |                  |                |
|-------------------------------------|------------------|----------------|
|                                     | 2010             | 2021           |
| Full Court                          | 11               | 9              |
| Half-Court                          | 3 (1.5)          | 22 (11)        |
| <b>Total</b>                        | <b>14 (12.5)</b> | <b>31 (20)</b> |

Exhibit 54: City of Kingston Basketball Court Inventory

| Facility Name                 | Basketball Courts | Notes   |
|-------------------------------|-------------------|---|
| Belle Park                    | 1                 |   |
| Champlain Park                | 1                 |   |
| Compton Park                  | 1                 | Two half-courts.  |
| Fraser Street Parkette        | 0.5               | Half court.   |
| Friendship Park               | 1                 | Two half-courts. Shared with tennis courts (multi-use). |
| Grass Creek Park              | 0.5               | Half-court.   |
| Grenadier Park                | 1                 |   |
| Headway Park                  | 0.5               | Practice pad / hoop.                                    |
| John Brewer Park              | 0.5               | Shared with tennis courts (multi-use).                  |
| KCHC Parkette                 | 0.5               | Half court.   |
| Madoma Park                   | 1                 | Two half-courts. Shared with tennis courts (multi-use). |
| Markers Acres Park            | 1                 |   |
| McBurney Park / Skeleton Park | 1                 |   |
| Meadowbrook Park              | 0.5               | Half-court.   |
| Meadowcrest Park              | 0.5               | Half-court.   |

| Facility Name          | Basketball Courts | Notes  |
|------------------------|-------------------|--|
| Napier Park            | 0.5               | Half-court.  |
| Riverview Park         | 2                 | Four half-courts. Shared with tennis courts (multi-use). |
| Rotary Park            | 0.5               | Practice pad / hoop.                                     |
| Shannons Corners Park  | 1                 |  |
| Silas Stevens Parkette | 1                 |  |
| Starr Reid Park        | 1                 |  |
| Trillium Ridge Park    | 1                 |  |
| Victoria Park          | 0.5               | Half-court.  |
| West Park              | 0.5               | Half-court.  |
| Westbrook Meadows Park | 0.5               | Half-court.  |
| <b>Total</b>           | <b>20.0</b>       |  |

### Non-Municipal Supply

There are 18 additional basketball courts / hoops located on local school board properties, and 1 court located on the CFB / RMC property.

### Geographic Distribution

25 parks across the city provide basketball facilities. These are evenly distributed in the central city, with some rural locations to the north and east, while the west end has fewer courts. Typically, basketball courts are co-located with other active amenities such as playgrounds, splash pads, ball diamonds or soccer fields.

Refer to Appendix C for inventory mapping.

### Service Level / Standard of Provision

The City currently provides one basketball court / facility per 642 youth (age 10 to 19) – a higher level of provision than was recommended in the 2010 Master Plan.

| Current Level of Provision | Recommended Target Level of Provision (as per 2010 Plan) |
|----------------------------|--|
| 1:642 youth (age 10-19)    | 1:800 youth (age 10-19)                                  |

Based on Kingston’s existing youth population (10 to 19 years of age) estimate of 12,835 in 2016, to maintain the existing service level (based on 2016 Census data), Kingston will require 2 to 3 additional full-size equivalent basketball courts by the end of the Plan period.

| <b>Basketball Provision</b> | <b>2016</b>                     | <b>2021</b>  | <b>2026</b>  | <b>2031</b>  | <b>2036</b>  |
|-----------------------------|---------------------------------|--------------|--------------|--------------|--------------|
| Youth Population            | 12,835                          | 13,545       | 13,997       | 14,409       | 14,748       |
| Existing / Target Standard  | 1 : 600-700 youth (10-19 years) |              |              |              |              |
| City-wide Needs             | 20.0                            | 20.6         | 21.3         | 21.9         | 22.2         |
| Existing Supply             | 20.0                            | 20.0         | 20.0         | 20.0         | 20.0         |
| <b>Surplus (Deficit)</b>    | -                               | <b>(0.6)</b> | <b>(1.3)</b> | <b>(1.9)</b> | <b>(2.2)</b> |

### What We Heard

Basketball courts were utilized by 15% of public survey respondents, who indicated that they were generally satisfied with the City’s facilities (over 41% were either ‘very satisfied’ or ‘satisfied with basketball facilities’). Respondents identified that they would like to see basketball facilities located in more parks across the city.

### Condition and Capital Requirements

Based on field reviews and information provided by the City, the observed condition of the City’s basketball courts is provided below.

Exhibit 55: Basketball Court Conditions and Capital Improvements

| <b>Facility Name</b>     | <b>Recent Improvements</b> | <b>Year Completed</b> | <b>2018 Observed Condition</b> <sup>29</sup>                           |
|--------------------------|----------------------------|-----------------------|--|
| Belle Park               |                            |                       | Surfacing in poor condition.   |
| Brewer's Mill Open Space |                            |                       |  |
| Champlain Park           | New court                  | 2020                  |  |
| Compton Park             |                            |                       | No fencing, surfacing in fair condition.                               |
| Grass Creek Park         |                            |                       |  |
| Grenadier Park           |                            |                       | Poor condition.  |
|                          |                            |                       |  |
| Friendship Park          |                            |                       | Good condition.  |
| Headway Park             |                            |                       | Poor condition.  |
|                          |                            |                       |  |
| Madoma Park              |                            |                       |  |
| Markers Acres Park       |                            |                       | Asphalt pad in fair condition. Fencing at ends in fair/poor condition. |

<sup>29</sup> Based on site field reviews conducted between May and August 2018.

| Facility Name                 | Recent Improvements | Year Completed | 2018 Observed Condition <sup>29</sup> |
|-------------------------------|---------------------|----------------|---------------------------------------|
| McBurney Park / Skeleton Park | New court           | 2011           | Surfacing in fair condition.          |
| Meadowbrook Park              |                     |                |                                       |
| Meadowcrest Park              | New court           | 2017           |                                       |
| Napier Park                   | New court           | 2020           |                                       |
| Riverview Park                |                     |                |                                       |
| Rotary Park                   |                     |                |                                       |
| Shannon's Corners Park        | New court           | 2016           | Good condition.                       |
| Silas Stevens Parkette        |                     |                |                                       |
| Starr Reid Park               |                     |                |                                       |
| Trillium Ridge Park           |                     |                |                                       |
| Victoria Park                 | New court           | 2017           | Surfacing in good condition.          |
| West Park                     |                     |                |                                       |
| Westbrook Meadows Park        |                     |                | Good condition.                       |

#### Status of 2010 Master Plan Recommendations: Basketball Courts

| No.    | Recommendation  | Status             | Details   |
|--------|---|--------------------|---|
| 97 (c) | At least two new tennis courts and <b>four new basketball courts</b> should be provided over the course of the master planning period, with additional courts provided as needed in order to achieve appropriate geographic distribution (particularly within underserved or newly developing residential areas). | Completed<br><br>✓ | New basketball mini courts added in Westbrook Meadows Park, KCHC, Woodhaven Park, and Meadowcrest Park. |

#### Considerations for 2021 Master Plan: Basketball Courts

- Address the need for additional municipal basketball courts in the west end to improve distribution across the city. These should be co-located with other active youth-focused amenities such as skateboard parks, ball diamonds and soccer fields.
- Continue to integrate multi-use courts into existing parks (when being revitalized) and future neighbourhood parks. This should be determined on a geographic distribution basis.

## 9.7 Playgrounds

### Supply

The City currently owns and maintains 104 playground locations comprised of more than 200 playground structures (including swing sets, monkey bars, and other play apparatus).

| Municipal Supply: Playgrounds |      |
|-------------------------------|------|
| 2010                          | 2021 |
| 95                            | 104  |

### Non-Municipal Supply

In addition to the above, there are over 30 playgrounds located on local school board properties, and other agency locations.

### Service Level / Standard of Provision

On a population basis, the City currently provides 1 municipal playground location per 116 children (aged 0-9 years). This standard does not take into consideration the distribution of playgrounds and general accessibility by children and families (as identified below). Target levels of provision are typically in the range of 1 playground facility within a 400 to 800 metre radius (5 to 10-minute walk) of major residential areas without crossing any major barriers.

| Current Level of Provision | Recommended Target Level of Provision (as per 2010 Plan) |
|----------------------------|--|
| 1:116 children (age 0-9)   | 1 playground within 800m of major residential area       |

### Geographic Distribution

The geographic coverage or service areas for municipal play structures is based on an 800 m walking distance for major residential areas to playgrounds, with consideration for major barriers such as arterial roadways and highways, railways, rivers and streams, etc. In general, the city is well serviced by playground structures in those areas of residential development.

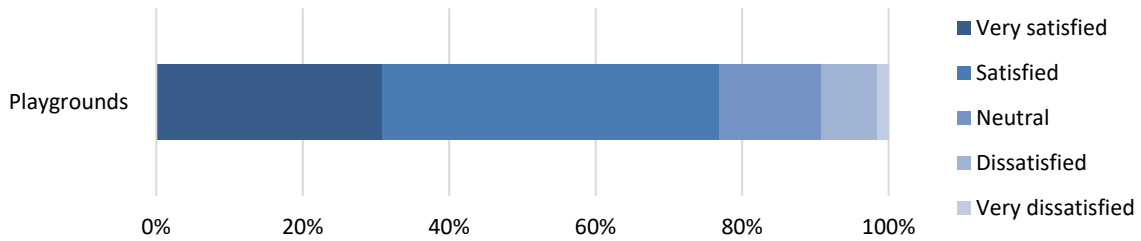
Refer to Appendix C for inventory mapping.

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### What We Heard

33% of survey respondents indicated they use playgrounds and are quite satisfied with playground facilities offered by the City.

#### Satisfaction with Playgrounds



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Specific improvement suggestions related to outdoor play and water play facilities include:

- Playground equipment in many parks are in need of replacement (suggestions include Pembridge Park, Hudson Park, Oakridge Park);
- Incorporate more natural elements into the play equipment; and
- Replace pebble base that exists at some playgrounds to be a more accessible (compacted) surface.

Status of 2010 Master Plan Recommendations: Playgrounds

| No.    | Recommendation  | Status  | Details   |
|--------|---|---|---|
| 98 (a) | Playgrounds should be provided in newly developing or existing residential areas that offer access unobstructed by major barriers within an 800 metre radius.   | Ongoing / Continuous  | Public consultation undertaken for park projects (new and revitalization efforts).  |
| 98 (b) | Application of this service standard would indicate that new playground apparatus should be constructed in the following areas: <ul style="list-style-type: none"> <li>• the residential area north of Cataraqui Woods Drive and West of Midland Ave;</li> <li>• the area of downtown bounded by York and Princess Streets between Chatham Street and Montreal Street; and</li> </ul> | Completed<br><br>✓<br><br>Revise to reflect current analysis. | New playgrounds and parks have been developed west of Midland Avenue in the Woodhaven subdivision. Recent improvements to the play structures at the Memorial Centre are close to the York St area. |
| 98 (c) | • the area west of Portsmouth Ave between Bath Rd. and Princess Street.   | No Longer Applicable.   | No improvements made in Balsam Grove area, however, this area is serviced by playground facilities at Ecole Elementaire Publique Madelaine-De-Roybon.   |
| 99     | The City should continue to follow CSA guidelines for playground construction and ensure that all playgrounds are regularly inspected and maintained by trained staff.  | Ongoing / Continuous  | Inspections and maintenance completed by Public Works Department.   |
| 100    | The provision of accessible playgrounds should be considered during the development or redevelopment of major community parks, such as the Memorial Centre or Lake Ontario Park.  | Ongoing / Continuous  | Kingston FADS (Facility Accessibility Design Standards) are being followed in redevelopment of parks.   |



### Considerations for 2021 Master Plan: Playgrounds

- At this time, playground improvements are planned at several parks throughout the city (i.e., Hemlock Downs, Fairway Hills, Champlain, Nickle Avenue, Welbourne, Bayridge, and James Nelson Park). General improvements should continue to be carried out as the need is identified.
- Consideration for the inclusion of playgrounds provided at other institutional properties (i.e., schools) within the supply of facilities, as an important supplement to the City’s supply. Partnerships should be considered.
- As new parks are developed or as old playground equipment is decommissioned, the opportunity exists to explore the possibility of including emerging trends in select park locations, as per Section 4.5 Parkland Planning, Design and Development Trends (e.g., outdoor fitness equipment, naturalized play elements, etc.). Strategic considerations include an equitable spatial distribution across Kingston.
- Larger destinations (regional scale parks) are the recommended location for specialized equipment. Partnerships should be considered.
- There are opportunities for reducing the scale of play equipment when replacement is required / at end of life, with consideration for changing neighbourhood demographics.

## 9.8 Skateboard Parks & BMX Tracks

### Supply

The City currently provide 3 skateboard parks, located at Grenadier Park, Polson Park and Shannon Park, and 2 BMX bike tracks, one senior and one practice track, both of which are located at Woodbine Park. It should be noted that the City plans to repurpose the practice BMX track at Woodbine Park to be used for other recreational uses.

| <b>Municipal Supply:<br/>Skateboard Parks &amp; BMX Tracks</b> |             |             |
|--|-------------|-------------|
|  | <b>2010</b> | <b>2021</b> |
| Skateboard Park  | 1           | 3           |
| BMX Track  | 1           | 2           |

In addition to the City-owned skateboard and BMX parks, the City partnered with MTB Kingston (Kingston’s mountain biking group) to develop a mountain biking park, located at Burbrook and Division St. This is a members-only facility which currently has 1,000 members ranging in age from 3 years to 75 years old.

### Geographic Distribution

When considered together, skateboard and BMX parks are generally well-distributed throughout the city, with locations in the west, east and central areas. Each of these facilities are co-located

with other facilities as part of a multi-use location for recreation. While there are two BMX facilities located at Woodbine Park, there are no skateboard parks in the west end of the city.

Refer to Appendix C for inventory mapping.

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### Service Level / Standard of Provision

The City's current level of provision for skateboard parks on a population basis (based on 2016 Census data) is 1 skateboard park per 4,127 youth (aged 10-19), higher than that recommended as part of the 2010 Master Plan. The City is currently providing BMX tracks on a population basis of 1 BMX bike parks per 6,190 youth (aged 10-19). While there is no comparable standard of provision for BMX parks, the City has chosen to provide these facilities based on an identified community demand.

|                 | Current Level of Provision | Recommended Target Level of Provision<br>(as per 2010 Plan) |
|-----------------|----------------------------|---|
| Skateboard Park | 1:4,127 youth (aged 10-19) | 1:5,000 youth (aged 10-19)                                  |
| BMX Track       | 1:6,190 youth (aged 10-19) | No Recommended Target                                       |

Based on the estimated population projections to the end of the Plan period, there is no population-based need for additional skateboard park facilities. However, other factors, including geographic distribution and localized demand, also need to be considered.

| Skatepark Provision      | 2016                          | 2021       | 2026       | 2031       | 2036       |
|--------------------------|-------------------------------|------------|------------|------------|------------|
| Youth Population         | 12,835                        | 13,545     | 13,997     | 14,409     | 14,748     |
| Target Standard          | 1 : 5,000 youth (10-19 years) |            |            |            |            |
| City-wide Needs          | 2.6                           | 2.7        | 2.8        | 2.9        | 2.9        |
| Existing Supply          | 3.0                           | 3.0        | 3.0        | 3.0        | 3.0        |
| <b>Surplus (Deficit)</b> | <b>0.4</b>                    | <b>0.3</b> | <b>0.2</b> | <b>0.1</b> | <b>0.1</b> |

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### Utilization

Both the skateboard parks and BMX tracks are mainly used on a casual or individual basis. However, intel from the User Group Survey indicates that the senior BMX track at Woodbine Park is booked for 4-6 hours per week in the open season for practices and races by the local BMX Association. They run 2 tournaments per season where the track is booked for a full day.

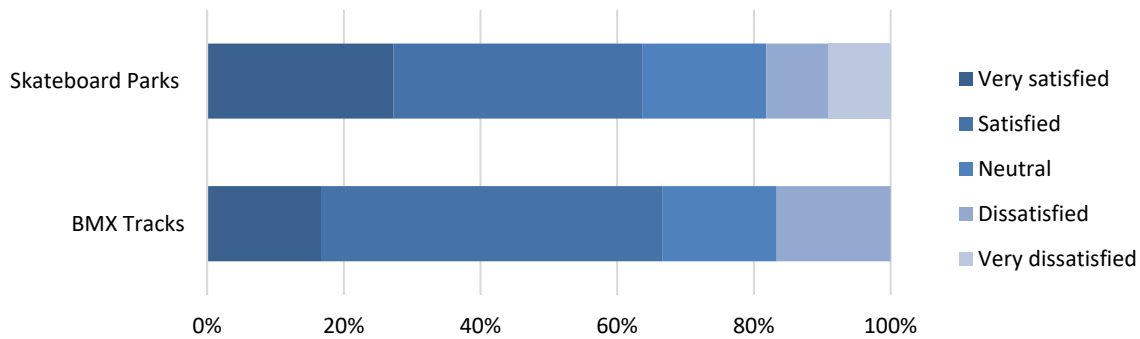
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### What We Heard

6% of public survey respondents have used the City's skateboard parks within the past year, while 3% have used the BMX tracks. Users were generally satisfied with these facilities, with over 60% of

users identifying that they are ‘satisfied’ or ‘very satisfied’. However, comments pertaining to the overall scale and complexity indicated that the existing skate parks cater mostly to beginners. Respondents indicated that the existing skate parks should be expanded or a skate park should be provided at Memorial Centre, where it is central and accessible to users within the core area.

### Satisfaction with Skateboard / BMX Parks



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

### Status of 2010 Master Plan Recommendations: Skateboard Parks and BMX Tracks

| No. | Recommendation   | Status                           | Details   |
|-----|--|----------------------------------|---|
| 101 | To address the need for skateboard parks according to service level standards and address geographical distribution, a minimum of two new skateboard parks should be considered over the master planning period. While the locations of the proposed skateboard parks will require further study to determine their suitability in serving the youth population (i.e. accessible by foot, bicycle and/or public transit), it is recommended that one skateboard park be located west of Gardiners Road (e.g. at the INVISTA Centre site or Woodbine Park) and the second facility be located in the north-central area (e.g. at Shannon Park or a revitalized Memorial Centre site). | In progress (partially complete) | A large-scale Shannon skateboard park has recently been completed. A west end skateboard park is still pending. |
| 102 | In consultation with the local skateboarding community, undertake improvements of the  | Completed                        | A skatepark is located in Grenadier Park  |

| No.     | Recommendation   | Status               | Details  |
|---------|--|----------------------|--|
|         | skateboard area at Grenadier Park to further improve skate park access in the eastern portion of the urban area.   | ✓                    | (completed in July 2012).  |
| 103 (a) | In consultation with the local skateboarding community, relocate the Polson skateboard park to a different location.   | Completed<br>✓       | A permanent concrete skatepark was developed at Polson Park (completed in June 2012).            |
| 103 (b) | Strong consideration should be given to relocating the modular components within an arena proposed for repurposing in order to offer a year-round skateboarding venue.   | No Longer Applicable | The modular equipment was disposed of and not repurposed.  |
| 104     | The provision of minor skate zones is encouraged to improve the distribution of skateboarding facilities, with a special focus on providing such amenities to the City's rural settlement areas. Parks should be evaluated on a case-by-case basis for their ability to accommodate basic introductory skateboarding elements to ensure provision of the equipment is appropriate. | Ongoing / Continuous | Small-scale skate parks are located at Grenadier Park in the east and Polson Park in the centre. |
| 105     | While no new BMX facilities are recommended over the course of the planning period, instead the City should focus its efforts on fostering partnerships with the Woodbine Park user groups and BMX Kingston to give input or assist with fundraising for maintenance and enhancements needed at the BMX track.   | Ongoing / Continuous |  |
| 106     | The City should assess whether there is any latent demand for a mountain bike park through consultations with any local groups and observation of mountain bike usage at local trails where mountain biking is permitted, and also whether it is occurring in environmentally sensitive areas where mountain biking is not permitted.  | In Progress          | Partnership in development for area north of former Landfill on Burbrook at Division St.         |

Considerations for 2021 Master Plan: Skateboard Parks & BMX Tracks

- Through engagement activities and analysis of spatial distribution, the west end was identified as needing skateboarding facilities. Initially highlighted in the 2010 Master Plan, the City has also identified this need; however, the specific location has not been

determined at this time. The addition of a skate park in the west end would improve the existing standard while providing for a more equitable geographic distribution across the city. Any new skateboard parks developed should be in a location that is easily accessible to areas with high concentrations of youth, and connected to trails, pathways, and transit routes. Co-location with other youth-focused recreational amenities is recommended (i.e., basketball courts, ball diamonds, soccer fields, etc.). Engagement with the skateboarding and broader community is important.

- The opportunity exists to include smaller scale active sport facilities such as ‘skate spots’ or small track typologies such as pump humps, ledge and urban elements to improve distribution across the city and in the rural areas.
- Decommission the BMX practice track at Woodbine Park and repurpose the space to accommodate alternative recreational park amenities (i.e., a skateboard park). The removal of this facility, and other initiatives recently implemented at Woodbine Park warrants the development of a master plan for the site to improve overall circulation, layout and usability, and other considerations.
- Continue to foster partnerships with BMX Kingston for continued maintenance of the BMX track at Woodbine Park. Continue to monitor utilization and demand of the remaining BMX track to maximize use.

## 9.9 Outdoor Aquatics

### Supply

The City owns and maintains the Outdoor Aqua Park located at the Kingston Memorial Centre. This facility includes a 270-foot waterslide with splash down area, shaded patio/picnic areas with lounge chairs, a toddler pool, a zero-entry area providing wheelchair access, pool with diving area, family / accessible changerooms with lockers, and lazy river feature.

| <b>Municipal Supply:<br/>Outdoor Aquatics</b> |             |             |
|---|-------------|-------------|
|   | <b>2010</b> | <b>2021</b> |
| Outdoor Pool / Water Park                     | 1           | 1           |

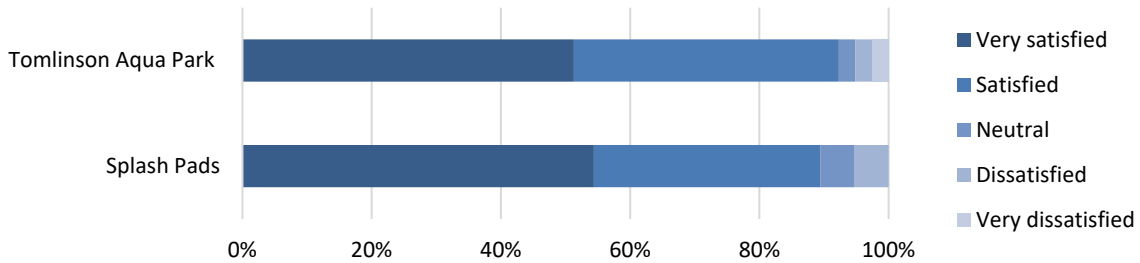
### Non-Municipal Supply

In addition to the municipal supply, there is one privately-run outdoor swimming pool located on Henderson Drive in the city’s west end, run by the Lakeshore Swimming Pool Association. The pool opens in June and is operational over the summer months through to Labour Day.

What We Heard

20% of public survey respondents used the Outdoor Aqua Park within the past year. The facility saw the highest rate of satisfaction among respondents with over 90% indicating they were ‘satisfied’ or ‘very satisfied’.

Satisfaction with Outdoor Aquatics Facilities



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Status of 2010 Master Plan Recommendations: Outdoor Aquatics

| No. | Recommendation   | Status         | Details                           |
|-----|--|----------------|-----------------------------------|
| 108 | Leverage funding from senior levels of government to replace the Leo Lafleur Outdoor Pool in favour of a leisure-based outdoor aquatic centre that is more aligned with the vision for the Memorial Centre site and community demographics. The provision of additional outdoor pools is discouraged beyond replacement of the existing pools. | Completed<br>✓ | Outdoor Aqua Park opened in 2015. |

Considerations for 2021 Master Plan: Outdoor Aquatics

- As the premier outdoor aquatic facility within the city, the focus should continue to be on the provision of outdoor aquatics at the Outdoor Aqua Park as a centralized location.
- The provision of additional outdoor pools is not recommended.

## 9.10 Splash Pads

### Supply

The City owns the following outdoor aquatics facilities:

- 9 Splash Pads, and
- 1 Wading Pool at McBurney Park (planned for conversion to a splash pad).

| Municipal Supply:<br>Splash Pads |      |      |
|----------------------------------|------|------|
|                                  | 2010 | 2021 |
| Splash Pad                       | 3    | 9    |
| Wading Pool                      | 2    | 1    |

A majority of the City’s splash pads are located within City-level parks, which typically provide more specialized facilities and draw from a broader area. Splash pads located within District or Neighbourhood level parks are typically smaller and cater to a more localized population.

### Non-Municipal Supply

There is one additional splash pad, located on the Canadian Forces Base (CFB), which is accessible to the public.

### Geographic Distribution

Splash pads tend to be centrally located within the city, leaving the west end with few outdoor aquatic facilities. Additional splash pads are planned to be developed at Grenadier Park as part of the Kingston East Community Centre development and at the new community park on Wheathill Street, which will help to serve the east part of the city.

Refer to Appendix C for inventory mapping.

### Service Level / Standard of Provision

The City’s current level of provision for splash pads on a population basis is 1 splash pad per 1,238 children (age 0-9 years). This is a higher level of provision than was recommended in the 2010 Plan.

| Current Level of Provision | Recommended Target Level of Provision<br>(as per 2010 Plan) |
|----------------------------|---|
| 1:1,238 children (age 0-9) | 1:3,000 children (age 0-9)                                  |

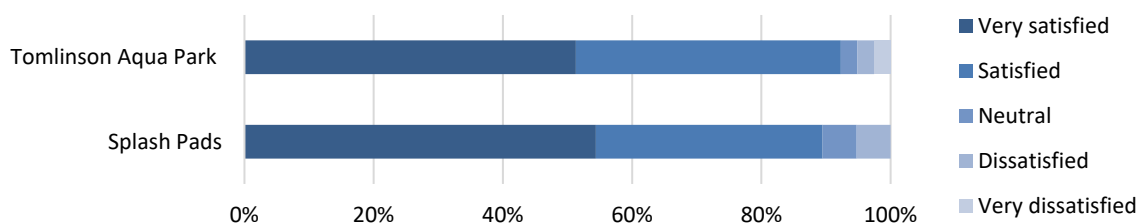
Based on the revised target level of provision at 1 splash pad per 1,500 children, there is a current surplus of nearly two splash pads (based on 2016 Census data). A surplus will remain over the life of the Plan, as the number of children is not expected to increase significantly over the next fifteen years and two new splash pads are planned. However, other factors such as geographic distribution across the city must also be considered.

| Splash Pad Provision     | 2016                           | 2021       | 2026       | 2031       | 2036       |
|--------------------------|--------------------------------|------------|------------|------------|------------|
| Child Population         | 12,125                         | 12,795     | 13,223     | 13,611     | 13,932     |
| Target Standard          | 1 : 1,500 children (0-9 years) |            |            |            |            |
| City-wide Needs          | 8.1                            | 8.5        | 8.8        | 9.1        | 9.3        |
| Existing Supply          | 10.0                           | 10.0       | 10.0       | 10.0       | 10.0       |
| <b>Surplus (Deficit)</b> | <b>1.9</b>                     | <b>1.5</b> | <b>1.2</b> | <b>0.9</b> | <b>0.7</b> |

### What We Heard

29% of public survey respondents used splash pads within the City parks, and 20% used the Outdoor Aqua Park within the past year. In general, respondents seem to be quite satisfied with splash pad and aqua park facilities offered by the City. Outdoor Aqua Park saw the highest rate of satisfaction among respondents with over 90% indicating they were ‘satisfied’ or ‘very satisfied’.

### Satisfaction with Outdoor Aquatics Facilities



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

Respondents identified that they would specifically like to see more splash pads provided in the west end of the city.

### Status of 2010 Master Plan Recommendations: Splash Pads

| No. | Recommendation   | Status         | Details   |
|-----|--|----------------|---|
| 107 | Up to three new splash pads are recommended within the planning period, ideally located in northwest, northeast or southwest Kingston. The City should construct one splash pad in the short-term and evaluate usage at this facility and other existing splash pads prior to constructing additional splash pad facilities. | Completed<br>✓ | Splash pads built at Memorial Centre (central), Lake Ontario Park (southwest), Woodbine Park (northwest), Bert Meunier Common (northwest), Molly McGlynn Park (northeast). New splashpad to be developed in Grenadier Park with KECC. |



| No. | Recommendation   | Status                             | Details   |
|-----|--|------------------------------------|---|
| 109 | Both municipal wading pools should be evaluated on a case-by-case basis to assess whether they are appropriate for conversion to a major or minor splash pad facility that offers basic cooling amenities. This evaluation should consider spatial distribution and proximity to other splash pads, as well as demographics in adjacent areas. A public meeting should be held with residents of the affected area (including the local neighbourhood group) prior to the undertaking. | In Progress (partially completed). | Victoria Park wading pool has been removed and a new splash pad was added. McBurney Park conversion is pending. |

### Considerations for 2021 Master Plan: Splash Pads

- Continue with the planned implementation of two new splash pads (Wheathill Street and KECC), and conversion of the wading pool at McBurney Park into a splash pad. As identified in the 2010 Master Plan, investment in new wading pools is not recommended.
- Based on the current and forecasted standards of provision (population-based), the City has a high standard for splash pad facilities, however spatial distribution identifies gaps in the western portion of the city. Preference should be had for inclusion of splash pad facilities at larger community park locations where a variety of other amenities are already located.
- Consider improved amenities at splash pads (i.e., shade trees, shade structures, etc.) to address changing weather patterns and user needs.

## 9.11 Off-Leash Dog Parks

### Supply

The City currently provides 5 dog parks for off-leash activities, including:

- Grass Creek Park;
- Kingston Memorial Centre;
- MacLean Trails (Pittsburgh Library);
- Meadowbrook Park; and
- Rotary Park.

| Municipal Supply:<br>Off-Leash Dog Parks |      |
|--|------|
| 2010                                     | 2021 |
| 4  | 5    |

One additional off-leash dog park is planned at Belle Park, as per the approved master plan.

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### Geographic Distribution

Off-leash dog parks are well distributed throughout the City, serving residents in the southwest, east, and central areas. These are specialized facilities, serving a broad population base across the city.

Refer to Appendix C for inventory mapping.

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### Status of 2010 Master Plan Recommendations: Off-Leash Dog Parks

| No.     | Recommendation  | Status               | Details  |
|---------|---|----------------------|--|
| 110 (a) | The City should proceed with plans to develop a permanent off-leash area at Grass Creek Park.   | Completed<br>✓       | Permanent dog park at Grass Creek Park is operational.   |
| 110 (b) | The provision of additional off-leash parks, however, should only be considered if the City is approached by a community group that would like to investigate the creation of a neighbourhood-level dog park, in which case the City should apply site selection criteria to determine the suitability of any sites being considered. | Ongoing / Continuous |  |
| 111     | Leash-free activities should be relegated to designated off-leash parks; utilizing parks not designed for leash-free activities is not recommended due to potential impacts on park users and/or surrounding residences.  | Completed<br>✓       | As per City's Animal By-law 2004-144 (Updated 2015). Note: By-law is in need of updating to include Grass Creek Park Off-Leash Dog Park. |

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### Considerations for 2021 Master Plan: Off-Leash Dog Parks

- Potential to implement additional off-leash dog parks as per approved park master plans and subject to the Off-Leash Dog Area Policy.

## 9.12 Outdoor Ice Skating Rinks

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### Supply

The City currently provides 18 outdoor ice rinks, including:

- 7 staffed rinks (with heated washroom / change facilities);
- 7 unstaffed rinks (no change facilities), and
- 4 community rinks (no change facilities, maintained by local neighbourhood volunteers).

| Municipal Supply:<br>Outdoor Ice Rinks |      |
|--|------|
| 2010                                   | 2021 |
| 19                                     | 18   |

Springer Market Square rink, located outside of City Hall, is the only facility with mechanical ice, the other 17 facilities are natural ice.

It should be noted that two new outdoor ice rinks are currently in the planning stages, proposed to be located at Kingston East Community Centre and at Shannon Park.

The City has recently proposed changes to the Outdoor Rinks Policy to enable more flexibility in the development of community rinks (i.e., rink size, configuration (not only for hockey play), and use of alternative water sources). Effectively the changes, dated September 28, 2018, provide for two different rink types:

- Level 1 Rinks – are suitable for hockey and pleasure skating, with rink boards and of an appropriate size. These rinks may receive snow clearing assistance from the City, at the City’s discretion and must have a volunteer team with a minimum of 4 adults; and
- Level 2 Rinks – are suitable for pleasure skating only, with no rink boards, and not to exceed 150 square metres in size. These rinks will not receive snow clearing assistance from the City and must have a volunteer team consisting of minimum 2 adults.

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### Geographic Distribution

While focused in the central area, outdoor ice rinks are generally well distributed throughout the city, with locations in the west, east and rural areas.

Refer to Appendix C for inventory mapping.

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### What We Heard

31% of respondents to the public survey (or a member of their family) had used an outdoor ice rink within the past 12 months, a majority of which (90%) were ‘satisfied’ or ‘very satisfied’ with the facilities they used.

Suggestions for improvement of these facilities included more frequent clearing and flooding of outdoor rinks in the winter (it was noted that in some locations it is infrequent and is deterring some people from using them).

**Status of 2010 Master Plan Recommendations: Outdoor Ice Skating Rinks**

| <b>No.</b> | <b>Recommendation</b>   | <b>Status</b>     | <b>Details</b>   |
|------------|---|-------------------|--|
| 112 (a)    | Continue with plans to construct one new outdoor ice skating rink at Lake Ontario Park.   | Completed<br>✓    | Outdoor ice skating rink opened at Lake Ontario Park in 2013.  |
| 112 (b)    | Outdoor rinks at other key destination parks should only be provided if justified through park master planning and business planning process.   | Pending           | City has proposed changes to the Outdoor Rink Policy (as detailed in Section 3).   |
| 113        | The City should consider the installation of outdoor ice at new multi-use courts developed to serve neighbourhood level needs, preferably in partnership with the neighbourhood or resident-based associations. Artificial/refrigerated and synthetic ice systems may be considered as part of these templates so long as its provision is supported through business planning processes. | Revision Required | If there is means to protect the acrylic court surface during rink use, it may be considered. Artificial ice was evaluated and rejected due to cost and limited user experience (plastic). |

**Considerations for 2021 Master Plan: Outdoor Ice Skating Rinks**

- Community operated outdoor rinks are planned at the future Kingston East Community Centre and Shannon Park. These opportunities should be preserved.
- To reduce resource requirements, the City is actively encouraging the development of community rinks that are maintained by local volunteers by enacting the changes to the Outdoor Rinks Policy. Continued support of these volunteer and community organizations is important going forward.
- Additional space for outdoor rinks should only be considered if the required infrastructure (e.g., access to water supply, changeroom facility, etc.) can be feasibly implemented and they improve the distribution across the city.

### 9.13 Community Gardens

#### Supply

There are 15 community garden locations within the City of Kingston. While some of these are provided on private or institutional lands (e.g., Queen’s University, CFB Kingston, church properties, etc.), eight (8) gardens are provided within public spaces owned by the City, including:

| <b>Municipal Supply:<br/>Community Gardens &amp;<br/>Orchards</b> |             |
|---|-------------|
| <b>2010</b>   | <b>2021</b> |
| -   | 8           |

- Calvin Park Community Garden;
- Elmwood Community Garden;
- Lakeside Community Garden;
- McLean Park Community Garden;
- McLean Trail Community Garden;
- Oak Street Community Garden;
- Pollinator Garden at the Memorial Centre; and
- Shannon Park Community Garden;

The Kingston Community Garden Network, a partnership between the City and local groups, supports the development and maintenance of community gardens on public or private lands within Kingston. Kingston’s community gardens include allotment plots, tasting gardens, donation gardens and training gardens.

The City is currently planning the installation of water services at community garden locations where it is not currently in place, in order help facilitate the provision of these amenities within the city.

#### Status of 2010 Master Plan Recommendations: Community Gardens

| <b>No.</b> | <b>Recommendation</b>   | <b>Status</b>        | <b>Details</b>  |
|------------|---|----------------------|---|
| 114        | The City should support community organizations willing to oversee the creation and maintenance of community gardens within Kingston. This may include the provision of free or leased space (at a minimal fee) within City parks for the purposes of urban agriculture and gardening, support with the delivery of horticulture programs and/or assisting grass roots groups with developing a community garden network. | Ongoing / Continuous | Partnership and funding with Loving Spoonful implemented for the facilitation of the City's community garden program. |
| 115        | The City should continue to provide horticultural displays at passive parks, especially in conjunction with public art displays, to increase the aesthetic  | Ongoing / Continuous | The Public Works Department oversees  |

| No. | Recommendation   | Status | Details   |
|-----|--|--------|---|
|     | value of parks and make them more attractive for residents and tourists alike. |        | installation and maintenance of horticultural displays. |

### Considerations for 2021 Master Plan: Community Gardens

- Continue to support local volunteer and community groups, such as Loving Spoonful and the Community Garden network, as they develop and maintain community gardens and edible orchards within parks across the city, subject to policy.

## 9.14 Beach Volleyball

### Supply

There are currently 6 beach volleyball courts within the City’s inventory:

- Woodbine Park (4);
- Lake Ontario Park (1); and
- Grass Creek Park (1).

| Municipal Supply:<br>Beach Volleyball Courts |      |
|--|------|
| 2010   | 2021 |
| Not included                                 | 6    |

Grass Creek Park and Woodbine Park are identified as the primary locations for hosting tournaments or special events related to beach volleyball.

### Non-Municipal Supply

There are an additional 14 beach volleyball courts located within the city through private and institutional providers. This includes 6 courts at the Curling Club on Days Road (next to Centre 70 Arena), 6 courts at Kingston Expert Tees on Collins Bay Road, and 2 courts at CFB Kingston.

### Geographic Distribution

In general, the distribution of beach volleyball courts is disbursed, with municipally owned locations in the east (rural), west and central areas.

Refer to Appendix C for inventory mapping.

Status of 2010 Master Plan Recommendations: Beach Volleyball

| No. | Recommendation   | Status         | Details   |
|-----|--|----------------|---|
| 117 | The City should consider the inclusion of a beach volleyball court if an appropriate location can be found at one of the City beaches. | Completed<br>✓ | There are now two (2) waterfront locations for beach volleyball (Grass Creek Park and Lake Ontario Park). |

Considerations for 2021 Master Plan: Beach Volleyball Courts

- Maintain and monitor participation and utilization of existing beach volleyball courts over the course of the Plan period.
- The provision of additional courts should be based on demand or interest and consider equitable geographic distribution across the city.

### 9.15 Track & Field Facilities

#### Supply

There is one track and field facility in Kingston’s municipal supply. CaraCo Home Field, located at the INVISTA Centre, boasts an 8-lane 400m rubberized running track and a throwing field.

| Municipal Supply:<br>Track and Field<br>Facilities |      |
|--|------|
| 2010   | 2021 |
| 0  | 1    |

#### Non-Municipal Supply

There are additional track and field facilities provided at area secondary schools, however access is often limited, and quality and maintenance may not be performed to City standards.

#### What We Heard

Discussions with local school boards indicated that they are very satisfied with the CaraCo Home Field for hosting track and field days (held in the spring) and other special events.

Status of 2010 Master Plan Recommendations: Track and Field Facilities

| No. | Recommendation   | Status         | Details  |
|-----|--|----------------|--|
| 119 | The City should proceed with plans to construct an all-weather track and field facility at the INVISTA Centre site. Additionally, the City should engage various | Completed<br>✓ | IAAF track and field facility opened at INVISTA in 2016. |

| No. | Recommendation  | Status | Details |
|-----|---|--------|---------|
|     | community groups and schools to assist with the funding/fundraising for the track and field facility. |        |         |

### Considerations for 2021 Master Plan: Track and Field Facilities

- There is no immediate requirement for additional (municipal) track and field facilities in Kingston.
- Continue to maintain the track and field facility at the INVISTA Centre in good condition for use by the community.
- Opportunity to improve utilization of the facility to make best use of the existing asset.

## 9.16 Municipal Golf Facilities

### Supply

The City currently operates one (1) driving range facility, located at Belle Park. There are no municipal golf courses in Kingston.

At the time of the 2010 Master Plan, the City owned and operated one municipal golf course at Belle Park. Since then, the operation of the golf course has ceased, and a park master planning exercise has been implemented. The driving range at this location continues to operate.

### Status of 2010 Master Plan Recommendations: Municipal Golf Facilities

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 120 | The City should continue to operate the Belle Park Fairways Golf Course as it is viewed as providing access to any resident interested in golf-related activities. The City, however, should refrain from providing any new golf courses as it is believed that municipal investment should be targeted to higher need recreational activities. | No Longer Applicable | Council directed staff to cease operations of the 9 hole golf course at Belle Park after a year of public engagement. Belle Park Master Plan is currently underway to determine the future use of the site. |
| 121 | Undertake a review of municipal golf course operations including the level of services offered at Belle Park Fairways Golf Course as  | No Longer Applicable | Public consultation resulted in the closure   |



| No. | Recommendation  | Status | Details                    |
|-----|---|--------|----------------------------|
|     | well as an assessment of whether the Recreation & Leisure Services Department should assume program delivery and general course operations responsibilities, while keeping maintenance responsibilities under the purview of the Public Works Department. |        | of the 9-hole golf course. |

Considerations for 2021 Master Plan: Municipal Golf Facilities

- Monitor the demand of the existing driving range operations at Belle Park and implement as per the Belle Park Master Plan.

9.17 Washroom & Park Buildings

Supply

Washroom facilities are often provided in community centres and other indoor facilities that are adjacent to parks and sport field locations within Kingston (i.e., Cataraqui Arena, Memorial Centre, and INVISTA Centre). Additionally, there are 20 standalone washroom / change facilities and/or storage facilities in parks throughout Kingston. Washroom facilities are typically open from 8:00am to dusk daily between Victoria Day and Thanksgiving, unless otherwise noted.

All the City’s washroom facilities are located within Regional, City or District parks (except for Pierson Park which is in a rural location), while storage facilities are found in all parkland typologies. Those Neighbourhood Parks with storage facilities are typically provided in conjunction with the provision of outdoor ice rinks.

Exhibit 56: Municipal Supply of Standalone Washroom and Storage Facilities

| Park Location      | Classification | Washrooms | Storage Only | Visual Observations                                |
|--------------------|----------------|-----------|--------------|--|
| Bayridge Park      | District       |           | ✓            | Fair/poor condition.                               |
| Belle Island Park  | City           |           | ✓            | -  |
| Churchill Park     | City           | ✓         |              | Fair condition.                                    |
| City Park          | City           | ✓         |              | Fair condition.                                    |
| Compton Park       | Neighbourhood  |           | ✓            | Poor condition.                                    |
| Confederation Park | City           | ✓         |              | Washroom part of Tourist Centre.                   |
| Grass Creek Park   | Regional       | ✓         |              | Consultation process for renovation to improve the |

| Park Location                         | Classification | Washrooms | Storage Only | Visual Observations   |
|---------------------------------------|----------------|-----------|--------------|---|
|                                       |                |           |              | safety and capacity of existing washrooms is currently underway.  |
| Jim Beattie Park                      | District       | ✓         |              | Fair condition.   |
| John Brewer Park                      | Neighbourhood  |           | ✓            | Poor condition.   |
| John Machin Fields                    | City           | ✓         |              | Washrooms open during sporting events.                            |
| Lasalle Park                          | District       | ✓         |              | Poor condition.   |
| Lake Ontario Park                     | City           | ✓         |              | Constructed in 2012.  |
| McBurney Park                         | District       | ✓         |              | Fair/poor condition.  |
| Pierson Park                          | Neighbourhood  | ✓         |              | Poor condition.   |
| Polson Park                           | Neighbourhood  |           | ✓            | Poor condition.   |
| Ronald Lavallee Memorial Kiwanis Park | Neighbourhood  |           | ✓            | Poor condition.   |
| Rotary Park                           | City           | ✓         |              | Washrooms open at 9:00am.   |
| Shannon Park                          | City           | ✓         |              | Washrooms open 9:00 am to dusk daily, Canada Day to Thanksgiving. |
| Victoria Park                         | City           | ✓         |              | Renovations recently completed.                                   |
| Woodbine Park                         | City           | ✓         |              | Washrooms open during sporting events.                            |

### What We Heard

A number of respondents to the public survey indicated that washroom facilities are not open on a regular basis or when they are needed. Cleanliness of these facilities was also identified as an issue.

### Considerations for 2021 Master Plan: Washrooms and Park Buildings

- Washrooms and park buildings are not captured in the 2010 plan’s recommendation to prioritize replacement and repair of municipal recreation facilities. There has been some (limited) work done related to park washrooms and storage buildings.
- Stand-alone buildings located within parks often require a service level over and above those required for other park amenities. Explore viability and opportunities to implement reduced maintenance and facility resource requirements as it relates to stand-alone park buildings and infrastructure.

- With the new beach / swimming area at Breakwater Park, continue implementation of temporary washrooms at Breakwater Park. The City should monitor use and consider the need for sewer connected washrooms in the long term, which may be implemented through modifications to the temporary facility.

## 9.18 Parkland Design & Amenities

The design and development of parks is led by the City. Certain park projects and specific facility development also may involve developer and/or community volunteer service and contributions to fundraising and resourcing for the design and construction of specific park projects. This is often determined on a park-by-park and project-by-project basis as new parkland is acquired, existing parks are identified for renewal and/or changes involving the introduction of new facilities or replacement/improvement of existing facilities within the parks, and as new projects come forward through local initiatives, proposals, requests and funding opportunities.

Section 4 of this report summarizes key trends and practices that will influence the design and development of parks in the future, related to accessibility standards, safety, crime prevention, sustainability, operational considerations, flexible and multi-use spaces, landscape treatments and use of native plantings, and other amenity trends on a national and international scale. Through implementation, these trends can serve to enhance the experiences of the user as well as contribute to resident's overall quality of life.

### 9.18.1 Inclusion and Accessibility

When discussing inclusion and accessibility, Parks and Recreation Ontario (PRO) Pathways to Recreation: Learning About Ontario's Design of Public Spaces Standard identifies that the following term are often used interchangeably but reflect varying levels of accessibility, and which should be considered when developing new outdoor recreation facilities:

- **Barrier Free Design:** facilities/spaces that are "barrier free" are generally free of obstacles, barriers or changes in level that would make access difficult for those using crutches, canes or wheeled forms of mobility (e.g., strollers, wheelchairs, scooters).
- **Universal Design:** strives to maximize, to the greatest extent possible, the proportion of the potential users who will be able to access facilities and spaces, considering the broadest possible spectrum of potential users (e.g., different age groups, different abilities, genders, various cultures, etc.)
- **Inclusive Design:** refers to design that is "inclusive of the full range of human diversity with respect to ability, language, culture, gender, age and other forms of human difference." It is similar to universal design but attempts to replace the notion of accommodating differences via adaptations with seamless inclusion.

Accessibility requirements under the Design of Public Spaces Standard apply to new construction and the redevelopment of elements in public spaces, including parks, trails and other public amenities. The Standard does not apply to unplanned changes to existing public spaces as may occur due to emergency repairs or otherwise unforeseen forced changes. The Standard also does not apply to the redevelopment associated with environmental mitigation or restoration.

The City of Kingston has completed over 100 accessibility-related projects since the 2010 Plan. This is particularly evident where entire parks have been revitalized or developed, such as Lake Ontario Park and Bert Meunier Common, in addition to smaller achievements, such as playground installations or replacements, including those recently completed at City Park.

As parks are (re)developed, all park, trail and open space amenities should be designed to AODA and City FADS standards. Key highlights as relevant to parks and public space include:

- **Outdoor Play Spaces:** Municipalities must include accessibility in the design of any new or redeveloped play space. Features may include but are not limited to sensory features (e.g. sensory gardens (sight, smell and sound) or sandboxes), as well as active play components that will enable children and caregivers with a wide range of abilities to play.
- **Recreational Trails and Beach Routes:** The requirement for accessibility (per S. 80.6 of the Act) applies to newly constructed or redeveloped multi-use trails. The Standard does not apply to wilderness trails, backcountry trails, dedicated cross-country or snowmobiling and portage routes as these types of recreational trails are typically difficult to access because of their location, and are designed to ensure there is little impact to the natural environment.

### 9.18.2 Safety and Security

The City currently has policies in the Official Plan that identifies that CPTED principles should “be integrated into the design of buildings, site layout and landscape features of development sites”. This should also extend to parks, open space, trail facilities, and all other public places and spaces.

The City should continue to adhere to the principles of Crime Prevention Through Environmental Design (CPTED), which is based on the “belief that the proper design and effective use of the built environment can lead to a reduction in the fear and incidence of crime as well as an improvement in the quality of life” (CPTED, 2018). The philosophy focuses on utilizing natural methods of surveillance, access control and area definition, to positively influence individual’s behavior when interacting with the environment. These principles have become common practice in today’s design realm.

### 9.18.3 New Amenity Types

#### **Outdoor Fitness Stations**

Section 4.5 Parkland Planning, Design and Development Trends, speaks to the growing popularity of outdoor fitness stations. These facilities vary in size and offer (i.e., wellness stations, body-

weight exercise, and climbing structure, among others), and can be configured in a number of ways (i.e., circuit, linear, free flow, etc.). For example, the City of Toronto provides small scale circuit stations with 4 or 5 body-weight exercise stations at some trailheads (e.g., Cedarvale Ravine) and more robust outdoor fitness facilities (10+ stations) at city-wide parks (e.g., centrally located Riverdale Park).

Outdoor fitness equipment was ranked 8<sup>th</sup> overall by survey respondents when asked to identify their top priorities for outdoor facility investment (new or existing) over the next 5 to 10 years.

These amenities are typically provided on a city-wide basis, therefore a number of factors should be considered to determine appropriate locations within Kingston, such as the equitable distribution of facilities across the city (i.e., central, east, west), local landscape and siting (e.g., linear waterfront location, Regional or City park locations), and co-location with other amenities (e.g. in proximity to playground) to promote usability of parkland by multiple audiences.

### **Water Bottle Filling Stations**

Other innovations within parks, such as water bottle filling stations, are gaining popularity to ensure the provision of clean drinking water and reduce waste. The City of Kingston has implemented these amenities within some Community Centres (i.e., INVISTA Centre) and the initiative could be further expanded to outdoor spaces. These can be installed on the exterior walls of existing park buildings, such as washroom facilities, or as stand-alone pedestal units where there is an existing water supply (i.e., replacement of a traditional water fountain).

Criteria to consider in determining locations for installation include availability of water service in the park, access to trail/pathway network, and whether sport and/or play amenities are provided in the park.

### **Other New Amenity Types**

Other ideas for new amenity types that have been suggested through community and stakeholder engagement include multi-generational swings (double swings intended for a baby / toddler and adult), friendship benches, kayak lifts, group picnic areas, natural playgrounds, and amenities to accommodate emerging sports such as disc golf, cricket, and rugby.

#### **9.18.4 Signage and Wayfinding**

An important identifier for municipally owned and publicly accessible parks and trails is signage. Complementary to this is directional and wayfinding signage that enables visitors and tourists to easily navigate the City's destinations and interpretive signage that allows for educational elements to be included in park and trail design.

The City has recently begun to implement the newly designed park signage at several locations throughout Kingston.

9.18.5 Parking

Through the engagement process some concern was raised related to people parking in park lots but not utilizing the recreation facilities. This was especially noted in areas where parking is in high demand and where there are multiple employers nearby. Specific locations of concern include Lake Ontario Park, City Park, Richardson Beach, Emma Martin Park and at the Artillery Park Community Centre.

Status of 2010 Master Plan Recommendations: Parkland Design & Amenities

| No.     | Recommendation  | Status               | Details |
|---------|---|----------------------|---------|
| 143     | Through the parkland design process, ensure that sufficient spaces are allocated to facilitate spontaneous informal activities within all types of parks. Informal spaces should be large enough to accommodate casual play and gathering opportunities, as well as being flexible enough to accommodate any future infrastructure demands that may arise through the needs associated emerging activities. | Ongoing / Continuous |         |
| 144     | Provisions to incorporate spaces and amenities encouraging physical activity, wellness and informal use opportunities should be paramount considerations in the design of parks in order to encourage use and facilitate activity levels.   | Ongoing / Continuous |         |
| 145     | The City should continue to design parks that incorporate natural, indigenous vegetation features in order to foster an appreciation for such areas and maintain crucial ecological functions.  | Ongoing / Continuous |         |
| 146     | Public washroom facilities (through a combination of permanent and portable facilities) should continue to be provided at heavily utilized parks and key trailheads along the greenway systems.   | Ongoing / Continuous |         |
| 147 (a) | To ensure that accessibility and safety concerns do not become a barrier to park usage, municipal parks should be designed with consideration of the City's accessibility standards and continue to incorporate Crime Prevention Through Environmental Design (CPTED) principles.   | Ongoing / Continuous |         |

| No.     | Recommendation   | Status               | Details   |
|---------|--|----------------------|---|
| 147 (b) | The City should also facilitate ambassador programs in consultation with the local police department to encourage civic participation in keeping local parks free of undesirable behaviours and ensure neighbourhood parks are responsive to the needs of their surrounding communities.   | Ongoing / Continuous |   |
| 148     | Ensure that adequate and consistent signage exists at all municipal parks, trailheads (with appropriate identification and routing information) and recreation and cultural facilities. Signs should conform to a set of municipal guidelines to ensure consistency in appearance and information conveyed, while also ensuring that signs are restored or replaced when they deteriorate. | In Progress          | A design for park signage has been approved. Implementation is pending. |

#### Considerations for 2021 Master Plan: Parkland Design & Amenities

- As park improvements are required (as determined by the City), address AODA compliance (with priority for high use areas such as the waterfront, City-wide or District parks). Consider accessibility improvements and align park upgrades with accessibility needs. Improvements should be designed to AODA and City FADS standards, and through consultation with the City’s Municipal Accessibility Advisory Committee (MAAC).
- The opportunity exists to explore the feasibility of developing outdoor fitness equipment within parks and open spaces. Complementary to the indoor fitness centre offer (user-pay facilities), outdoor fitness stations provide free access to all residents. Larger destination parks, along existing trails, or in areas of higher relative concentrations of older adults should be considered as the preferred location(s).
- Consider developing an appropriate parking management strategy for park locations where issues of unauthorized parking have been raised.
- Continue to carry out the implementation of recently developed park identification signage.
- Opportunity to develop a city-wide strategic approach to the service provision of unplanned, new, and emerging park amenity trends. Criteria for siting may include park typology, other park amenities, and local demographics. Encourage / pursue partnerships related to park amenity development.
- The incorporation of public art / artful elements as a key component to parkland design in Kingston will continue to be important over the Plan period.

### 9.19 Environmental Sustainability

Kingston has a variety of important natural and ecological areas, many associated with the local water courses (Catarauqui and Little Catarauqui Rivers). The City is continually making efforts to conserve woodlots, incorporate native plantings, and maintain certain areas in a natural state within active parks.

The City should continue to align with growing trends and expectations that park facilities and day-to-day operations be environmentally friendly with reduced environmental impacts.

#### Status of 2010 Master Plan Recommendations: Environmental Sustainability

| No. | Recommendation   | Status                            | Details   |
|-----|--|-----------------------------------|---|
| 129 | Include specific targets and quantified benefits toward environmental sustainability in parks and recreation. These targets should relate to the respective mandates and efforts to protect and preserve clean air, land and water and encompass parks naturalization, beautification, urban forestry targets, reduction of waste in facilities and parks/facilities, education and awareness through the facilities, programs and services, reduction of gas emissions through the use of trails for active transportation, green fleet and the engagement of children and youth in protecting and enhancing the environment. | In progress (partially completed) | LID initiatives LED lighting and recycling programs in parks have been developed or are pending.  |
| 130 | Pilot programs that support litterless lunches in camps, litterless parks sites and increase recycling and environmentally friendly practices in facilities.   | Pending                           | A collaborative strategy among School Boards, Public Works and Recreation and Leisure required. Note: Sharp bins installed in some parks. |
| 131 | Continue to include more interpretive signage along trails and in parks and facilities that speak to environmental efforts and the positive results of being environmental stewards.   | Ongoing / Continuous              | Kilometer markers and signage installed along K&P trail (as per Recommendation 61).   |



| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 132 | Continue to place priority on decreasing energy consumption in parks and in facilities.                    | Ongoing / Continuous | Lighting Retrofit at INVISTA was complete in June 2018 and Artillery Park in September 2018. Parks lighting upgrades (LED) have occurred in some parks. |
| 133 | Continue to engage and recognize environmental groups and volunteers that support the stewardship efforts. | Ongoing / Continuous | Engagement via the Sustainable Kingston initiative.   |

### Considerations for 2021 Master Plan: Environmental Sustainability

- Consider Low Impact Development (LID) measures within parks, as new parks are developed or as existing parks are revitalized, where feasible, to help to promote environmental sustainability within the city.
- Continue to provide naturalized areas within parkland where possible. This can provide visual interest, reduce runoff and necessitate more environmentally friendly maintenance practices.
- Consideration for the provision of additional garbage bins and inclusion of recycling bins within parks and at trail heads in an effort to reduce littering within these spaces.

## 10 Assessment of Parkland, Trails & Open Space

The following provides an overview and assessment of the parks, trails and open spaces that are owned and/or operated by the City of Kingston. The City's parks offer a wide range of outdoor recreation facilities and amenities to enable a range of activities, including playgrounds, sports fields, tennis courts, splash pads, outdoor ice rinks, skateboard parks, community gardens, off-leash dog parks, natural areas, boat launches, as well as park buildings, such as washrooms and shelters.

### What We Heard: Public Online Survey Feedback on Parks, Trails and Open Space

Half of survey respondents (n=198) indicated that they use the City's parks and / or trails at least once a week, and many use them on a daily basis (22%).



Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

In general, survey respondents (n=183) indicated that their experience in the City's parks and trail system met their expectations. The highest rate of satisfaction pertained to access to parks and trails (86%). Conversely, the highest rate of dissatisfaction related to the washroom facilities (31%), access to garbage bins (25%), and picnic areas / seating (13%). Suggested improvements to parks, open space and trail amenities identified by respondents included:

- Improved identification signage and mapping for City park locations;
- Provide more garbage bins and include recycling bins in parks and along trails;
- More trails within Countryside District;
- Improved on-road cycling conditions and connections;
- More public access to the waterfront; and
- More natural vegetation within the parks.

When asked “In your opinion, are there enough parks, trails, open spaces and outdoor recreation facilities in your neighbourhood and surrounding area?” respondents were split with 53% answering ‘yes’ and 47% answering ‘no’. Of those respondents (n=92) who do not think there are enough parks, trails, open spaces and outdoor recreation facilities, many identified what they think is needed.

Exhibit 57: Additional Facilities Needed

| Outdoor Recreation Facility                | % of Respondents Identified Need | Comments  |
|--|----------------------------------|---|
| <b>Trails (biking/walking)</b>             | 38%                              | <ul style="list-style-type: none"> <li>○ More trails within the rural areas;</li> <li>○ Safe trails throughout the City with clearly identified entrances and path markers;</li> <li>○ Bike paths /walking trails through connected wildlife corridors;</li> </ul>                            |
| <b>Naturalized parkland</b>                | 17%                              | <ul style="list-style-type: none"> <li>○ Requires less maintenance / City resources;</li> <li>○ Promotes local flora and fauna;</li> <li>○ Include food forests;</li> <li>○ Many respondents would like to see Belle Park left in a natural state (not developed for active uses);</li> </ul> |
| <b>Active Transportation Connections</b>   | 9%                               | <ul style="list-style-type: none"> <li>○ Providing additional and improved connections to green spaces, parks and trails through active transportation means (bike lanes, accessible transit, sidewalks, etc.);</li> </ul>  |
| <b>Off-leash dog park / walking trails</b> | 8%                               | <ul style="list-style-type: none"> <li>○ Suggested locations include Cataraqui Arena, City Park, Doug Fluhrer Park, and Belle Park;</li> <li>○ Off-leash walking trails could be dedicated or time-of-day.</li> </ul>   |

Source: Sierra Planning and Management based on Master Plan Public Survey Results, 2018

This is in line with the priorities for investment identified by respondents (n=191), where nature trails were the top priority for 24% of respondents, followed by naturalized playgrounds, washroom facilities, and paved multi-use trails, each being identified as top priority for 9% of respondents. These comments echoed what we heard at the Community Workshop, which also included:

- Better by-law enforcement, particularly related to off-leash dogs and smoking in parks.
- More trails, bike paths and walkways that have lighting for safety.
- Some attendees identified the need for additional washroom facilities or existing washrooms to be open more regularly.
- Inclusion of water fountains / water bottle filling stations within the parks and trail network.

Similarly, user groups identified the need for trails and pathways that are inclusive and accessible, creating formal pathways where desire lines cross parks (e.g., Compton Park, Elder Park, etc.), preserving open space for flexible or unstructured uses (including sports practices). Additionally, it was suggested that pathways and connections within new development should be required from the developer to ensure that there are safe and convenient routes for recreational and active transportation purposes.

## 10.1 Waterfront

As identified in Section 3.1.2, the City developed a Waterfront Master Plan (WFMP) in 2016 through an intensive community engagement strategy. One of the key objectives of the WFMP is to secure a fully connected public waterfront pathway system that would link parks and open spaces with other important waterfront destinations. The City owns several waterfront properties, some of which have undergone recent renovations including Lake Ontario Park, Breakwater Park, and MacDonald Park/Richardson Beach, however there are other portions of the waterfront that are in private or institutional ownership where either acquisition of land or public use through an easement will be required.

In addition to parks and open space along the water, there are also a variety of active uses, including beaches and boat launches, etc. These amenities are detailed below.

It is also important to note that the Waterfront Pathway from Portsmouth Olympic Harbour to Lake Ontario Park, the Breakwall Promenade at Flora MacDonald, Confederation Basin Marina, Richardson Beach, Belle Park and Douglas R. Fluhrer Park are key waterfront improvement projects planned over the next five years.

### 10.1.1 Beach Areas

#### Supply

The City currently owns and maintains 4 beach areas, including:

- Lake Ontario Park;
- Breakwater Park;
- Grass Creek Park; and
- Richardson Beach (Macdonald Memorial Park).

| Municipal Supply:<br>Beach Areas |      |
|----------------------------------|------|
| 2010                             | 2021 |
| 4                                | 4    |

Lake Ontario Park and Breakwater Park have undergone revitalizations since the 2010 Plan, including beach improvements. Improvements to Richardson Beach, identified as a top priority in the Waterfront Master Plan, were completed in 2020.

The beaches at Lake Ontario Park and Grass Creek Park are complemented by other recreational amenities such as playgrounds, splash pads, picnic pavilions, boat launches, etc., enabling a variety of activities for multiple audiences.

## What We Heard

Beaches had the highest rate of dissatisfaction with nearly 40% identifying that that were ‘dissatisfied’ or ‘very dissatisfied’. Suggestions for beach improvements included accessibility by public transit, inclusion of water taps to clean hands/feet, and more opportunities for lake swimming.

## Considerations for 2021 Master Plan: Beach Areas

- Acquisition of waterfront land continues to be important, as identified in the Waterfront Master Plan. The City should continue to strive towards a connected waterfront (spaces and pathways).
- Beyond beach areas, there are many waterfront areas and pathways that are affected by wave uprush and shoreline erosion. It will be important to continually monitor areas of the waterfront that are affected by wave uprush and shoreline erosion. Consider developing a strategy to address improvements and repairs based on risk, use and feasibility.

### 10.1.2 Boat Launches

#### Supply

The City currently owns and operates a total of 9 boat launches, located along the lake and river’s edge throughout the city:

- An Gorta Mor Park;
- Cecil & Wilma Graham Park;
- Collins Bay (2);
- Emma Martin Park;
- Grass Creek Park;
- Jarvis Road Open Space;
- Lake Ontario Park; and
- Portsmouth Olympic Harbour (discussed above).

| <b>Municipal Supply:<br/>Marinas &amp; Boat Launches</b> |             |             |
|--|-------------|-------------|
|  | <b>2010</b> | <b>2021</b> |
| Boat Launch  | -           | 9           |

### Non-Municipal Supply

In addition to the municipal supply, there are a total of 7 private boat launches (located at commercial marina facilities) and 2 institutional boat launches (located on CFB Kingston lands).

### What We Heard

Motorized water-based user groups indicated that there is a lack of higher quality boat ramps within the city. Trailer parking at these locations was also identified to be an issue. Specific issues identified through engagement with user groups included:

- Portsmouth Olympic Harbour:
  - needs wider launching ramps and direct access for boats;
  - site layout - could be more efficient to accommodate all users;
  - site management – difficult to manage traffic on site with current access points;
- Collins Bay boat ramp: limited parking;
- Lake Ontario Park boat ramp: not designed for trailered boats; and
- West Street boat launching: no parking.

### Considerations for 2021 Master Plan: Boat Launches

- Shallow water at some boat launches does not allow for motorized boats to be launched. The environmental factors must be considered at each launch site when determining whether larger / motorized boats can be accommodated.
- Consideration for improved boat launch ramps and ample trailer parking to increase access to the rivers and lakes. The opportunity exists to explore appropriate off-site / alternative parking locations for trailers.

### Status of 2010 Master Plan Recommendations: Waterfront

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 116 | The City should continue to enhance, improve and acquire lands along the waterfront, while ensuring that the waterfront pathway is continuous and connected to as many parks and attractions as possible. The waterfront path should be an appropriate width to accommodate cyclists, walkers and joggers. | Ongoing / Continuous | Waterfront Master Plan (WFMP) approved and ongoing. |

## 10.2 Marinas

### Supply

The City currently operates two (2) marina facilities:

- Portsmouth Olympic Harbour; and
- Confederation Basin Marina.

| Municipal Supply:<br>Marinas |      |      |
|------------------------------|------|------|
|                              | 2010 | 2021 |
| Marina                       | -    | 2    |

Portsmouth Olympic Harbour is located west of the downtown area, within the historic Portsmouth Village. The marina, built in 1976 for the Olympics, features 250 slip finger docks as well as dry docking for winter storage. The harbour currently hosts numerous Canadian Olympic Training Regattas (CORK) annually, as well as other events, while the harbour building offers several meeting rooms for rent.

Confederation Basin Marina is strategically located in front of City Hall in the historic area of downtown Kingston. The marina has 350 slip finger docks. Confederation Basin Marina also features a marina office with visitor information, private washrooms and showers, laundry facilities, vending machines, and public telephones. Electrical and water hook-ups are also available at this facility. Both marinas are capable of accommodating both power and sail boats up to 100 feet in length.

The City has had lease agreements with Fisheries and Oceans Canada, Small Craft Harbours Branch (DFO) for both marina facilities since 1977. The current lease agreements expired in 2020.

One of the key strategies identified within the Waterfront Master Plan is the acquisition of waterfront lands for public access, through the Planning Act or other means. It is understood that as an outcome of the Waterfront Master Plan the City intends to acquire both marinas, with Confederation Basin being acquired first, followed by Portsmouth Olympic Harbour over the medium-term (5 years or so). The acquisitions are dependent on several factors including the future of the Kingston Penitentiary which is adjacent to Portsmouth Olympic Harbour marina lands. A visioning exercise has been completed for these lands which identifies the potential to redevelop the POH building to become a community hub for marine and sailing activity and events.

### Non-Municipal Supply

In addition to the municipal supply, there are a total of 8 private and 2 institutional marinas.

### What We Heard

20% of respondents to the public survey (or a member of their family) has used a City-run marina within the past 12 months. Over 60% of those who use marinas indicated that they are 'satisfied' or 'very satisfied' with the facilities provided. Some respondents indicated that boat launching at Portsmouth Olympic Harbour was costly.

Status of 2010 Master Plan Recommendations: Marinas

| No. | Recommendation  | Status      | Details  |
|-----|---|-------------|--|
| 118 | Implement the findings of the Kingston Marinas Sustainability and Development Strategy & Business Plan. | In Progress | Currently exploring divestiture by DFO of water lots that pertain to City Marinas. |

Considerations for 2021 Master Plan: Marinas

- Explore viability for a partnership for the third-party operation of municipal marinas.
- Reconfiguration and expansion of the Confederation Basin Marina is needed, to improve views and increase public access to the water’s edge.
- Opportunity to create a continuous public access along the waterfront (as per the Waterfront Master Plan and Portsmouth Visioning), develop a new purpose-built building that will provide a better facility for marina users, and provide community space at the Portsmouth Olympic Harbour site. Continued partnership with the federal government to carry out recommendations of the visioning will be important.

### 10.3 Trails & Pathways

#### Supply

Within city boundaries, there are two major trails that the City owns and maintains, namely the Waterfront Pathway and the K&P Trail. The Waterfront Pathway spans 8 km of lake and river shoreline within the city and is part of a larger system – the Waterfront Trail - comprising over 900 km connecting communities from Niagara to Quebec. Within Kingston, the Waterfront Pathway begins at the Rideau Trailhead on the south side of King Street West, just west of Lake Ontario Park and ends at Emma Martin Park (Molly Brant Point) at Catarqui Street in the north east of Kingston’s Central area.

The K&P Trail covers 22 km, comprising two sections (an urban, paved 7km long section, and a rural, gravel 15 km section). The urban section was complete in 2017 and is comprised of both on-road and off-road portions providing connections from Confederation Park to the Binnington Court access point which lies just south of Highway 401. The rural portion of the trail runs from Binnington Court to Orser Road in a northwest direction.

Additionally, the City is currently planning the Leroy Grant Pathway, a 1.3 km multi-use paved trail running from Elliot Avenue to Third Avenue Park. An assessment of this trail is currently underway, as part of the City’s Active Transportation Plan.



### **Non-Municipal Supply**

There are several additional trails located within the City of Kingston that are owned and / or managed by other organizations, including:

- The Rideau Trail begins at the Rideau Trail Trailhead (point at which the Waterfront Trail ends at King Street West) in the City of Kingston and extends north and east, ending in Ottawa (327 km in length);
- The Cataraqui Trail spans the area between Smith Falls in the east and Strathcona in the west. The 103 km trail is a year-round, shared use recreation trail, and crosses through Kingston's rural area in the north end of the city;
- Lemoine Point Conservation Area, located on Lake Ontario at Collins Bay, has 11 km of trails within its boundaries. The trails are mostly for walking and hiking (grass base), however one trail allows cyclists (granular base). The Waterfront Trail passes through these lands as well; and
- Little Cataraqui Creek Conservation Area, located just north of Highway 401 at Division Street, also has a small internal trail network comprised of 14 km of grass trails for walking and hiking.

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### **Geographic Distribution**

Kingston's existing urban cycling network is comprised of both on and off-road cycling facilities, as provided in the exhibit below. This network is augmented by the extensive pedestrian network which utilizes sidewalks, multi-use pathways, and other important connections within the city.

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### **Participation Trends in Active Transportation**

With walking for leisure or exercise being the top activity that survey respondents participated in within the past year (by 70% of respondents), trails and active transportation routes are an important consideration as part of the overall parks and recreation network within Kingston. While the City has recently completed an Active Transportation Master Plan, Walk 'n' Roll (reviewed in Section 3 of this report), coordination with the initiatives of Recreation & Leisure Services will be important moving forward.

Several recent national studies conducted on walkability and cycling concluded that a major influence on mode choice was safety concerns caused by vehicular traffic, including speed, volume, road crossing conditions, etc. Linked to this, people's decisions to walk or bike are influenced by the route quality path connections, vegetation and scenery<sup>30</sup>. These findings were echoed by public survey respondents in Kingston who indicated that they would like to see improved on-road

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<sup>30</sup> Planning Healthy Communities Fact Sheet Series – Active Transportation, Health and Community Design, Canadian Institute of Planners, 2012.

cycling conditions and connections, safer trails throughout the City, and multi-use pathways through connected wildlife corridors.

Another study found that those above the age of 45 were more likely to walk at least 30 minutes each day if their neighbourhood had a higher density of destinations<sup>31</sup>. 86% of survey respondents were satisfied with their level of access to parks and trail facilities. However, over 40% of respondents felt that their neighbourhood did not have enough parks, trails, or open spaces available; a majority of which lived in King’s Town, Sydenham and Pittsburg Neighbourhoods, which comprise the downtown core and the area directly across the Cataraqui River, adjacent to CFB Kingston.

**Local Trends**

Modes of active transportation were among the activities that were most participated in by respondents of the public survey. As previously mentioned, over 70% of public survey respondents indicated that they walk for leisure or exercise, while over 40% indicated that they participate in on-road cycling and 21% participate in off-road cycling activities.

Additionally, the outcomes of a Public Opinion Survey conducted in 2016 as part of the Active Transportation Study, Walk ‘n’ Roll, identified that most people in Kingston walk or cycle to improve or maintain fitness and health (more than 40% and 50% respectively), while getting to and from work was the next highest trip purpose for walking and cycling (30% and 40%).

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**Status of 2010 Master Plan Recommendations: Trails and Pathways**

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 94  | The City should continue to pursue the implementation of recommendations set forth in the Cycling and Pathways Study and relevant policies identified in the adopted Official Plan, with special attention to ensuring strong connectivity within the trail and pathway network. The City should ensure that it is reviewing its progress with regard to the implementation of recommendations. | Ongoing / Continuous | Cycling and Pathways Study integrated with the new Active Transportation Master Plan, Walk ‘n’ Roll (Draft May 2018). |
| 95  | The City should design trails to become multi-seasonal facilities which can provide a range of opportunities in the summer and winter months. The types of permitted uses should be evaluated on a trail-by-trail basis.  | Ongoing / Continuous | Completion of the K&P Trail and dialog with key groups like Kingston Coalition for Active Transportation (KCAT).      |

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<sup>31</sup> Ibid.

| No. | Recommendation  | Status               | Details   |
|-----|---|----------------------|---|
| 96  | Continue to enhance waterfront trails to maximize their aesthetic and functional value, while making every effort to provide complete connectivity within the urban area by strategically acquiring parcels of land or negotiating access to private lands. | Ongoing / Continuous | Completion of Waterfront Master Plan which is also implemented into the 2017 Official Plan. Phase 1 of Inner Harbour Trail and Lake Ontario Park complete. Breakwater Park renovation recently completed. |

### Considerations for 2021 Master Plan: Trails and Pathways

- With cycling as a means of commuting and leisure being popular in Kingston, the prospect to include cycling infrastructure (i.e., bike parking, bike repair stations, etc.) in the design of strategically located parks and other facilities is present, potentially through partnerships and/or sponsorships. These could be located strategically at entrances to major parks and open space, trail heads and other major routes, community centres, and other major municipal facilities.
- Continue to design trails as multi-seasonal facilities to provide a range of opportunities in the summer and winter months. The types of permitted uses should be evaluated on a trail-by-trail basis.
- Integrate the development/redevelopment of trails and pathways in open space planning throughout the City to complement the recommendations identified in the Active Transportation Plan.
- Explore partnerships with:
  - Local organizations to maintain existing trails and develop future trails (i.e., MBK, etc.).
  - Local groups or businesses to provide bicycle repair stations within the parks, open space, and trail network.

## 10.4 Parkland Classification & Supply

The City’s Official Plan (2017) identifies a park hierarchy and includes four (4) parkland typologies:

**Regional parks and recreation areas:** attract patrons from the wider regional area and may include multiple functions on a property;

**City-wide parks:** attract patrons from a wide area across the municipality and may be designed for multi-purposes or specialized functions, including civic and cultural activities and recreational and social functions;

**District parks and playfields:** serving a number of neighbourhoods, provide for a variety of outdoor or indoor facilities for sports, recreation and community centre uses; and,

**Neighbourhood parks and playgrounds:** accommodate a range of more informal recreational, leisure and play activities, frequently oriented to children’s facilities.

## Supply

The City’s current supply of parkland includes 219 parcels of parkland which comprises over 626 hectares of land. The supply of parkland has increased since the 2010 Plan was developed, however because of improved inventory tracking and mapping technologies, it is clear that the 2010 supply was under-represented.

| Municipal Supply:<br>Parkland & Open<br>Space |        |
|---|--------|
| 2010  | 2021   |
| 526 ha  | 626 ha |

Based on the hierarchy identified in the Official Plan and data provided by the City, the current supply of parkland results in the following breakdown by classification.

Exhibit 58: Municipal Parkland Supply by Classification

| Park Classification                    | No. Sites  | Area (ha.)   |
|--|------------|--------------|
| Regional                               | 3          | 80.6         |
| City-Wide                              | 31         | 192.8        |
| District                               | 20         | 70.9         |
| Neighbourhood                          | 157        | 245.5        |
| Unclassified                           | 8          | 36.1         |
| <b>Existing Supply: Total Parkland</b> | <b>219</b> | <b>626.2</b> |

Note: Parkland classifications were informed by City of Kingston’s park inventory  
Source: Sierra Planning and Management based on City of Kingston data

The existing parkland supply can be further broken down into ‘active’ and ‘passive’ parkland. ‘Active’ parkland is generally defined as lands maintained by City staff for formal and/or informal recreation uses (e.g., hard surfacing, mowed grass, etc.), including:

- Formal Uses: Sports fields, sports courts, running tracks, etc; and/or
- Informal Uses: Grass used for casual outdoor play, dog parks, picnic areas, playgrounds, etc.

Whereas ‘passive’ parkland generally consists of the following types of lands:

- Natural areas in a non-manicured/non-maintained condition;

- Woodlots (where observed to be undevelopable or larger than 100 m wide); and
- Conservation reserves, or buffers for ecosystem protection retained in a natural state.

Active parkland has been separated out from the more passive, unmaintained parkland enabling a more accurate picture of the parkland available for formal or informal recreational use by the public.

### Non-Municipal Supply

There is additional parkland and open space within the city limits that are outside of municipal control and provide varying degrees of access to Kingston's residents, and therefore are not included in the analysis. This includes conservation areas, federal lands (CFB or otherwise), and public school properties.

Based on a high-level assessment of local primary and secondary school properties within the city, it is estimated that there is an additional +/- 100 hectares of parkland / open space that is usable by the public outside of school hours (evening and weekends). School yards are often considered an important neighbourhood amenity for those who live in proximity and are used interchangeably with municipal parkland.

#### Exhibit 59: Non-Municipal Parkland Supply

| Land Ownership           | Total Area (ha.) |
|--------------------------|------------------|
| Public School Properties | 102.73           |
| Federal Lands            | 58.90            |
| Provincial Lands (CRCA)  | 744.53           |
| <b>Total</b>             | <b>906.16</b>    |

Source: Sierra Planning and Management based on City of Kingston data.

### Service Level / Standard of Provision

With a total of 626 hectares of municipal parkland and a 2016 Census population of 123,805, the City currently supplies 5.1 hectares of total parkland (active and passive lands) per 1,000 residents. This is towards the higher end based on the levels of provision typically observed in similar communities. The 2010 Plan recommended targeting an overall provision level of 4.0 ha per 1,000 new residents, as the City already provides parkland in excess of this.

When considering only the active parkland that is readily usable for recreational purposes, the City provides 3.5 hectares per 1,000 residents. This is higher than targets typically observed in similar communities which range between 2.0 and 3.0 hectares of active parkland per 1,000 residents.

Exhibit 60: Municipal Parkland Service Level

| Park Classification                    | Area (ha.)   | Overall Provision Level (ha/1,000) | Provision Level for Active Parkland Only |
|--|--------------|------------------------------------|--|
| Regional                               | 80.6         | 0.7                                | 0.7                                      |
| City-Wide                              | 192.8        | 1.6                                | 1.3                                      |
| District                               | 70.9         | 0.6                                | 0.3                                      |
| Neighbourhood                          | 245.5        | 2.0                                | 1.1                                      |
| Unclassified                           | 36.3         | 0.3                                | 0.1                                      |
| <b>Existing Supply: Total Parkland</b> | <b>626.2</b> | <b>5.1</b>                         | <b>3.5</b>                               |

Note: Parkland classifications were informed by City of Kingston’s park inventory

Source: Sierra Planning and Management based on City of Kingston data

With several residential developments in various stages of the process, data provided by the City indicates that an additional 15.0 hectares of total parkland is currently being planned for implementation to the end of the plan period. Taking this into consideration, coupled with the projected population growth, the City would need to acquire an additional 63.4 hectares of parkland by 2036 to meet the target standard of provision, as detailed below.

Exhibit 61: Estimated Future Parkland Acquisition Requirements

|   | 2016                                 | 2021        | 2026        | 2031        | 2036        |
|---|--------------------------------------|-------------|-------------|-------------|-------------|
|   | (Census)                             | (Estimated) |             |             |             |
| City Population                         | 123,805                              | 131,700     | 136,100     | 140,100     | 143,400     |
| Population Added from 2016              | -                                    | 7,895       | 12,295      | 16,295      | 19,595      |
| Parkland Provision Target               | 4.0 hectares per 1,000 new residents |             |             |             |             |
| Additional Parkland Required            | -                                    | 31.6        | 49.2        | 65.2        | 78.4        |
| Planned Parkland <sup>1</sup>           | -                                    | 15.0        | 15.0        | 15.0        | 15.0        |
| <b>Net Additional Parkland Required</b> |                                      | <b>16.6</b> | <b>34.2</b> | <b>50.2</b> | <b>63.4</b> |

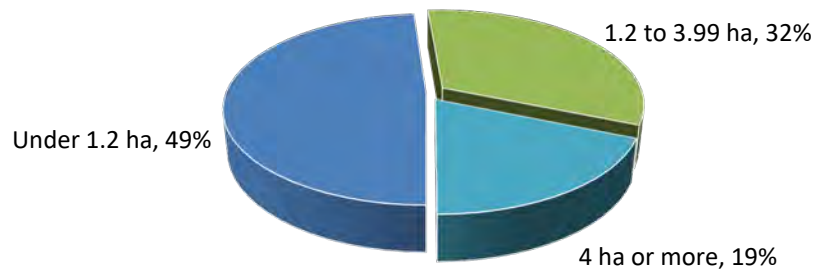
Note: Takes into consideration planned parkland to 2034 as identified by the City.

Sources: Sierra Planning and Management based on Statistics Canada census data (2016), and City of Kingston Population, Housing and Employment Forecast Report, 2019.

### Minimum Park Size

Approximately half of the municipal parkland parcels are under 1.2 hectares in size, which was recommended as the minimum size for parks in the 2010 Plan. The average park size has remained stable at 2.5 ha as identified in the 2010 Plan.

### Breakdown of Municipal Parkland by Size (ha)



Source: Sierra Planning and Management based on City of Kingston data

Larger park parcels generally allow for greater opportunity for the co-location of park amenities, as well as the provision of multi-field sport complexes.

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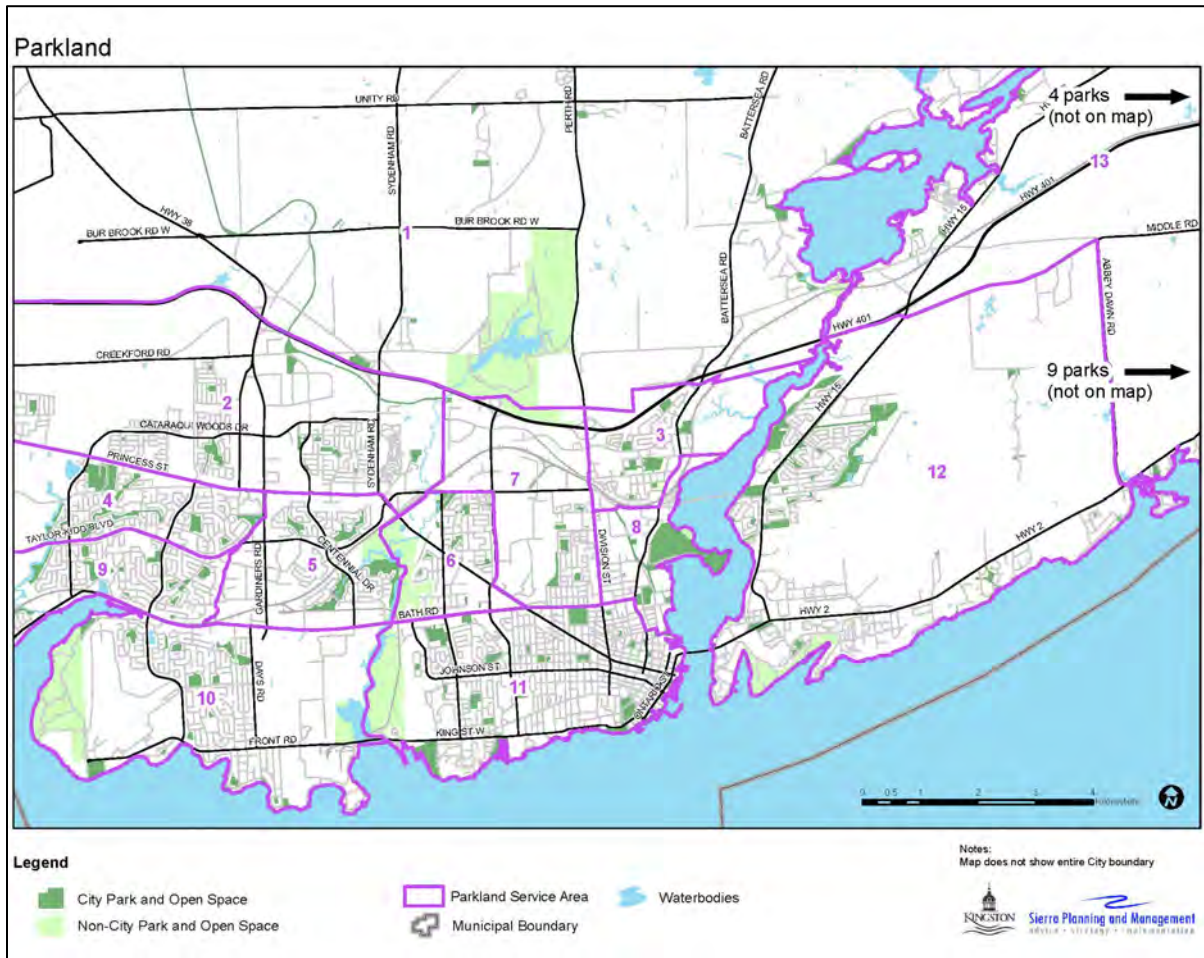
### Proposed Parkland Service Areas

Currently, parkland is planned on a Neighbourhood basis focused on the 43 neighbourhoods within the city (as identified in Section 2.1). The opportunity exists to reconsider park service areas on a more accurately representative basis than based on neighbourhood boundaries (with consideration for natural barriers, transportation and infrastructure barriers, land uses, and population statistics, etc.). For the purposes of this report, 13 park service areas are proposed, as detailed in the exhibit below. These service areas were developed with consideration for the following:

- Physical Constraints including:
  - Highways and Major Roadways;
  - Rail Corridors; and
  - Natural Features (valley lands, wetlands, rivers, creeks, etc.).
- Population by Dissemination Areas; and
- Land Uses.



Exhibit 62: Proposed Park Service Areas



Source: Sierra Planning and Management

It is recognized that the Draft Proposed Park Service Areas are somewhat aligned to the 13 Transportation Focus Areas identified in the Active Transportation Master Plan (ATMP), as they were developed based on a similar set of considerations.

The service areas depicted above result in the following breakdown of parkland per 1,000 population. The rural areas tend to have a higher level of provision, while those more urban or downtown areas tend to have a lower level of provision on a population basis. Those areas north of Bath Road, between the Little Cataraqui River and Division Street (Areas 6 and 7) and Rideau Heights (Area 3) have the lowest standard of parkland provision.



Exhibit 63: Breakdown of Parkland Service Level by Proposed Service Area

| Park Service Area | 2016 Pop.      | No. Parks  | Pop. / Park | City Parkland (ha) | Avg. Park Size | Service Level (ha/1,000 pop) | Active Areas (ha/1,000 pop) | Natural Areas (ha/1,000 pop) |
|-------------------|----------------|------------|-------------|--------------------|----------------|------------------------------|-----------------------------|------------------------------|
| 1                 | 5,319          | 13         | 409         | 60.77              | 4.67           | 11.43                        | 9.51                        | 1.90                         |
| 2                 | 11,706         | 24         | 468         | 38.17              | 1.59           | 3.26                         | 1.90                        | 1.36                         |
| 3                 | 7,164          | 9          | 796         | 20.17              | 2.24           | 2.82                         | 2.36                        | 0.46                         |
| 4                 | 10,158         | 11         | 923         | 53.18              | 4.83           | 5.24                         | 3.71                        | 1.53                         |
| 5                 | 8,280          | 7          | 1,183       | 35.66              | 5.09           | 4.31                         | 1.40                        | 2.91                         |
| 6                 | 7,400          | 14         | 529         | 12.58              | 0.90           | 1.70                         | 1.28                        | 0.42                         |
| 7                 | 4,985          | 8          | 623         | 11.79              | 1.47           | 2.36                         | 2.37                        | 0.00                         |
| 8                 | 3,905          | 17         | 230         | 74.93              | 4.41           | 19.19                        | 12.24                       | 6.94                         |
| 9                 | 8,695          | 18         | 483         | 31.10              | 1.73           | 3.58                         | 1.62                        | 1.96                         |
| 10                | 11,722         | 21         | 558         | 36.95              | 1.76           | 3.15                         | 2.64                        | 0.52                         |
| 11                | 29,180         | 52         | 561         | 89.05              | 1.71           | 3.05                         | 2.93                        | 0.12                         |
| 12                | 11,110         | 38         | 292         | 87.44              | 2.30           | 7.87                         | 3.82                        | 4.05                         |
| 13                | 4,174          | 19         | 220         | 74.45              | 3.92           | 17.84                        | 11.64                       | 6.21                         |
| <b>TOTAL</b>      | <b>123,798</b> | <b>251</b> | <b>493</b>  | <b>626.24</b>      | <b>2.49</b>    | <b>5.06</b>                  | <b>3.47</b>                 | <b>1.59</b>                  |

Note: Total number of parks shown above is not equivalent to the actual number of parks within the supply as some parks straddle service area boundaries and are therefore counted within each.

Source: Sierra Planning and Management based on City of Kingston data and Statistics Canada 2016 Census data.

Status of 2010 Master Plan Recommendations: Parkland Classification and Supply

| No.     | Recommendation   | Status               | Details   |
|---------|--|----------------------|---|
| 122 (a) | <p>To maintain a consistent and high-quality level of parkland provision, while striving to achieve principles of function, distribution and walkability in the parks system, it is recommended that the City:</p> <ul style="list-style-type: none"> <li>o Encourage parkland provision at a rate of 4.0 hectares per 1,000 new residents over the course of the master planning period (this will require the City to creatively acquire parkland over and above the legislative mandates of the Planning Act).</li> </ul> | Ongoing / Continuous | The City's Strategic Plan, items 5.1, 5.2, 5.3 are in concert with these recommendations to ensure a greener city with protected woodlands. |

| No.     | Recommendation   | Status               | Details  |
|---------|--|----------------------|--|
| 122 (b) | o Encourage the provision of active forms of parkland within an 800 metre radius of major or intensive residential areas, through an amendment to, or at the time of the next comprehensive review of the Official Plan.   | Ongoing / Continuous | Geographic distribution and parkland type service level is part of the Master Plan update process.           |
| 122 (c) | o Create an 'urban park' category as part of the City's parkland classification system, as residential intensification becomes more pronounced. Urban Parks tend to be smaller than Neighbourhood Parks, contain more hard surfaces and elements such as gazebos, sitting areas, public art, etc., facilitate more intense and all-season uses, and are supportive of the principles of walkability and placemaking.   | Pending              | Not included in the Official Plan Update completed in 2017.  |
| 122 (d) | o Through an amendment to, or at the time of the next comprehensive review of the Official Plan, the City should stipulate that parks be a minimum of 1.2 hectares in size unless otherwise deemed acceptable by the municipality (e.g. in instances where 'urban parks' are appropriate such as intensifying or infill areas), nor should the City apply a provision target for the acquisition of parks less than 1.2 hectares and should refrain from accepting these types of parks through the parkland dedication process. Furthermore, the City should also attach minimum park sizes to each of the open space typologies to further define each park type within the hierarchy. | Pending              | Not included in the Official Plan Update completed in 2017.  |
| 123     | To meet parkland needs associated with forecasted population growth, a total 54 hectares of parkland will be required by the year 2026.  | Ongoing / Continuous | Current development strategies and open space allocations intended to meet park and open space requirements. |
| 124     | The City should evaluate opportunities to increase its provision of parkland in the established downtown core, specifically in the   | In Progress          | Opportunities for parkland have been identified through  |

| No. | Recommendation  | Status      | Details   |
|-----|---|-------------|---|
|     | areas between York and Princess Street, as well as between Earl Street and Johnson Street. Opportunities to procure parkland in these areas may be difficult and it would be acceptable for the City to develop parks smaller than the 1.2 hectare minimum size articulated in the Master Plan to serve this area of higher population density. |             | the North Block Williamsville study re: York/Princess area. More parkland acquired along Brock Street and closed a portion of Napier Street (between Mack Street and Brock Street).                             |
| 125 | Augmenting parkland supplies in the neighbourhoods of Gardiners, Hillendale, Henderson and Sutton Mills is encouraged, along with those associated with the City's more rural communities in order to ensure an appropriate distribution of parkland.   | In Progress | Additional land is being secured for a pathway in Gardiners Neighbourhood by the Cataraqui Town Centre off of Gardiners Road. Additional parkland is pending as part of Graceland subdivision and West Village. |

**Considerations for 2021 Master Plan: Parkland Classification and Supply**

- While the overall standard of provision indicates that there is an adequate supply of parkland within the City, a portion of this lands is acknowledged to be ‘passive’ in nature or natural environmental areas (i.e., woodlots, wetlands, etc.) which are not maintained by the City for formal or informal recreational purposes. Based on the active supply only, the level of provision is comparable, or higher, to those observed in similar communities.
- The estimated population growth will require an additional 63.4 hectares of parkland by the year 2036.
- Continue to develop the planned areas of major intensification within Kingston as hubs for community activity, to provide sufficient space for needed recreational amenities or facilities.
- Maintain a walkable distance (800m) for neighbourhood parks in the urban area, especially in areas of high residential density. Consider barriers to park access such as waterways, railway, major roads when seeking parkland.

- In areas of residential intensification (including, but not limited to, the urban core), prioritize the preservation and enhancement of parkland and open spaces. To achieve this, the City should continue to follow its strategy for prioritizing the acquisition of surplus school sites in the vicinity, improving linkages to existing park sites, renewing and/or redeveloping existing parks, and implementing urban design practices that enhance connections with park/open space elements. The City should also explore new opportunities for enhancing public spaces in these areas, including better use of laneways, vacant lots, waterfront quays, POPs, strata parks, converting streets to shared/flexible spaces, and reimagining churchyards as neighbourhood assets.
- Regular meetings with the local school boards should continue to monitor amenities and services provided by schools located in Kingston, in an effort to prepare for any changes that may affect the provision of City services and amenities and in order to mitigate potential demand pressures.

## 10.5 Natural Lands

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### Supply

Within the City’s parkland supply there is a portion which is ‘Passive’ in nature or ‘Natural Environmental Lands’ and unusable for recreational purposes (i.e., heavily wooded areas, marsh areas, etc.). An assessment of the natural areas within City-owned parkland indicates that there is 196.2 hectares of Natural Lands, which equates to approximately one-third of the total parkland supply.

The City currently has plans to revitalize the woodlands at Meadowbrook Park.

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### What We Heard

17% of survey respondents identified the need for additional natural parkland, which typically requires less maintenance or City resources and promotes native vegetation. Many respondents indicated that they would like to see Belle Park left in a mostly naturalized state and not developed for more active uses.

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### Status of 2010 Master Plan Recommendations: Natural Environmental Lands

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 134 | Continue to expand upon the existing natural parks and trail systems as a means to develop corridors that serve ecological, passive recreational and active transportation purposes using policies, principles and recommendations | Ongoing / Continuous | Added Westbrook Meadows EPA and developed a trail loop, adding new trail system within the woodlot of the Cataraqui Estate Business |

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
|     | contained within the Official Plan and the Central Cataraqui Natural Heritage Strategy as a point of departure for decision-making.  |                      | Park. Completed the urban link of the K&P trail.  |
| 135 | Continually develop innovative and engaging initiatives, in partnership with local conservation authorities and other experts in environmental management, that encourage environmental stewardship and the role of individuals in maintaining and enhancing ecological systems in Kingston. | Ongoing / Continuous | Added nesting area and turtle fence along trail at Doug Fluhrer Park (in partnership with Sandy Pines Wildlife Centre). |

### Consideration for 2021 Master Plan: Natural Lands

- Continue to expand upon the existing natural parks and trail systems as a means to develop corridors that serve ecological, passive recreational and active transportation purposes using policies, principles and recommendations contained within the Official Plan. Consider natural lands and valley systems in the west, such as the west branch of the Little Cataraqui Creek, Collins Creek, and northern tributaries, and in the east such as Butternut creek and natural lands connecting to Abbey Dawn Road.
- Continually develop innovative and engaging initiatives, in partnership with the Cataraqui Region Conservation Authority and other experts in environmental management, that encourage environmental stewardship and the role of individuals and community group in maintaining and enhancing ecological systems in Kingston.

## 10.6 Parkland Acquisition

Parkland acquisition in Kingston is governed by the existing Official Plan (consolidated 2018). The principal park conveyance requirements dictated by Section 3.8 of the Official Plan are as follows:

- Up to 2% of total land area in the case of land proposed for industrial or commercial development;
- Up to 5% in the case of land proposed for residential development;
- Only lands suitable for recreation will be accepted for the purposes of fulfilling the parkland dedication requirement (unsuitable lands include Environmental Protection Areas, Natural Hazard Lands, lands encumbered by easement/right of way, and contaminated land); and
- Alternative parkland dedication standard is one hectare for each 300 residential units.

Environmental Protection Areas must not be used in calculating the cash-in-lieu payment or for the purposes of fulfilling the parkland dedication requirement, except as provided for in Section 7.3.A.10(f) of the Official Plan (i.e., where land can be acquired along the Rideau Canal to support the creation of a continuous open space corridor, with a particular focus within the Urban Boundary).

### **Parkland Conveyance (Cash-in-Lieu)**

The City may request cash-in-lieu for all or part of any required land dedication under the following circumstances:

- a. where the parcel of land is either too small or poorly located to meet parkland needs;
- b. in an area that has excess parklands;
- c. where the condition of the land is unsuitable for park purposes;
- d. where no opportunity exists to enlarge existing neighbourhood parks;
- e. where there is no opportunity to obtain useful waterfront land;
- f. where a large development project is within reasonable walking distance to an existing park, provided that the trip does not involve crossing an arterial road; and,
- g. where the provision of cash-in-lieu from a large project would not result in an overload to the existing park(s).

#### 10.6.1 Alternative Acquisition Strategies

As identified above, the City is estimated to need to acquire an additional 58.1 hectares of parkland, through a combination of dedication and non-dedication means, over the next 15 years based on the estimated population growth. This could be done by employing a variety of strategies, including, but not limited to:

- Land purchase, lease, exchange or easements;
- Reclassification of surplus municipally-owned lands to parkland;
- Accepting undevelopable natural open space areas through the development process to provide enhanced opportunities for conservation and compatible public access and linkages to parks, trails, and open spaces. This land is not to be accepted as part of the parkland dedication requirements (i.e. no credit is to be applied); and /or
- Partnerships to provide parkland through community partners.

#### 10.6.2 Changes to Ontario's Planning Legislation

The Provincial government passed Bill 197, the COVID-19 Economic Recovery Act, 2020, on July 21, 2020. This Act includes changes to various pieces of legislation and makes additional changes to those originally proposed in Bill 108 – More Homes, More Choice Act, 2019.

Bill 197 introduces regulation 509/20 under the Planning Act to implement Community Benefits Charges (CBCs), which makes significant changes to Section 37 (bonusing) of the Planning Act. The

new regulation reverses the initial move (through Bill 108) to integrate development charges (DCs), parkland dedication / cash-in-lieu, and Section 37 benefits into Community Benefits Charges (CBCs). Now, CBCs effectively only replace Section 37 benefits, while development charges and parkland dedication continue to remain separate requirements.

CBCs and DCs can be used interchangeably to fund eligible services, however, the capital costs that are funded through CBCs must not also be funded by DCs or under parkland dedication. The Development Charges Act clearly identifies a list of services that can be levied through DCs, while CBCs are more flexible and can cover “capital costs of facilities, services and matters required because of development or redevelopment.” Once a municipality has included a cost in its DC by-law, a CBC cannot be used to collect for the same item.

Regarding the impacts on the current master planning work, there needs to be flexibility in terms of the recommendations and approaches taken to matters relating to parkland – its acquisition, location, and ultimately the level of service. The community needs reflected in any master plan become the basis for future capital planning, and therefore, the implementation of a parks and recreation master plan will be subject to careful monitoring for its applicability and conformity with the new policy environment.

Status of 2010 Master Plan Recommendations: Parkland Acquisition

| No.        | Recommendation  | Status               | Details  |
|------------|---|----------------------|--|
| 136<br>(a) | Where shortfalls may occur in parkland acquisition through the development process, the City should consider employing a range of alternative parkland acquisition mechanisms to obtain the necessary amount of acreage.  | Ongoing / Continuous |  |
| 136<br>(b) | Development of a parkland acquisition strategy is encouraged to determine the types of parks required and the best way to bring these lands under municipal control.  | Completed<br>✓       | Parkland Dedication By-Law and Natural Lands Acquisition Policy have been updated and expanded.  |
| 137        | Through the City’s Official Plan, establish policies relating to parks and open space in areas of intensification to ensure that opportunities to maximize contributions to the parks, open space and recreational amenities are in place, including policies relating to parkland dedication, cash-in-lieu of parkland, bonusing (e.g., height and density allowances in cases where usable public spaces will be created and/or enhanced), etc. | In Progress          | Policies on parkland dedication are included in OP. Details on density bonusing (Community benefits) are being refined through Planning Department - consideration of public access to lands may be part of those discussions. |

| No. | Recommendation   | Status               | Details   |
|-----|--|----------------------|---|
| 138 | It is recommended that a focus be placed upon acquiring larger, active forms of parkland which should be confirmed through the proposed parkland acquisition strategy.   | Ongoing / Continuous | As per Parkland Dedication By-Law and Natural Lands Acquisition Policy.   |
| 139 | Target the acquisition of strategic parcels of parkland along the Lake Ontario waterfront to facilitate connectivity within the trail and parks and system.  | Ongoing / Continuous | Recently acquired a parcel of land on Front Road at Airport.  |
| 140 | Establish a reserve account for parkland acquisition which supplements receipts acquired through cash-in-lieu of conveyances in order to provide flexibility in acquiring key parcels of parkland.   | Completed<br>✓       | Reserve fund established in 2010. Natural lands acquisition account is funded annually, and Cash-in-Lieu account also exists. |
| 141 | The City should refrain from accepting parkland conveyances which contain Environmental Protection Areas or are negatively impacted by storm water management facilities, except in situations where the City deems such integration as being acceptable.  | Ongoing / Continuous |   |
| 142 | The City should initiate a process to review its existing supply of parkland to determine which parcels are best left in the supply and which park parcels should be repurposed or disposed of. Disposition of parkland should only occur in instances where the lands in question are deemed to be surplus and do not adequately meet the needs of the municipality and the public. The process for disposition should involve the public, as articulated through Section 3.8.9 of the Official Plan, and such lands would preferably be replaced with higher quality parkland that is better able to respond to the public interest. | In Progress          | This was undertaken for the rural areas of the city.  |



### Considerations for 2021 Master Plan: Parkland Acquisition

- Opportunity to prioritize acquiring active parkland through the land development process via parkland dedication mechanisms. Consider acquiring natural parkland through alternative methods within the land development process.
- To this end, consideration will need to be given to priorities for spending cash-in-lieu, and the circumstances under which reductions/credit towards parkland conveyance may be acceptable if it would lead to an overall qualitative improvement in supply, i.e.
  - Land acquisition and/or easements to create and/or add to networks of open space corridors;
  - Enhance existing park and recreation provision (e.g., procurement of new equipment) in areas where an increase in the parkland supply cannot be met (i.e. urban condition or other constrained areas); and
  - Land assembly to create new Regional or City Parks vs delivery of smaller District, Neighbourhoods/parkettes.
- Continue to target acquisition of strategic waterfront parcels for parkland as per the recommendations of the Waterfront Master Plan.
- Consider a range of alternative parkland acquisition strategies to obtain both active and natural parkland where acquisition through the development process is limited. Consideration for the type of parklands currently within the parkland service areas is important.
- Continue joint planning with the local school boards to provide campuses of activity with complementary school and park amenities and uses.

# Appendix A: Demographic Mapping

# Population change

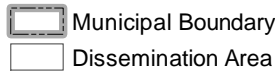
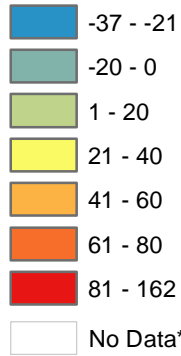
## Years: 2006-2011

(Data Census 2006, 2011)

### Legend

#### Population Change 2006-2011

Percent

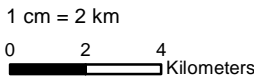


Comment: Some census track boundaries could have been revised between 2006-2011. This could be a reason for no data results in the temporal analysis. Could be other reasons...

No data in the PopChange Interval 80-100%, So made a larger interval here 80-162%

TO BE DELETED

## Kingston Frontenac, Ontario



Sources: Kingston open data May 2018, Statistics Canada.

# Population Change Years: 2011-2016

(Data Census 2011, 2016)

## Legend

### Population Change

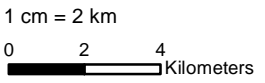
Percent change in 2011-16

- 100 - -60
- 59 - -40
- 39 - -20
- 19 - 0
- 1 - 20
- 21 - 40
- 41 - 60
- 61 - 176
- No Change
- DAs Population in 2016=0

- Municipal Boundary
- Dissemination Area

Comment:  
Several Census tracks have population in 2006 and 2011 and then 0 population in 2016. This results in a -100% change in population. Not sure where the population could disappear. Could these census tracks be revised? other reasons?  
TO BE DELETED

## Kingston Frontenac, Ontario



Sources: Kingston open data May 2018, Statistics Canada.



# Average Age (Data Census 2016)

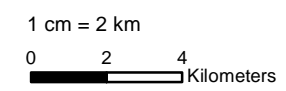
## Legend

### Average Age

- 24 - 30
- 31 - 40
- 41 - 50
- 51 - 68
- No Data

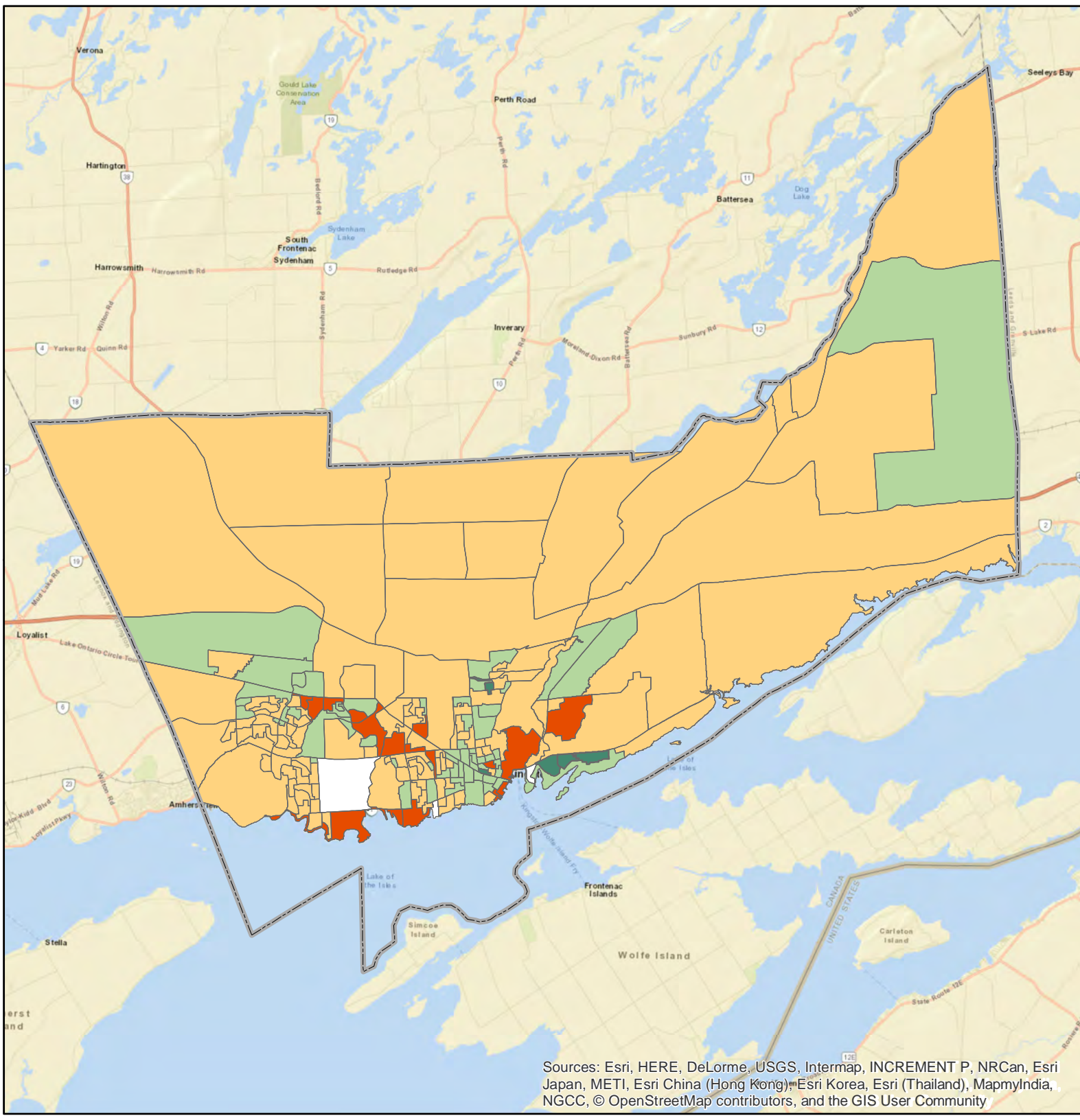
- Municipal Boundary
- Dissemination Area

## Kingston Frontenac, Ontario



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Sources: Kingston open data May 2018, Statistics Canada.



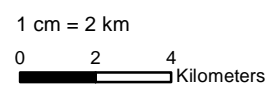
# Population under 19 Percent of total population (Data Census 2016)

## Legend

**Population under 19**  
Percent of total population

- 1.3 - 10.0
- 10.1 - 20.0
- 20.1 - 30.0
- 30.1 - 40.0
- 40.1 - 50.0
- No Data
- Municipal Boundary
- Dissemination Area

## Kingston Frontenac, Ontario



Sources: Kingston open data May 2018, Statistics Canada.

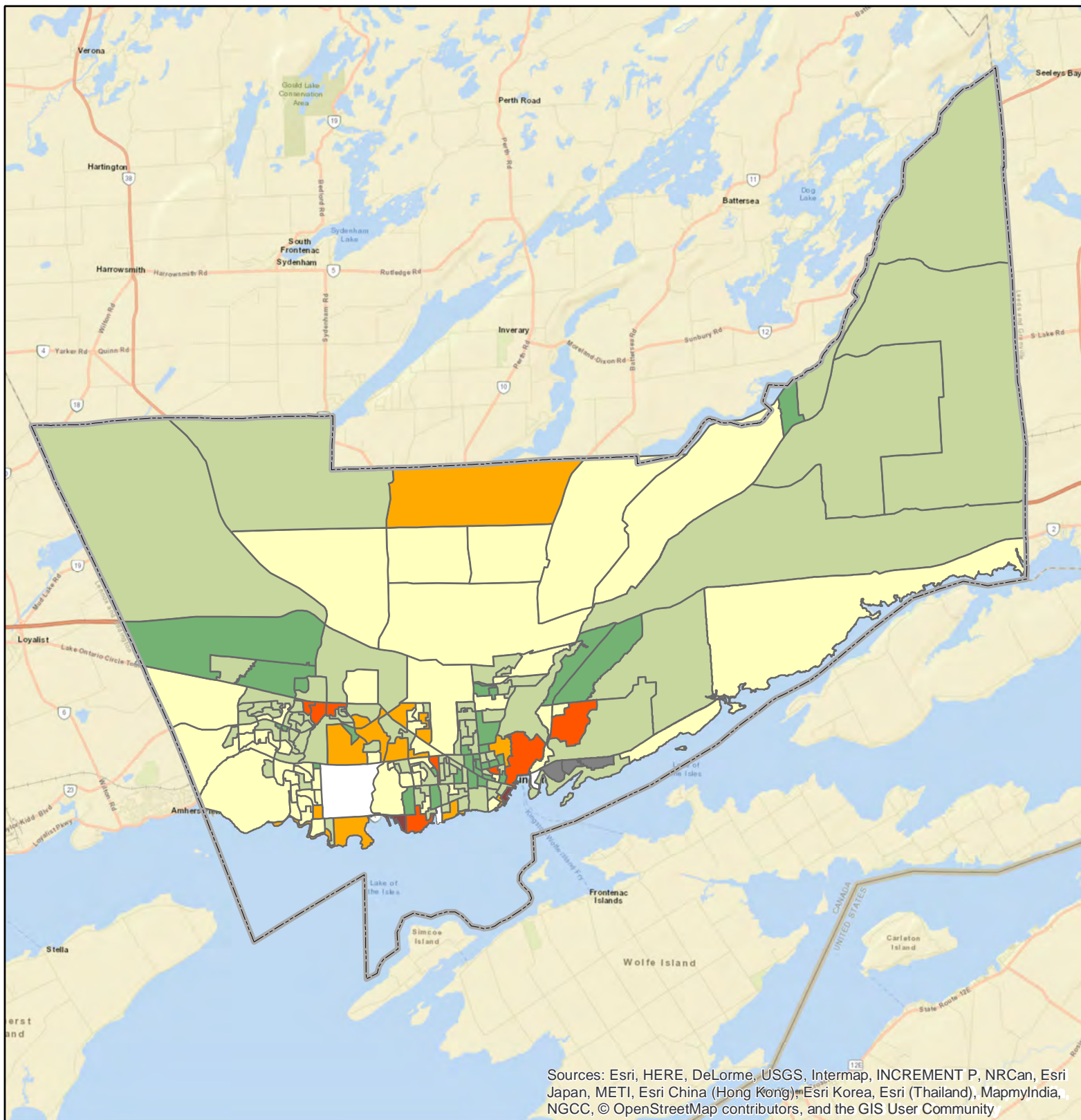
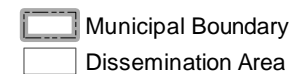
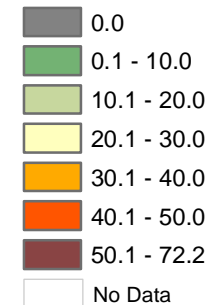


# Population over 65 Percent of total populaiton (Data Census 2016)

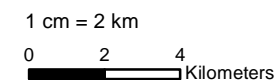
## Legend

### Population over 65

Percent of total population



## Kingston Frontenac, Ontario



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

Sources: Kingston open data May 2018, Statistics Canada.

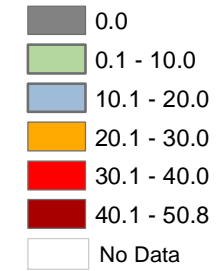
# Low Income Cut-Off (LICO) Prevalence

(Data Census 2016)


## Legend

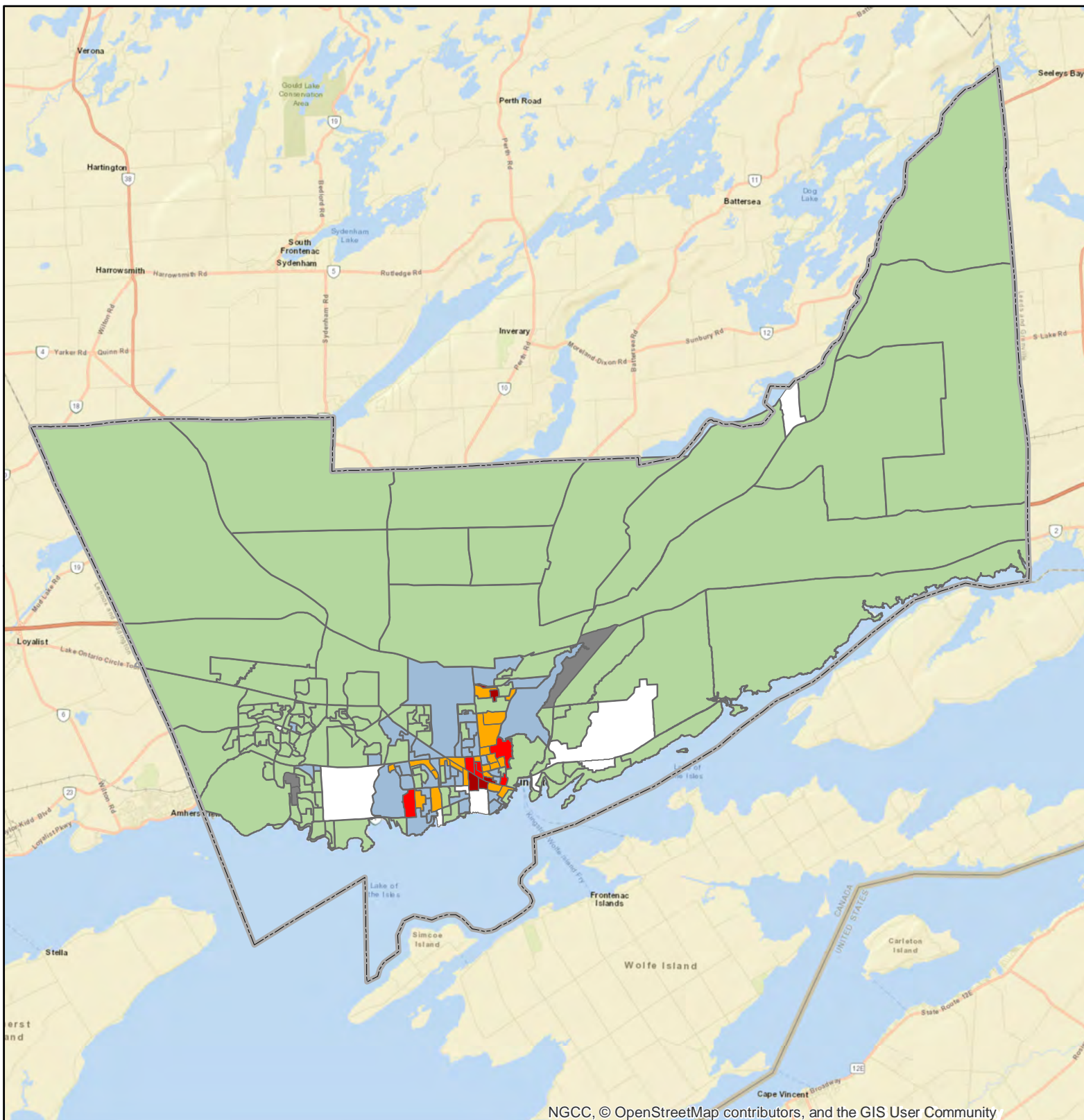
### Low Income Cut-off After Tax

LICO-AT Prevalence



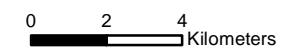
 Municipal Boundary

 Dissemination Area



## Kingston Frontenac, Ontario

1 cm = 2 km



Sources: Kingston open data May 2018, Statistics Canada.



# **Appendix B: Detailed Asset Inventory**

City of Kingston  
Indoor Recreation Facilities Asset Inventory

|  |          | SITE AMENITIES                        |            |                   |                    |                     |                   |           |                |   |             |                               |                 |                    |  |              |                   |              |                 |   |
|--|----------|---------------------------------------|------------|-------------------|--------------------|---------------------|-------------------|-----------|----------------|---|-------------|-------------------------------|-----------------|--------------------|--|--------------|-------------------|--------------|-----------------|---|
|  |          | STRUCTURES, PARKING, SITE FURNISHINGS |            |                   |                    |                     |                   |           |                |   |             | OUTDOOR RECREATION FACILITIES |                 |                    |  |              |                   |              |                 |   |
| Municipal Indoor Facilities                          | Site No. | Area (ft <sup>2</sup> )               | Ice Rink   | Aquatics Facility | Multi-Purpose Room | Youth Leisure Space | Older Adult Space | Gymnasium | Fitness Centre | Notes   | Parking Lot | Benches                       | Seating (other) | Memorial / Feature | Notes  | Ball Diamond | Rectangular Field | Sport Courts | Track and Field | Notes   |
| ARTILLERY PARK<br>AQUATICS CENTRE<br>382 BAGOT ST    | 1        | 35,000                                |            | 1                 | 3                  |                     |                   | 1         | 1              |   | X           |                               |                 | X                  | Site heritage<br>Interpretive features.        |              |                   |              |                 |   |
| CATARAQUI CENTRE<br>1030 SUNNYSIDE RD                | 2        | 95,000                                | 2          |                   | 3                  |                     |                   |           |                |   | X           |                               |                 |                    |  | X            |                   |              |                 | Bleachers.  |
| CENTRE 70 ARENA<br>100 DAYS RD                       | 3        | 33,000                                | 1          |                   | 1                  |                     |                   |           |                | Neighbourhood Sharing<br>Centre.                            | X           |                               |                 |                    | Parking lot used as<br>park and Ride facility. |              |                   |              |                 |   |
| INVISTA CENTRE<br>1350 GARDINERS RD                  | 4        | 180,000                               | 4          |                   | 4                  |                     |                   |           | 1              |   | X           | X                             |                 |                    | Asphalt parking lot.                           |              | X                 |              | X               | CaraCo Home Field; IAAF<br>throwing field (javelin, hammer,<br>discus).             |
| KINGSTON MEMORIAL<br>CENTRE<br>303 YORK ST           | 5        | 62,000                                | 1          | 1                 | 1                  |                     |                   |           |                |   | X           | X                             |                 | X                  | Veteran's Memorial.                            | X            |                   |              |                 | Adjacent Tomlinson Aqua Park,<br>splash pad and playground.<br>Concrete grandstand. |
| RIDEAU HEIGHTS<br>COMMUNITY CENTRE<br>77 MCCAULEY ST | 6        | 20,000                                |            |                   | 3                  |                     | 1                 | 1         |                | Combined senior / youth<br>space. Opened April 21,<br>2018. | X           |                               |                 |                    | Asphalt parking lot.                           |              |                   |              |                 | Adjacent Shannon Park to be<br>redeveloped.   |
| PORTSMOUTH<br>COMMUNITY CENTRE<br>53 YONGE ST        | 7        | 64,000                                |            |                   | 4                  |                     |                   |           |                |   | X           |                               |                 |                    | Asphalt parking lot.                           |              |                   |              |                 | Adjacent POH Marina.  |
| ROGERS K-ROCK CENTRE<br>1 THE TRAGICALLY HIP WAY     |          |                                       | 0.5        |                   |                    |                     |                   |           |                |   |             |                               |                 |                    |  |              |                   |              |                 |   |
| <b>TOTAL MUNICIPAL SUPPLY</b>                        |          | <b>425,000</b>                        | <b>8.5</b> | <b>2</b>          | <b>19</b>          | <b>0</b>            | <b>1</b>          | <b>2</b>  | <b>2</b>       |   |             |                               |                 |                    |  |              |                   |              |                 |   |

Note:  
Aqua Park is outdoor (seasonal).











|                               | SPORTS FACILITIES     |                       |                      |                 |                  |               |       |                       |                       |                     |                 |            |               |                 |       |                  |                 |       |               |                 |
|-------------------------------|-----------------------|-----------------------|----------------------|-----------------|------------------|---------------|-------|-----------------------|-----------------------|---------------------|-----------------|------------|---------------|-----------------|-------|------------------|-----------------|-------|---------------|-----------------|
|                               | BALL DIAMONDS         |                       |                      |                 |                  | SOCCER        |       |                       |                       | TENNIS              |                 | BASKETBALL |               | OTHER           |       |                  |                 |       |               |                 |
|                               | Ball Diamond - Senior | Ball Diamond - Junior | Ball Diamond - Other | Lighting? (Y/N) | Bleachers? (Y/N) | Batting Cages | Notes | Soccer Field - Senior | Soccer Field - Junior | Soccer Field - Mini | Lighting? (Y/N) | Notes      | Tennis Courts | Lighting? (Y/N) | Notes | Basketball Court | Lighting? (Y/N) | Notes | Cricket Pitch | Track and Field |
| Parks                         |                       |                       |                      |                 |                  |               |       |                       |                       |                     |                 |            |               |                 |       |                  |                 |       |               |                 |
| <b>TOTAL MUNICIPAL SUPPLY</b> | 13                    | 22                    |                      |                 | 2                |               |       | 20                    | 9                     | 23                  |                 |            | 26            |                 |       |                  | 20              |       |               |                 |







| OTHER OUTDOOR RECREATION + SPORTS FACILITIES           |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
|--|-----------------|--|----------|--------------|----------|------|------------|-----------------------------|-------|------------------|--------------------|----------------|-------|--------------------|--------------------------|----------------|-------------------|------------|-------------|--------------------|--|
| Parks  | ACTIVE SPORTS   |  | ICE RINK |              | AQUATICS |      |            | OTHER                       |       |                  |                    |                | Notes |                    |                          |                |                   |            |             |                    |  |
|  | Skateboard Park | BMX Track  | Notes    | Outdoor Rink | Notes    | Pool | Splash Pad | Notes                       | Beach | Beach Volleyball | Off-Leash Dog Park | Walking Trails |       | Washroom / Storage | Picnic Facility / Tables | Barbeque Areas | Community Gardens | Waterfront | Boat Launch | Memorial / Feature |  |
| NEWCOURT PARK<br>50 NEWCOURT PL                        |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| NICKLE AVENUE PARK<br>69 NICKLE AVE                    |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                |                   |            |             |                    |  |
| NORWEST PARK<br>860 NORWEST RD                         |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| OAK STREET PARK<br>62 OAK ST                           |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          | X              |                   |            |             |                    |  |
| OAKRIDGE PARK<br>2 OAKRIDGE AVE                        |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| O'CONNOR PARK<br>268 OLD QUARRY RD                     |                 |  |          | 1            |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| OLD COLONY PARK<br>975 OLD COLONY RD                   |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                |                   |            |             |                    |  |
| OPTIMIST BASEBALL FIELD<br>412 RIDEAU ST               |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PARKSIDE PARKETTE<br>718 PARKSIDE CRES                 |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PATTERSON PARK<br>86 SUNNY ACRES RD                    |                 |  |          |              |          |      |            |                             |       |                  |                    | X              |       |                    |                          |                | X                 |            |             |                    |  |
| PIERSON PARK<br>1648 JOYCEVILLE RD                     |                 |  |          | 1            |          |      |            |                             |       |                  |                    |                | X     | X                  |                          |                |                   |            |             |                    |  |
| PIMLICO PARK<br>964 LINCOLN DR                         |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PINE STREET TRIANGLE<br>174 PINE ST                    |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PITTSBURGH PLACE PARK<br>696 MACLEAN CRT               |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PLACE D'ARMES WALK<br>KING ST                          |                 |  |          |              |          |      |            |                             |       |                  |                    | X              |       |                    |                          |                |                   |            |             |                    |  |
| POINT ST. MARK PARK<br>15 POINT ST. MARK DR            |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                |                   |            |             |                    |  |
| POLSON PARK<br>153 ROBERT WALLACE DR                   | 1               | 2,000 sf. Incl. halfpipe, rail, ledge, fun box, set-up banks. Built in 2011. |          | 1            |          |      |            |                             |       |                  |                    |                | X     | X                  |                          |                |                   |            |             |                    | Building in poor condition.  |
| POPLAR GROVE PARK<br>590 GLENVIEW AVE                  |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| PORTSMOUTH OLYMPIC HARBOUR<br>53 YONGE ST              |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                | X                 | X          |             |                    | Public marina, 2 boat ramps  |
| PORTSMOUTH SOCCER FIELDS<br>56 FRANCIS ST              |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RAVENSVIEW PARK<br>807 LA SALLE BLVD                   |                 |  |          |              |          |      |            |                             |       |                  |                    | X              |       |                    |                          |                | X                 |            |             |                    | Shoreline improved in 2017.  |
| RICHDALE PARK<br>116 GRENADIER DR                      |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIDEAU SCHOOL PARKETTE<br>375 MACDONNELL ST            |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIDGEWOOD PARK<br>830 SAFARI DR                        |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIVERMEADE PARKETTE<br>648 RIVERMEADE AVE              |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            | X           |                    |  |
| RIVERS EDGE PARK<br>1290 WATERSIDE WAY                 |                 |  |          |              |          |      |            |                             |       |                  |                    | X              |       |                    |                          |                |                   | X          |             |                    |  |
| RIVERSIDE CENTRAL PARK<br>31 FAIRCREST BLVD            |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIVERSIDE WATERSIDE PARK<br>34 FAIRCREST BLVD          |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                | X                 |            |             |                    | Boat storage   |
| RIVERVIEW PARK<br>140 RIDEAU ST                        |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIVERWALK PARKETTE<br>98 DALGLEISH AVE                 |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RIVERWOOD PARK<br>1812 MACALPINE RD                    |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            | X           |                    |  |
| ROCHDALE PARK<br>864 ROCHDALE CRES                     |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| RODDEN PARK<br>111 NORMAN ROGERS DR                    |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                |                   |            |             |                    | Greenhouses  |
| RONALD LAVALLEE MEMORIAL KIWANIS PARK<br>53 FOURTH AVE |                 |  |          |              |          |      | 1          | Fair/poor condition.        |       |                  |                    |                | X     |                    |                          |                |                   |            |             |                    | Building in poor condition, currently used for storage. Port-a-pottie located near ball diamond. |
| ROSE ABBEY PARK<br>59 ROSE ABBEY DR                    |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| ROSEDALE PARK<br>1985 ROSEDALE DR                      |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| ROTARY PARK<br>1280 COVERDALE DR                       |                 |  |          |              |          |      |            |                             |       |                  |                    | X              | X     | X                  | X                        | X              | X                 |            |             |                    | Pavilion   |
| RUNNYMEDE PARK<br>83 RUNNYMEDE RD                      |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SHANE PARK<br>1029 PARKLAND DR                         |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SHANNON PARK<br>199 WILSON ST                          | 1               | 8,000 sf. Incl. gathering area. Built in 2016.                               |          |              |          |      | 1          | Waterline repaired in 2013. |       |                  |                    |                | X     | X                  |                          | X              |                   |            |             |                    | To be renovated as per Rideau Heights Community Plan.  |
| SHANNONS CORNERS PARK<br>2400 PERTH RD                 |                 |  |          | 1            |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SIBBIT PARK<br>941 MCKNIGHT RD                         |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SILAS STEVENS PARKETTE<br>52 NOTCH HILL RD             |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SMITHFIELD CRESCENT PARK<br>77 SMITHFIELD CRES         |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SMUGGLER'S COVE PARK<br>241 SMUGGLER'S COVE DR         |                 |  |          |              |          |      |            |                             |       |                  |                    | X              |       |                    |                          |                |                   |            |             |                    |  |
| SMUGGLER'S COVE PARKETTE<br>283 SMUGGLER'S COVE DR     |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       |                    |                          |                |                   |            |             |                    |  |
| SNIDER PARK  |                 |  |          |              |          |      |            |                             |       |                  |                    |                |       | X                  |                          |                |                   |            |             |                    |  |

| OTHER OUTDOOR RECREATION + SPORTS FACILITIES      |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
|---|-----------------|-----------|---|--------------|-----------------|----------|--------------------------------|-------|----------|------------------|--------------------|----------------|--------------------|--------------------------|----------------|-------------------|------------|-------------|--------------------|--|--|
| Parks   | ACTIVE SPORTS   |           | ICE RINK  |              | AQUATICS        |          |                                | OTHER |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
|   | Skateboard Park | BMX Track | Notes   | Outdoor Rink | Notes           | Pool     | Splash Pad                     | Notes | Beach    | Beach Volleyball | Off-Leash Dog Park | Walking Trails | Washroom / Storage | Picnic Facility / Tables | Barbeque Areas | Community Gardens | Waterfront | Boat Launch | Memorial / Feature | Notes  |  |
| 146 GUTHRIE DR                                    |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| SPRINGER MARKET SQUARE<br>216 ONTARIO ST          |                 |           |   | 1            | Mechanical ice. |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             | X                  | Water feature.   |  |
| SPRINGER PARK<br>992 PORTSMOUTH AVE               |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| STARR REID PARK<br>64 DRENNAN ST                  |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| STRATHCONA PARK<br>81 INDIAN RD                   |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| SUNNYSIDE PARK<br>1745 JESSE CRES                 |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| SUTHERLAND DRIVE PARK<br>51 SUTHERLAND DR         |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| SUTTON MILLS PARK<br>820 SOMERSET CRES            |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| THIRD AVENUE PARK<br>141 THIRD AVE                |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| TRAILHEAD PARK<br>1105 TRAILHEAD PL               |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| TRILLIUM RIDGE PARK<br>303 GRANDTRUNK EAST AVE    |                 |           |   |              |                 |          |                                |       |          |                  |                    | X              |                    |                          |                |                   |            |             |                    |  |  |
| TUGWOOD PARK<br>179 RAILWAY ST                    |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| VICKI KEITH PARKETTE<br>76 ORDANCE ST             |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| VICTORIA PARK<br>487 BROCK ST                     |                 |           |   | 1            |                 | 1        | Built in 2017.                 |       |          |                  |                    | X              | X                  |                          |                |                   |            |             | X                  | Water feature / swale. Washroom building renovations recently completed.         |  |
| WATERFRONT PATHWAY<br>3 GORE ST                   |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| WELBORNE PARK<br>237 GLEN CASTLE RD               |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| WEST PARK<br>1250 ACADIA DR                       |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| WESTBROOK MEADOWS PARK<br>MANDARA CT              |                 |           |   |              |                 |          |                                |       |          |                  |                    | X              |                    |                          |                |                   |            |             |                    | Nature lookout.  |  |
| WESTBROOK PARK<br>1388 WOODFIELD CRES             |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| WESTWOODS OPEN SPACE<br>1098 WOODBINE RD          |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| WHITMOUNT ESTATES PARK<br>1334 CHANNELVIEW RD     |                 |           |   |              |                 |          |                                |       |          |                  |                    | X              |                    |                          |                |                   |            |             |                    |  |  |
| WILLIAM J. HACKETT PARK<br>1660 JOHN COUNTER BLVD |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    | Poor drainage in some areas.   |  |
| WINDFIELD PARK<br>39 WINDFIELD CRES               |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| WOODBINE PARK<br>1180 WOODBINE RD                 | 2               |           | 1 senior track (lit, dirt), 1 junior track (grass). | 1            |                 | 1        | Good condition. Built in 2016. |       | 4        |                  |                    | X              | X                  |                          |                |                   |            |             |                    | Improvements planned for parking lot, beach volleyball, playground and pathways. |  |
| WOODHAVEN PARK<br>ESCALA CR                       |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    | X                        |                |                   |            |             |                    |  |  |
| WOODLANDS PARK<br>292 MOWAT AVE                   |                 |           |   |              |                 |          |                                |       |          |                  |                    |                |                    |                          |                |                   |            |             |                    |  |  |
| <b>TOTAL MUNICIPAL SUPPLY</b>                     | <b>3</b>        | <b>2</b>  |   | <b>18</b>    |                 | <b>1</b> | <b>10</b>                      |       | <b>4</b> | <b>6</b>         | <b>5</b>           | <b>-</b>       | <b>20</b>          | <b>-</b>                 | <b>-</b>       | <b>-</b>          | <b>-</b>   | <b>-</b>    | <b>9</b>           | <b>7</b>   |  |

| PLAYGROUNDS                                      |                               |                               |                                       |   |        |   |
|--|-------------------------------|-------------------------------|---------------------------------------|---|--------|---|
| Parks  | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes   |
| 100 FOOT PARK<br>121 MEDLEY CRT                  |                               |                               |                                       |   |        |   |
| ABERDEEN PARK<br>623 KING ST                     |                               |                               |                                       |   |        |   |
| ABERFOYLE PARK<br>49 ABERFOYLE RD                |                               |                               | 1                                     |   | X      |   |
| AN GORTA MOR PARK<br>11 ONTARIO ST               |                               |                               |                                       |   |        |   |
| ARBOUR RIDGE PARK<br>588 TANNER DR               | 1                             | 1                             |                                       |   |        | Play structures in good condition.  |
| ARTHUR LOWER PARK<br>4266 BATH RD                |                               |                               |                                       |   |        |   |
| ASHTON PARK<br>704 MILFORD DR                    |                               |                               |                                       |   |        |   |
| AUDEN PARK<br>585 ROOSEVELT DR                   | 1                             | 1                             |                                       |   | X      |   |
| AUGUSTA COMMON WEST PARK<br>CATARAQUI WOODS DR   |                               |                               |                                       |   |        |   |
| BARRIEFIELD PARKETTE<br>219 GREEN BAY RD         |                               |                               |                                       |   |        |   |
| BARRIEFIELD ROCK GARDEN PARK<br>2 MAIN ST        |                               |                               |                                       |   |        |   |
| BATTERY PARK<br>3 GORE ST                        |                               |                               |                                       |   |        |   |
| BAYRIDGE PARK<br>701 BAYRIDGE DR                 |                               |                               | 1                                     |   | X      | Playground improvements planned.  |
| BAYSHORE PARK<br>602 RANKIN CRES                 |                               |                               | 1                                     |   |        |   |
| BELLE ISLAND-CATARAQUI PARK<br>348 BELLE PARK DR |                               |                               |                                       |   |        |   |
| BELLE PARK FAIRWAYS<br>731 MONTREAL ST           |                               |                               |                                       |   |        |   |
| BERT MEUNIER COMMON<br>739 AUGUSTA DR            | 1                             | 1                             |                                       |   | X      | 2 tot swings, 2 kids swings. All in good condition - new investment. Built in 2013. |
| BEXLEY GATE PARK<br>836 MUIRFIELD CRES           |                               |                               | 1                                     |   | X      | Improved in 2012.   |
| BIRCHWOOD PARK<br>1340 BIRCHWOOD DR              |                               |                               |                                       |   |        |   |
| BLUFFWOOD PARKETTE<br>1016 BLUFFWOOD AVE         |                               |                               | 1                                     |   |        |   |

**PLAYGROUNDS**

| Parks   | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes   |
|---|-------------------------------|-------------------------------|---------------------------------------|---|--------|---|
| BONNY PARK<br>55 WINDFIELD CRES                         |                               |                               |                                       |   |        |   |
| BONNYCASTLE PARK<br>13 BONNYCASTLE CRT                  |                               |                               |                                       |   |        |   |
| BREAKWATER PARK<br>200 KING ST                          |                               |                               |                                       |   |        |   |
| BREWER'S MILL OPEN SPACE<br>BREWER'S MILLS RD           |                               |                               |                                       |   |        |   |
| BRIDLE PATH PARK<br>825 LANCASTER DR                    |                               | 1                             |                                       |   | X      |   |
| BRODIE PARK<br>905 BRODIE AVE                           |                               |                               |                                       |   |        |   |
| BUCKINGHAM PARK<br>19 BUCKINGHAM CRT                    |                               |                               | 1                                     |   | X      | Improved in 2012.   |
| BUTTERNUT CREEK NATURE PARK<br>400 GORE RD              |                               |                               |                                       |   |        |   |
| CARACO HOME FIELD (INVISTA CENTRE)<br>1350 GARDINERS RD |                               |                               |                                       |   |        |   |
| CANAL DRIVE OPEN SPACE<br>428 KINGSTON MILLS RD         |                               |                               |                                       |   |        |   |
| CASTELL PARK<br>805 CASTELL RD                          |                               |                               |                                       |   |        |   |
| CATARAQUI WOODS PARK<br>805 CATARAQUI WOODS DR          | 1                             | 1                             |                                       |   | X      |   |
| CECIL & WILMA GRAHAM PARK<br>201 ARAGON RD              |                               |                               |                                       |   |        |   |
| CHADWICK PARKETTE<br>602 CHADWICK DR                    |                               |                               | 1                                     |   |        |   |
| CHAMPLAIN PARK<br>205 DOUGLAS AVE                       |                               |                               | 1                                     |   |        |   |
| CHANNEL VIEW PARK<br>2 HOWE ISLAND FERRY RD             |                               |                               |                                       | X                                       | X      |   |
| CHANNELVIEW ROAD PARK<br>1337 CHANNELVIEW RD            |                               |                               |                                       |   |        |   |
| CHURCHILL PARK<br>685 BROCK ST                          |                               |                               |                                       |   |        |   |
| CITY PARK<br>33 BAGOT ST                                |                               | 1                             | 2                                     |   | X      | Small tots play area (plder plastic). Combined play structure (accessible) in good condtion (recent investment) with wood chip base. 2 swing sets (1 tots, 1 kids). |

**PLAYGROUNDS**

| Parks  | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes                  |
|--|-------------------------------|-------------------------------|---------------------------------------|---|--------|------------------------|
| CLOVERDALE PARK<br>1030 SUNNYSIDE RD   |                               |                               | 1                                     | X                                       | X      |                        |
| COLLINS BAY BOAT LAUNCH<br>4086 BATH RD                                      |                               |                               |                                       |   |        |                        |
| COLLINS BAY OPEN SPACE<br>4140 BATH RD                                       |                               |                               |                                       |   |        |                        |
| COLONEL BY PARK<br>4150 MANGAN BLVD  |                               |                               |                                       |   |        |                        |
| COMPTON PARK<br>346 COLLEGE ST   |                               |                               | 1                                     |   | X      | Includes 2 swing sets. |
| CONFEDERATION PARK<br>225 ONTARIO ST   |                               |                               |                                       |   |        |                        |
| CONSERVATORY POND PARK<br>506 CONSERVATORY DR                                |                               | 1                             |                                       | X                                       |        | Installed in 2011.     |
| CRERAR PARK<br>39 PARK CR  |                               |                               | 1                                     |   | X      |                        |
| CRICKET FIELD<br>32 BAGOT ST   |                               |                               |                                       |   |        |                        |
| DEERVIEW PARK<br>500 DEERVIEW DR   |                               |                               |                                       |   |        |                        |
| DOUGLAS R. FLUHRER PARK<br>2 NORTH ST<br>DUFFERIN ST. PARK<br>16 DUFFERIN ST |                               |                               | 1                                     |   |        |                        |
| DUNHAM PARK<br>1040 MONA DR  |                               |                               | 1                                     | X                                       | X      |                        |
| EDEN VALLEY PARK<br>1440 PERRADICE DR  |                               |                               |                                       |   |        |                        |
| EDEN VALLEY SOUTH PARK<br>742 KINGSTON MILLS RD                              |                               |                               |                                       |   |        |                        |
| EDENWOOD PARK<br>470 MAPLE LAWN DR   | 1                             | 1                             |                                       |   | X      |                        |
| ELDER PARK<br>388 MACK ST  |                               |                               | 1                                     |   | X      |                        |
| ELEVATOR BAY PARK<br>1026 KING ST  |                               |                               |                                       |   |        |                        |
| ELMWOOD PARK<br>245 ELMWOOD ST   |                               |                               |                                       |   |        |                        |
| ELMWOOD STREET EAST PARK<br>36 ELMWOOD ST                                    |                               |                               |                                       |   |        |                        |

**PLAYGROUNDS**

| Parks                                       | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes  |
|---|-------------------------------|-------------------------------|---------------------------------------|---|--------|--|
| EMERALD PARK<br>331 CAVENDISH CRES          |                               |                               |                                       |   |        |  |
| EMMA MARTIN PARK<br>9 ORCHARD ST            |                               |                               |                                       |   |        |  |
| ENGLISH LANDING PARK<br>1200 SPINNAKER PL   |                               |                               |                                       |   |        |  |
| ESPLANADE PARK<br>5 RUDD AVE                |                               |                               |                                       |   |        |  |
| EVERITT PARK<br>70 LAKESHORE BLVD           |                               |                               |                                       |   |        |  |
| FAIRCREST PARK<br>70 FAIRCREST BLVD         |                               |                               |                                       |   |        |  |
| FAIRWAY HILL PARK<br>22 FAIRWAY HILL CRES   |                               |                               | 1                                     | X                                       |        |  |
| FORESTHILL PARK<br>632 FOREST HILL DR       |                               |                               |                                       |   |        |  |
| FRASER STREET PARKETTE<br>67 FRASER ST      | 1                             |                               |                                       |   |        |  |
| FRIENDSHIP PARK<br>21 CARLISLE ST           |                               |                               | 1                                     | X                                       |        | Renovated in 2016.   |
| FRONTENAC SCHOOL PARKETTE<br>32 ADELAIDE ST |                               |                               | 1                                     | X                                       |        |  |
| GARDENWALK PARK<br>910 LIMESTONE DR         |                               |                               | 1                                     | X                                       |        |  |
| GARRIGAN PARK<br>196 YONGE ST               |                               |                               | 1                                     | X                                       |        | Comprehensive play structure - fair/poor condition (very old). 2 tot swings, 2 kid swings. |
| GLENARDEN PARK<br>73 JANE AVE               |                               |                               |                                       |   |        |  |
| GRASS CREEK PARK<br>2991 2 HWY              |                               |                               | 1                                     | X                                       | X      |  |
| GREEN BAY WALKWAY<br>215 GREEN BAY RD       |                               |                               |                                       |   |        |  |
| GREENWOOD PARK<br>416 MCCALLUM DR           | 1                             | 1                             |                                       |   | X      |  |
| GREENWOOD PARK LINEAR TRAIL<br>1139 HWY 15  |                               |                               |                                       |   |        |  |



**PLAYGROUNDS**

| Parks  | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes                            |
|--|-------------------------------|-------------------------------|---------------------------------------|---|--------|----------------------------------|
| GREENWOOD PARK WEST PARKETTE<br>WATERSIDE WY |                               |                               | 1                                     | X                                       |        | Installed in 2014.               |
| GRENADIER PARK<br>41 GRENADIER DR            |                               |                               | 1                                     |   | X      |                                  |
| GROSVENOR COURT PARK<br>40 GROSVENOR CRT     |                               |                               |                                       |   |        |                                  |
| HALIFAX DR PARK<br>1170 HALIFAX DR           | 1                             | 1                             |                                       |   | X      | Installed in 2014.               |
| HATTER BAY LOOKOUT<br>KING ST W              |                               |                               |                                       |   |        |                                  |
| HEADWAY PARK<br>40 COMPTON ST                |                               |                               | 1                                     |   |        |                                  |
| HEMLOCK DOWNS PARK<br>550 ARAGON RD          | 1                             | 1                             |                                       |   | X      | Playground improvements planned. |
| HENDERSON PARK<br>792 HENDERSON BLVD         |                               |                               |                                       |   |        |                                  |
| HIGHGATE PARK<br>1229 CARMIL BLVD            |                               |                               | 1                                     |   | X      |                                  |
| HIGHLAND HEIGHTS OPEN SPACE<br>1900 UNITY RD |                               |                               |                                       |   |        |                                  |
| HILLSIDE PARK<br>156 MONTREAL ST             |                               |                               |                                       |   |        |                                  |
| HILLVIEW PARK<br>715 TRUMAN DR               |                               | 1                             |                                       |   | X      |                                  |
| HOLMAN DRIVE PARK<br>11 HOLMAN DR            |                               |                               | 1                                     |   | X      |                                  |
| HORSEY BAY PARKETTE<br>FRONT RD              |                               |                               |                                       |   |        |                                  |
| HUDSON PARK<br>955 HUDSON DR                 | 1                             | 1                             |                                       | X                                       | X      |                                  |
| INDIAN ROAD PARK<br>32 INDIAN RD             |                               |                               |                                       |   |        |                                  |
| INDIAN ROAD PARKETTE A<br>219 INDIAN RD      |                               |                               |                                       |   |        |                                  |
| INDIAN ROAD PARKETTE B<br>208 INDIAN RD      |                               |                               |                                       |   |        |                                  |
| JADE AVENUE PARK<br>1622 JADE AVE            |                               |                               | 1                                     |   |        |                                  |
| JAMES NELSON PARK<br>14 THERESA CRES         |                               |                               | 1                                     |   | X      | Playground improvements planned. |

**PLAYGROUNDS**

| Parks   | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes   |
|---|-------------------------------|-------------------------------|---------------------------------------|---|--------|---|
| JAMES ROE PARK<br>51 STRATHCONA CRES            |                               |                               |                                       |   |        |   |
| JANETTE ST PARKETTE<br>339 Janette St           |                               | 1                             |                                       | X                                       |        | Built in 2016.  |
| JARVIS ROAD OPEN SPACE<br>1502 JARVIS RD        |                               |                               |                                       |   |        |   |
| JIM BEATTIE PARK<br>900 HENDERSON BLVD          |                               |                               | 1                                     | X                                       | X      |   |
| JOHN BREWER PARK<br>3513 BREWER'S MILLS RD      |                               |                               | 1                                     |   |        |   |
| JOHN GRASS CREEK PARK<br>1211 PRINCE CHARLES DR |                               |                               |                                       |   |        |   |
| JOHN MACHIN FIELDS PARK<br>750 INNOVATION DR    |                               |                               |                                       |   |        |   |
| JORENE PARK<br>5 JORENE DR                      |                               |                               | 1                                     |   | X      |   |
| K&P TRAILHEAD PARK<br>1980 CORDUKES RD          |                               |                               |                                       |   |        |   |
| KATINGS(CATONS) SOCCER FIELD<br>412 RIDEAU ST   |                               |                               |                                       |   |        |   |
| KCHC PARKETTE<br>263 WELLER AVE                 |                               |                               |                                       |   |        |   |
| KEN MATTHEWS PARK<br>423 ELLIOTT AVE            | 1                             | 1                             |                                       |   | X      |   |
| KEYES PARK<br>6 KEYES ST                        |                               |                               | 1                                     |   | X      |   |
| KINGSTON MEMORIAL CENTRE<br>303 YORK ST         |                               |                               | 1                                     |   | X      | Good condition (installed 2010). Rubberized surfacing installed in 2017.  |
| LA SALLE PARK<br>434 MCEWEN DR                  | 1                             | 1                             |                                       |   | X      |   |
| LAFLEUR PARK<br>219 VAN ORDER DR                |                               |                               | 1                                     |   | X      |   |
| LAKE ONTARIO PARK<br>920 KING ST                |                               |                               | 2                                     |   | X      | Older play structure and swings (2 tots, 2 kids) need replacement. New investment in significant play structure. Installed in 2012. |
| LAWRENCE PARK<br>693 AYLMER CRES                |                               |                               | 1                                     |   |        | Improved in 2017.   |
| LILLA BURKE PARK<br>52 KENWOODS CIR             |                               |                               | 1                                     |   | X      |   |

| PLAYGROUNDS                                       |                               |                               |                                       |   |        |   |
|---|-------------------------------|-------------------------------|---------------------------------------|---|--------|---|
| Parks   | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes   |
| LIONS CIVIC GARDENS<br>875 GARDINERS RD           |                               |                               |                                       |   |        |   |
| LOMBARDY PARK<br>485 BOXWOOD ST                   | 1                             | 1                             |                                       |   |        |   |
| MACALPINE PARK<br>1879 MACALPINE RD               |                               |                               |                                       |   |        |   |
| MACDONALD MEMORIAL PARK<br>1 KING ST              |                               |                               |                                       |   |        |   |
| MACLEAN PARK<br>224 GORE RD                       |                               |                               |                                       |   |        |   |
| MACLEAN TRAILS (PITTSBURGH LIBRARY)<br>914 15 HWY |                               |                               |                                       |   |        |   |
| MADOMA PARK<br>1805 2 HWY                         | 1                             |                               |                                       |   | X      |   |
| MARCLEN PARK<br>112 MARCLEN DR                    |                               |                               |                                       |   |        |   |
| MARKERS ACRES PARK<br>201 CONACHER DR             | 1                             | 1                             |                                       |   | X      | Sr. play - newer condition, Jr. play - older condition. 4 seat tot swing set, 4 seat kids swing set. Gravel base. |
| MAX JACKSON MEMORIAL PARK<br>15 OAK ST            |                               |                               | 1                                     | X                                       |        |   |
| MAYFAIR PARK<br>988 MAYFAIR CRES                  |                               |                               |                                       |   |        |   |
| MAYVIEW PARK<br>1920 MAYVIEW DR                   |                               |                               |                                       |   |        |   |
| MCBURNEY PARK / SKELETON PARK<br>151 ORDNANCE ST  | 1                             | 1                             |                                       | X                                       | X      | Good condition - installed in 2011.   |
| MCCULLOUGH PARK (CENTRAL)<br>480 PORTSMOUTH AVE   |                               |                               |                                       |   |        |   |
| MCCULLOUGH PARK (WEST)<br>480 MCCULLOUGH PARK DR  |                               |                               | 1                                     |   | X      |   |
| MEADOWBROOK PARK<br>444 KINGSDALE AVE             | 1                             | 1                             |                                       |   | X      | Play structures in fair/poor condition. 2 swing sets in fair condition. Playground improvements planned.          |
| MEADOWCREST PARK<br>360 KINGSTON MILLS RD         |                               |                               | 1                                     |   | X      |   |
| MEGAFFIN PARK & COOK BROS YC<br>692 BAGOT ST      |                               |                               |                                       |   |        |   |
| MIDLAND PARK<br>1476 HANOVER DR                   |                               |                               | 1                                     |   | X      | Swings installed in 2012.   |
| MILTON LOOKOUT PARK<br>8 RIVERSIDE DR             |                               |                               |                                       |   |        |   |

**PLAYGROUNDS**

| Parks   | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes                               |
|---|-------------------------------|-------------------------------|---------------------------------------|---|--------|-------------------------------------|
| MOLLY BRANT POINT<br>2 CATARAQUI ST           |                               |                               |                                       |   |        |                                     |
| MOLLY MCGLYNN PARK<br>MOLLY MCGLYNN ST        |                               |                               | 1                                     |   |        | Installed in 2016.                  |
| MONA LOOKOUT PARK<br>710 MONA DR              |                               |                               |                                       |   |        |                                     |
| NAVY MEMORIAL PARK<br>61 ONTARIO ST           |                               |                               |                                       |   |        |                                     |
| NEIL McARTHUR PARK<br>57 WILEY ST             |                               |                               | 1                                     | X                                       |        | Good condition - installed in 2010. |
| NEWCOURT PARK<br>50 NEWCOURT PL               |                               |                               |                                       |   |        |                                     |
| NEWMARKET LANE PARKETTE<br>730 NEWMARKET LANE |                               |                               | 1                                     | X                                       |        |                                     |
| NICKLE AVENUE PARK<br>69 NICKLE AVE           |                               |                               | 1                                     | X                                       |        | Playground improvements planned.    |
| NORWEST PARK<br>860 NORWEST RD                |                               |                               | 1                                     |   |        |                                     |
| OAK STREET PARK<br>62 OAK ST                  |                               |                               |                                       |   |        |                                     |
| OAKRIDGE PARK<br>2 OAKRIDGE AVE               |                               |                               | 1                                     | X                                       |        |                                     |
| O'CONNOR PARK<br>268 OLD QUARRY RD            | 1                             | 1                             |                                       |   | X      |                                     |
| OLD COLONY PARK<br>975 OLD COLONY RD          |                               |                               | 1                                     | X                                       |        |                                     |
| OPTIMIST BASEBALL FIELD<br>412 RIDEAU ST      |                               |                               |                                       |   |        |                                     |
| PARKSIDE PARKETTE<br>718 PARKSIDE CRES        |                               |                               |                                       |   |        |                                     |
| PATTERSON PARK<br>86 SUNNY ACRES RD           |                               |                               |                                       |   |        |                                     |
| PIERSON PARK<br>1648 JOYCEVILLE RD            |                               |                               | 1                                     | X                                       |        | Fair/good condition. Gravel base.   |
| PIMLICO PARK<br>964 LINCOLN DR                |                               |                               |                                       |   |        |                                     |
| PINE STREET TRIANGLE<br>174 PINE ST           |                               |                               | 1                                     |   |        |                                     |
| PITTSBURGH PLACE PARK<br>696 MACLEAN CRT      |                               |                               |                                       |   |        |                                     |

| PLAYGROUNDS  |                               |                               |                                       |   |        |   |
|--|-------------------------------|-------------------------------|---------------------------------------|---|--------|---|
| Parks  | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes                                   |
| PLACE D'ARMES WALK<br>KING ST                          |                               |                               |                                       |   |        |   |
| POINT ST. MARK PARK<br>15 POINT ST. MARK DR            | 1                             | 1                             |                                       |   | X      |   |
| POLSON PARK<br>153 ROBERT WALLACE DR                   |                               |                               |                                       | X                                       | X      | Playground on adjacent school property. |
| POPLAR GROVE PARK<br>590 GLENVIEW AVE                  | 1                             | 1                             |                                       |   | X      | Installed in 2017.                      |
| PORTSMOUTH OLYMPIC HARBOUR<br>53 YONGE ST              |                               |                               | 1                                     |   |        |   |
| PORTSMOUTH SOCCER FIELDS<br>56 FRANCIS ST              |                               |                               |                                       |   |        |   |
| RAVENSVIEW PARK<br>807 LA SALLE BLVD                   |                               |                               |                                       |   |        |   |
| RICHDALE PARK<br>116 GRENADIER DR                      |                               |                               |                                       |   |        |   |
| RIDEAU SCHOOL PARKETTE<br>375 MACDONNELL ST            |                               |                               |                                       |   |        |   |
| RIDGEWOOD PARK<br>830 SAFARI DR                        |                               | 1                             |                                       | X                                       |        | Good condition - installed in 2010.     |
| RIVERMEADE PARKETTE<br>648 RIVERMEADE AVE              |                               |                               |                                       |   |        |   |
| RIVERS EDGE PARK<br>1290 WATERSIDE WAY                 |                               |                               |                                       |   |        |   |
| RIVERSIDE CENTRAL PARK<br>31 FAIRCREST BLVD            |                               |                               | 1                                     |   | X      | Improved in 2014.                       |
| RIVERSIDE WATERSIDE PARK<br>34 FAIRCREST BLVD          |                               |                               |                                       |   |        |   |
| RIVERVIEW PARK<br>140 RIDEAU ST                        | 1                             |                               |                                       | X                                       |        | Improved in 2016.                       |
| RIVERWALK PARKETTE<br>98 DALGLEISH AVE                 |                               |                               |                                       |   |        |   |
| RIVERWOOD PARK<br>1812 MACALPINE RD                    |                               |                               |                                       |   |        |   |
| ROCHDALE PARK<br>864 ROCHDALE CRES                     |                               |                               |                                       |   |        |   |
| RODDEN PARK<br>111 NORMAN ROGERS DR                    |                               |                               | 1                                     |   | X      |   |
| RONALD LAVALLEE MEMORIAL KIWANIS PARK<br>53 FOURTH AVE | 1                             |                               |                                       |   | X      | Fair/poor condition.                    |

**PLAYGROUNDS**

| Parks  | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings | Notes                             |
|--|-------------------------------|-------------------------------|---------------------------------------|---|--------|-----------------------------------|
| ROSE ABBEY PARK<br>59 ROSE ABBEY DR                |                               |                               |                                       |   |        |                                   |
| ROSEDALE PARK<br>1985 ROSEDALE DR                  |                               |                               |                                       |   |        |                                   |
| ROTARY PARK<br>1280 COVERDALE DR                   | 1                             | 1                             |                                       |   | X      |                                   |
| RUNNYMEDE PARK<br>83 RUNNYMEDE RD                  |                               |                               |                                       |   | X      |                                   |
| SHANE PARK<br>1029 PARKLAND DR                     |                               |                               |                                       |   |        |                                   |
| SHANNON PARK<br>199 WILSON ST                      |                               |                               | 1                                     |   | X      |                                   |
| SHANNONS CORNERS PARK<br>2400 PERTH RD             |                               |                               | 1                                     | X                                       | X      | Good condition. Improved in 2016. |
| SIBBIT PARK<br>941 MCKNIGHT RD                     |                               |                               |                                       |   |        |                                   |
| SILAS STEVENS PARKETTE<br>52 NOTCH HILL RD         |                               |                               | 1                                     |   |        |                                   |
| SMITHFIELD CRESCENT PARK<br>77 SMITHFIELD CRES     |                               |                               |                                       |   |        |                                   |
| SMUGGLER'S COVE PARK<br>241 SMUGGLER'S COVE DR     |                               |                               |                                       |   |        |                                   |
| SMUGGLER'S COVE PARKETTE<br>283 SMUGGLER'S COVE DR |                               |                               |                                       |   |        |                                   |
| SNIDER PARK<br>146 GUTHRIE DR                      |                               |                               | 1                                     | X                                       | X      |                                   |
| SPRINGER MARKET SQUARE<br>216 ONTARIO ST           |                               |                               |                                       |   |        |                                   |
| SPRINGER PARK<br>992 PORTSMOUTH AVE                |                               |                               |                                       |   |        |                                   |
| STARR REID PARK<br>64 DRENNAN ST                   |                               |                               | 1                                     |   | X      | Fair/poor condition.              |
| STRATHCONA PARK<br>81 INDIAN RD                    |                               |                               | 1                                     |   | X      |                                   |
| SUNNYSIDE PARK<br>1745 JESSE CRES                  |                               |                               |                                       |   |        |                                   |
| SUTHERLAND DRIVE PARK<br>51 SUTHERLAND DR          |                               |                               |                                       |   | X      |                                   |
| SUTTON MILLS PARK<br>820 SOMERSET CRES             |                               |                               | 1                                     |   | X      |                                   |

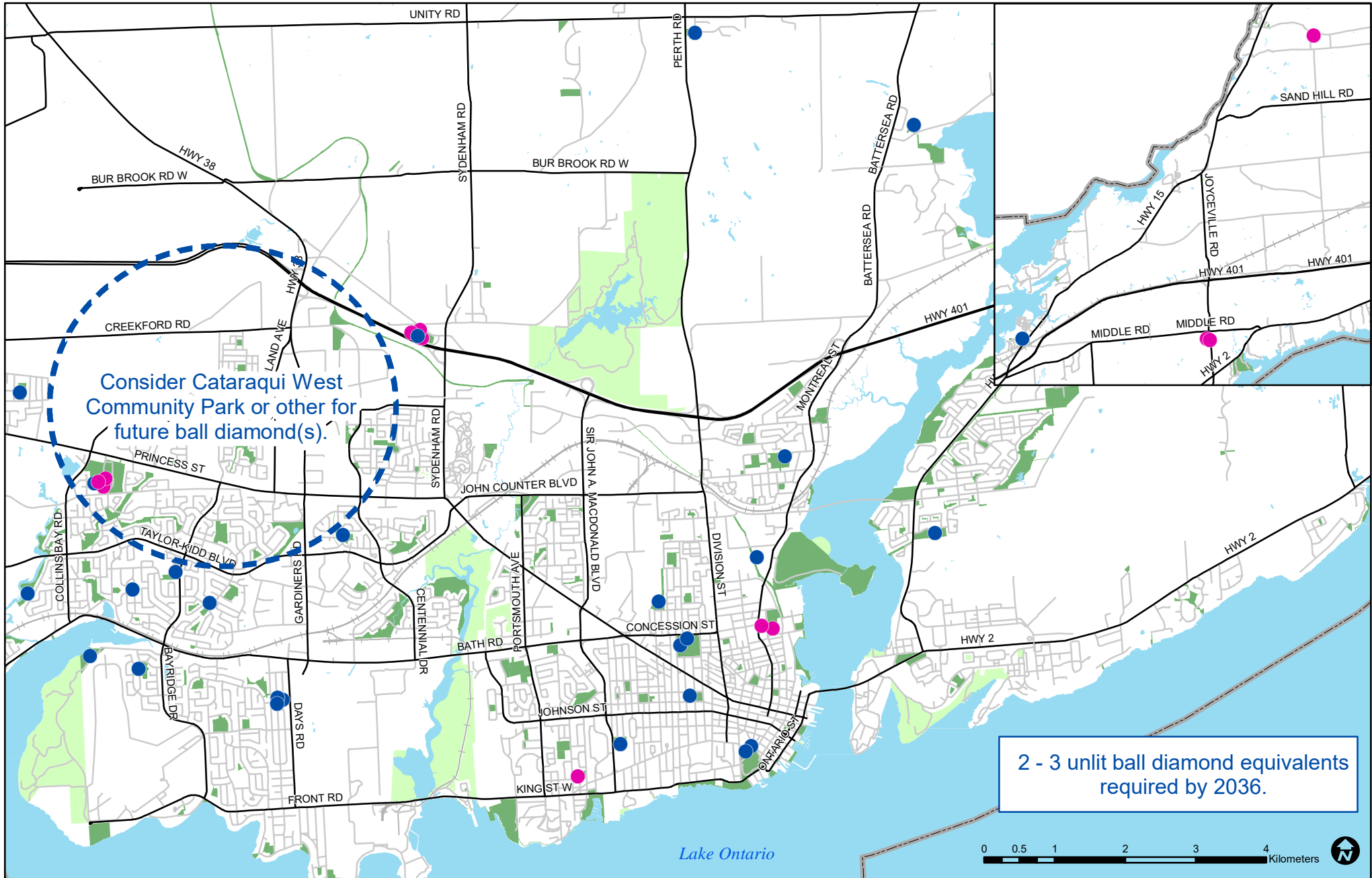
**PLAYGROUNDS**

| Parks   | Playground Equipment - Senior | Playground Equipment - Junior | Playground Equipment Combined (Jr/Sr) | Monkey Barks / Climbing / Slide / Other | Swings    | Notes   |
|---|-------------------------------|-------------------------------|---------------------------------------|---|-----------|---|
| THIRD AVENUE PARK<br>141 THIRD AVE                |                               |                               |                                       | X                                       | X         | Replaced in 2017.   |
| TRAILHEAD PARK<br>1105 TRAILHEAD PL               |                               |                               |                                       |   |           |   |
| TRILLIUM RIDGE PARK<br>303 GRANDTRUNK EAST AVE    |                               |                               | 1                                     | X                                       |           | Improved in 2012.   |
| TUGWOOD PARK<br>179 RAILWAY ST                    |                               |                               | 1                                     |   |           |   |
| VICKI KEITH PARKETTE<br>76 ORDNANCE ST            |                               |                               |                                       |   |           |   |
| VICTORIA PARK<br>487 BROCK ST                     | 1                             | 1                             |                                       | X                                       | X         | Wood chip base. Includes 2 swing sets. Good condition, well maintained. |
| WATERFRONT PATHWAY<br>3 GORE ST                   |                               |                               |                                       |   |           |   |
| WELBORNE PARK<br>237 GLEN CASTLE RD               | 1                             | 1                             |                                       |   | X         |   |
| WEST PARK<br>1250 ACADIA DR                       |                               |                               | 1                                     | X                                       | X         | Playground improvements planned.  |
| WESTBROOK MEADOWS PARK<br>MANDARA CT              | 1                             | 1                             |                                       | X                                       | X         |   |
| WESTBROOK PARK<br>1388 WOODFIELD CRES             |                               |                               | 1                                     |   | X         | Built in 2016.  |
| WESTWOODS OPEN SPACE<br>1098 WOODBINE RD          |                               |                               |                                       |   |           |   |
| WHITMOUNT ESTATES PARK<br>1334 CHANNELVIEW RD     |                               |                               |                                       |   |           |   |
| WILLIAM J. HACKETT PARK<br>1660 JOHN COUNTER BLVD |                               |                               | 1                                     |   | X         | Older play structure. 1 tot swing, 1 kids swing. Sand base.             |
| WINDFIELD PARK<br>39 WINDFIELD CRES               |                               |                               |                                       |   |           |   |
| WOODBINE PARK<br>1180 WOODBINE RD                 |                               |                               | 1                                     | X                                       | X         | Opportunity to relocate play structure closer to the splash pad.        |
| WOODHAVEN PARK<br>ESCALA CR                       |                               |                               | 1                                     | X                                       | X         |   |
| WOODLANDS PARK<br>292 MOWAT AVE                   |                               |                               | 1                                     |   | X         |   |
| <b>TOTAL MUNICIPAL SUPPLY</b>                     | <b>26</b>                     | <b>30</b>                     | <b>68</b>                             | <b>30</b>                               | <b>72</b> |   |
| <b>TOTAL PLAYGROUND LOCATIONS</b>                 | <b>104</b>                    |                               |                                       |   |           |   |

# Appendix C: Asset Inventory Mapping



# Ball Diamonds

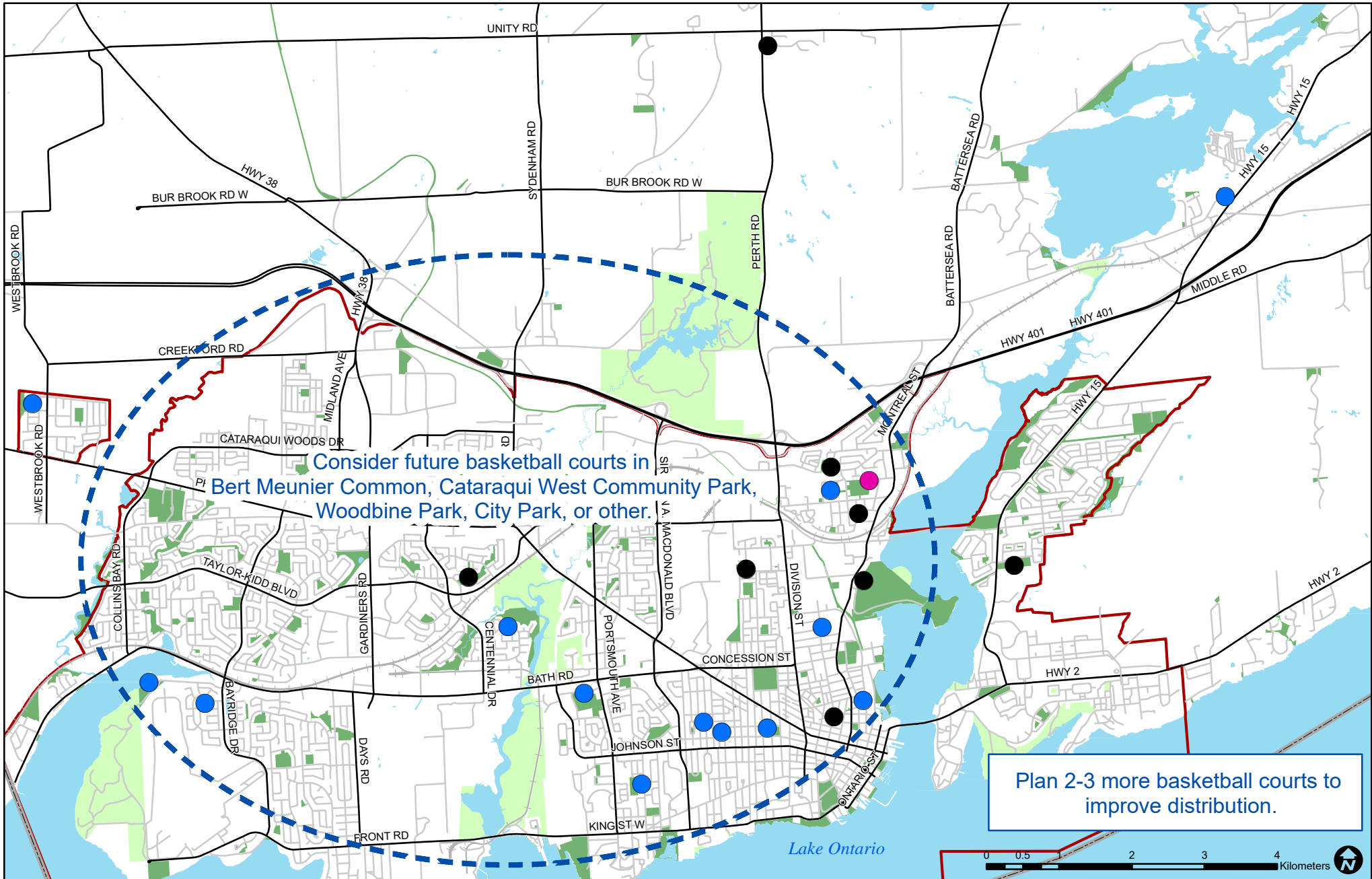


## Legend

- Senior Ball Diamond
- Junior and Informal Ball Diamond
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Basketball Courts



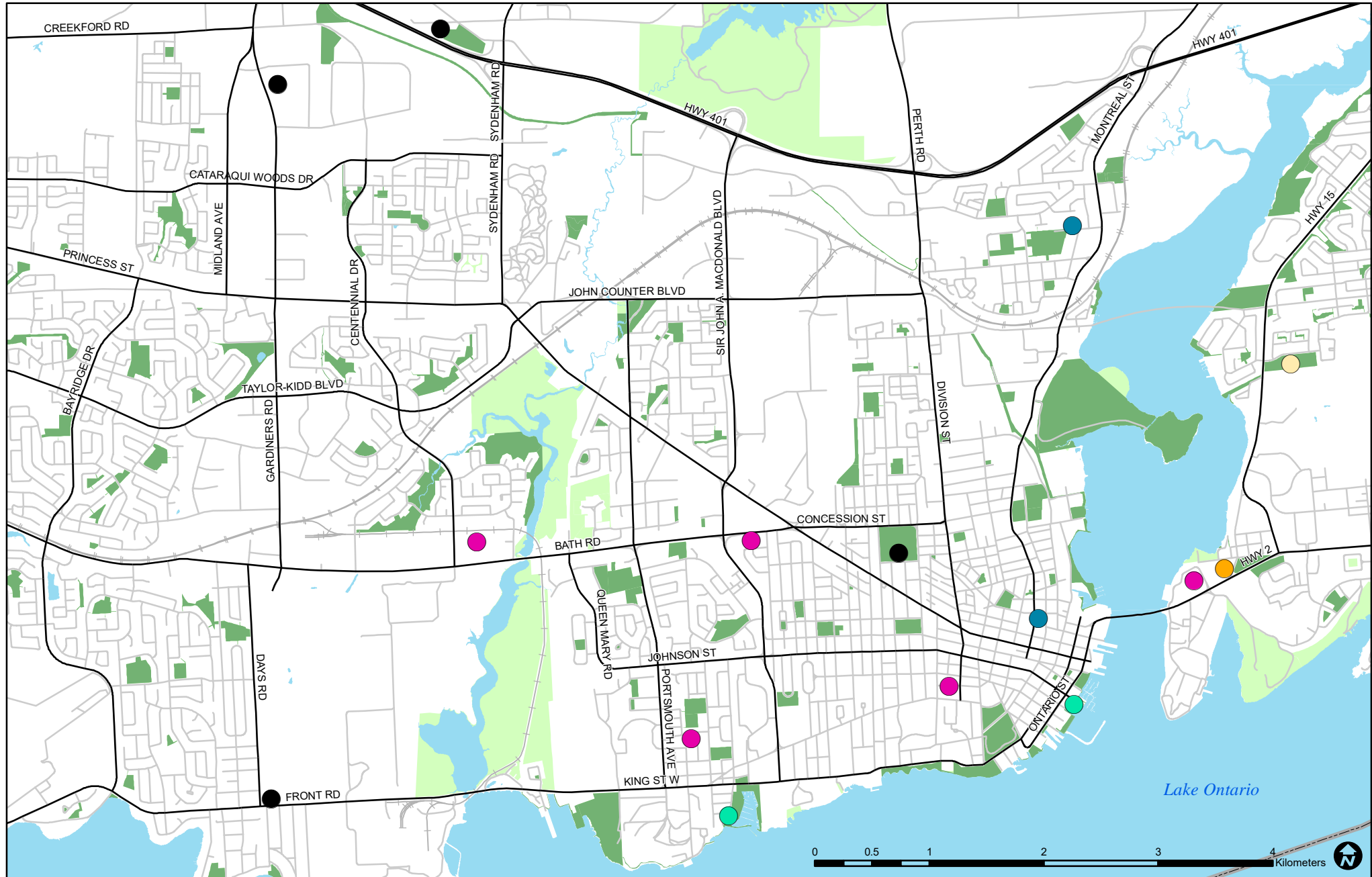
## Legend

- Basketball Full Court
- Basketball Half Court
- Planned Basketball Court
- ⊕ Municipal Boundary
- ⊕ City Park and Open Space
- ⊕ Waterbodies
- ⊕ Non-City Park and Open Space











Plan 2-3 more basketball courts to improve distribution.

Notes:  
Map does not show entire City boundary

# Community Centres, Arenas, and Marinas



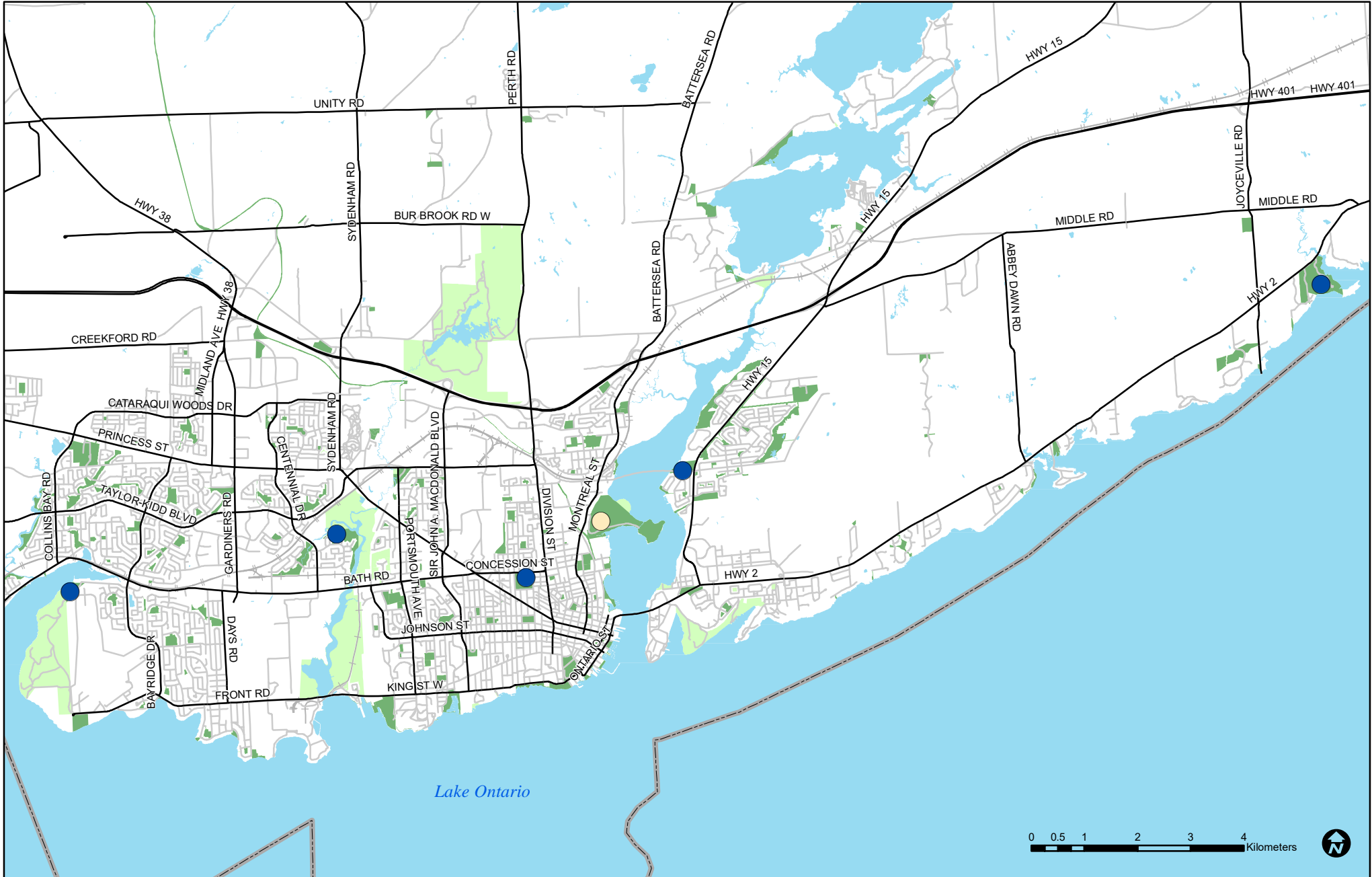
## Legend

- |  |  |  |  |
|--|--|--|--|
|  City-Operated Community Centre               |  Marina             |  Municipal Boundary |  City Park and Open Space     |
|  Planned City Operated Community Centre       |  Arena              |  Waterbodies        |  Non-City Park and Open Space |
|  Other Public Recreational/Community Facility |  Other Public Arena |  |  |

Notes:  
Map does not show entire City boundary



# Off-Leash Dog Areas

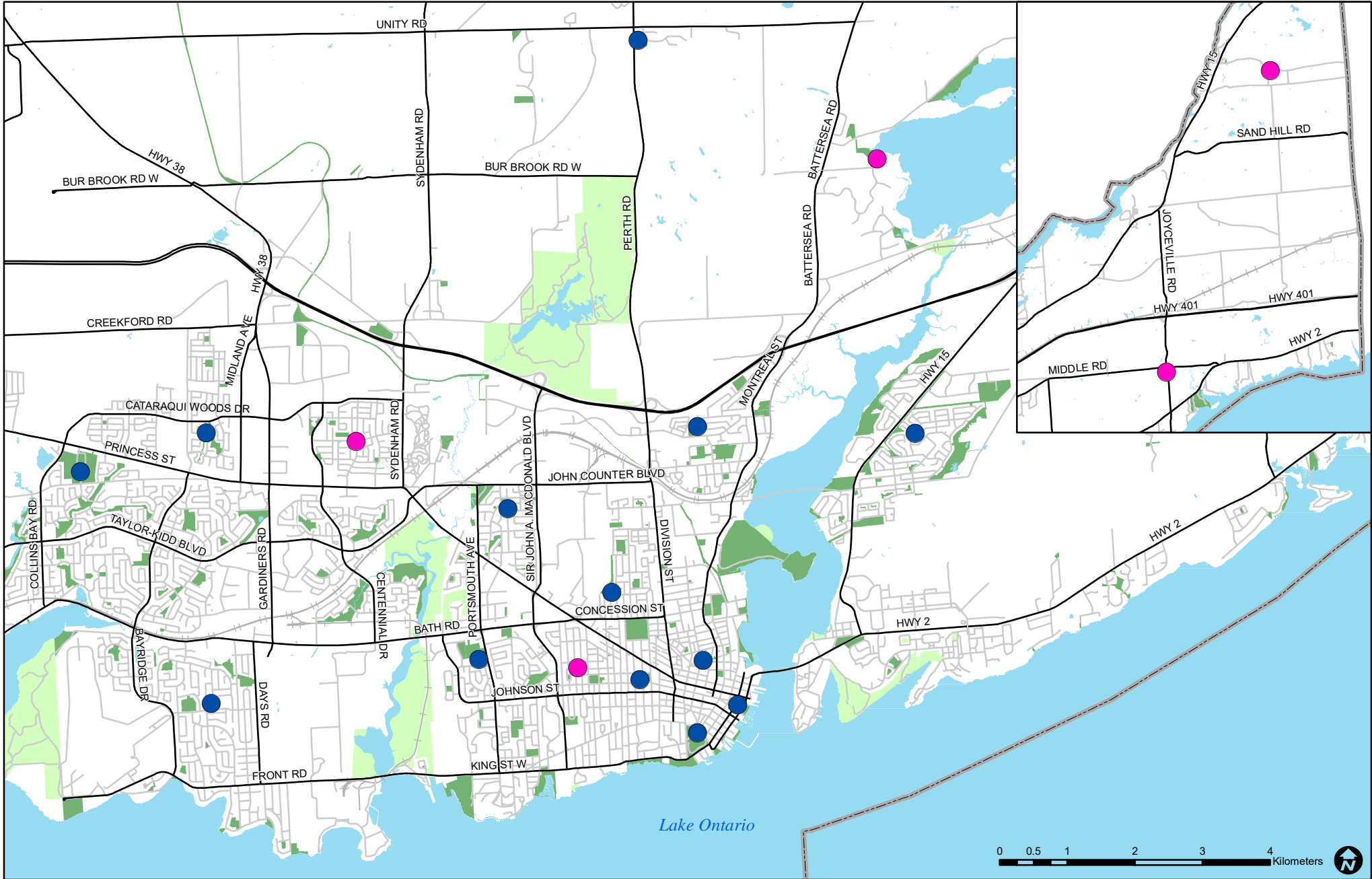


## Legend

- Off-Leash Dog Area
- Planned Off-Leash Dog Area
- Municipal Boundary
- City Park and Open Space
- Non-City Park and Open Space
- Waterbodies

Notes:  
Map does not show entire City boundary

# Outdoor Rinks

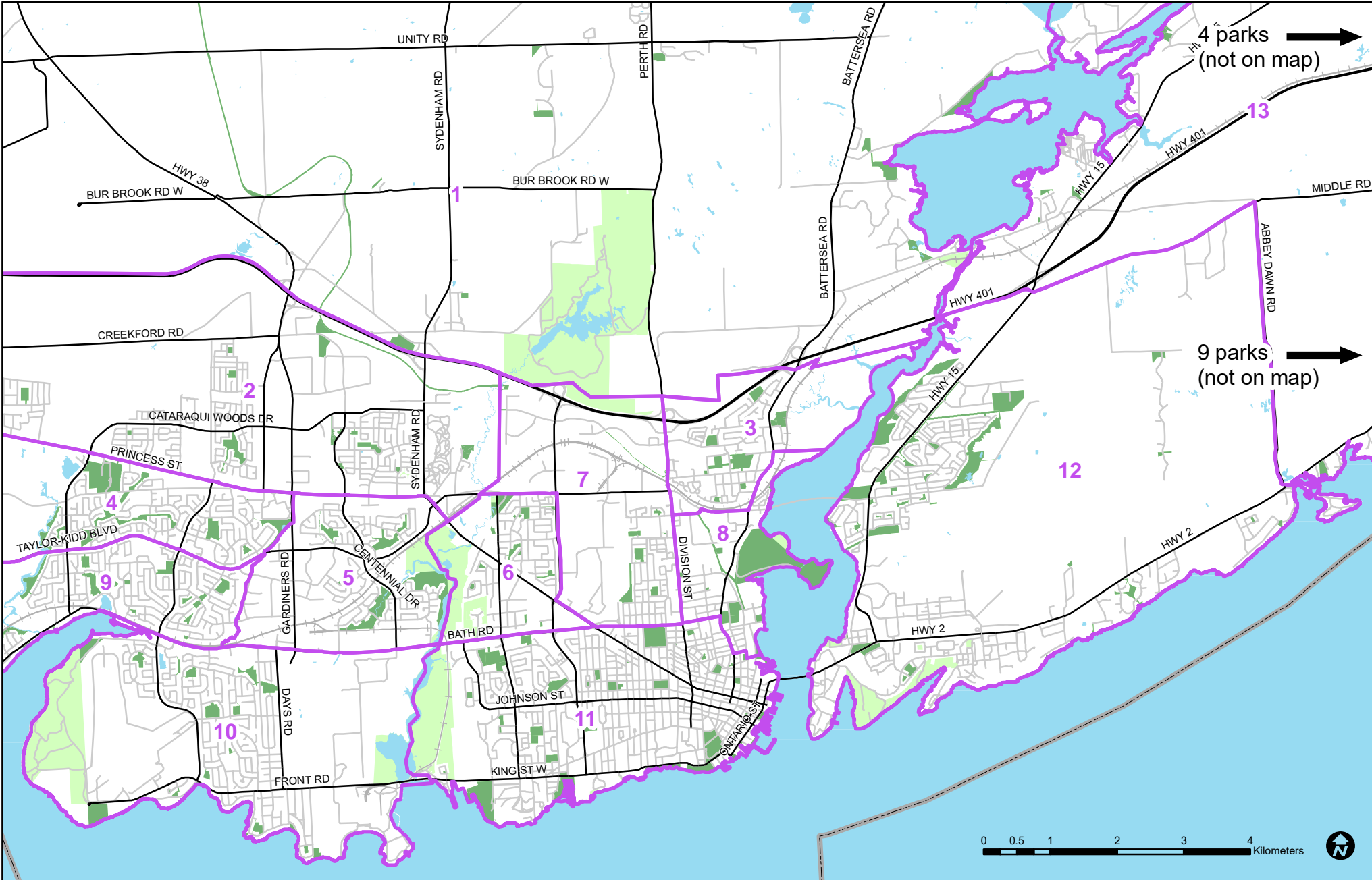


## Legend

- City-Operated Outdoor Rink
- Community-Operated Outdoor Rink
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Parkland



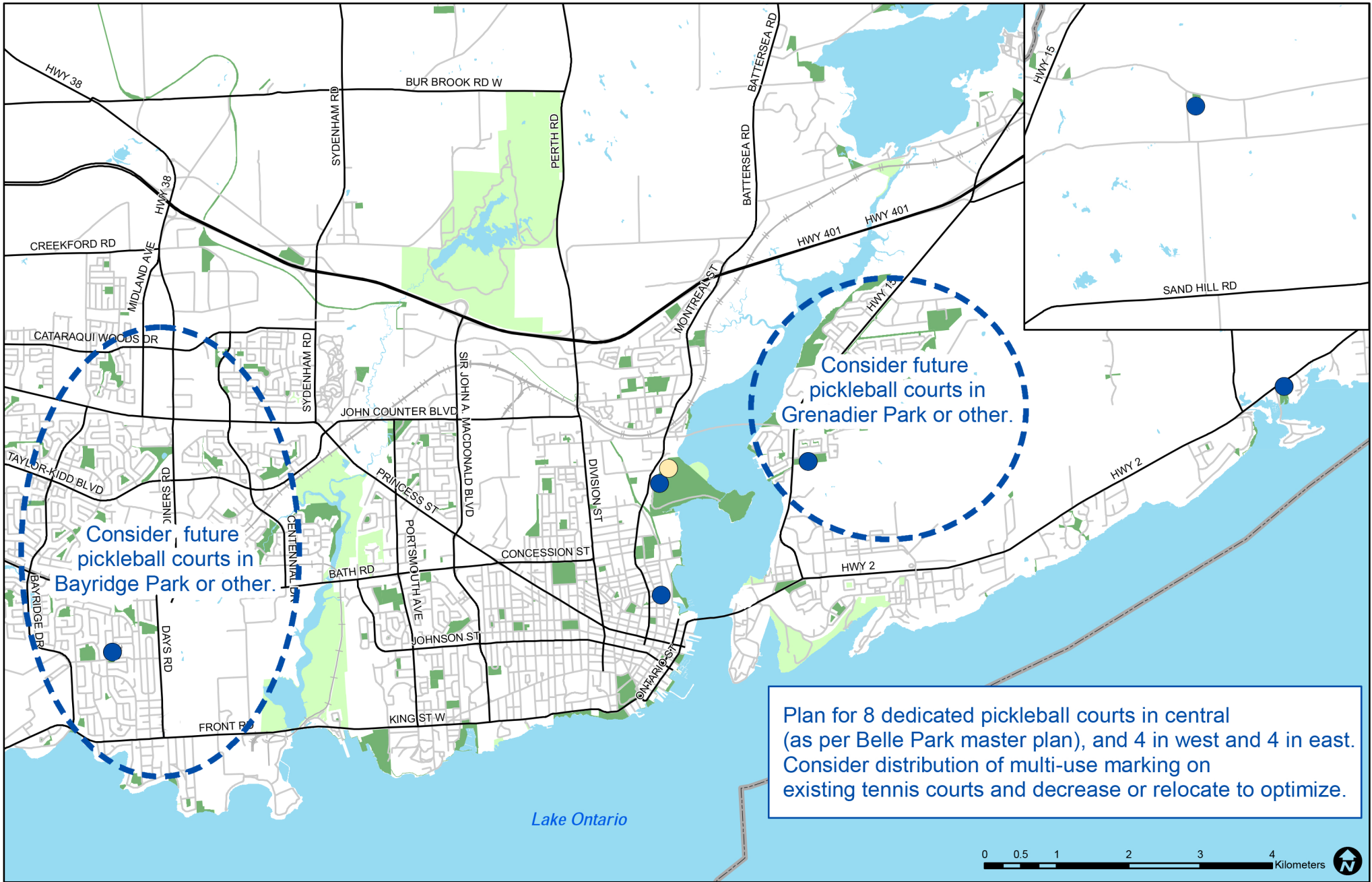
## Legend

- City Park and Open Space
- Non-City Park and Open Space
- Parkland Service Area
- Municipal Boundary
- Waterbodies

Notes:  
Map does not show entire City boundary



# Pickleball Courts

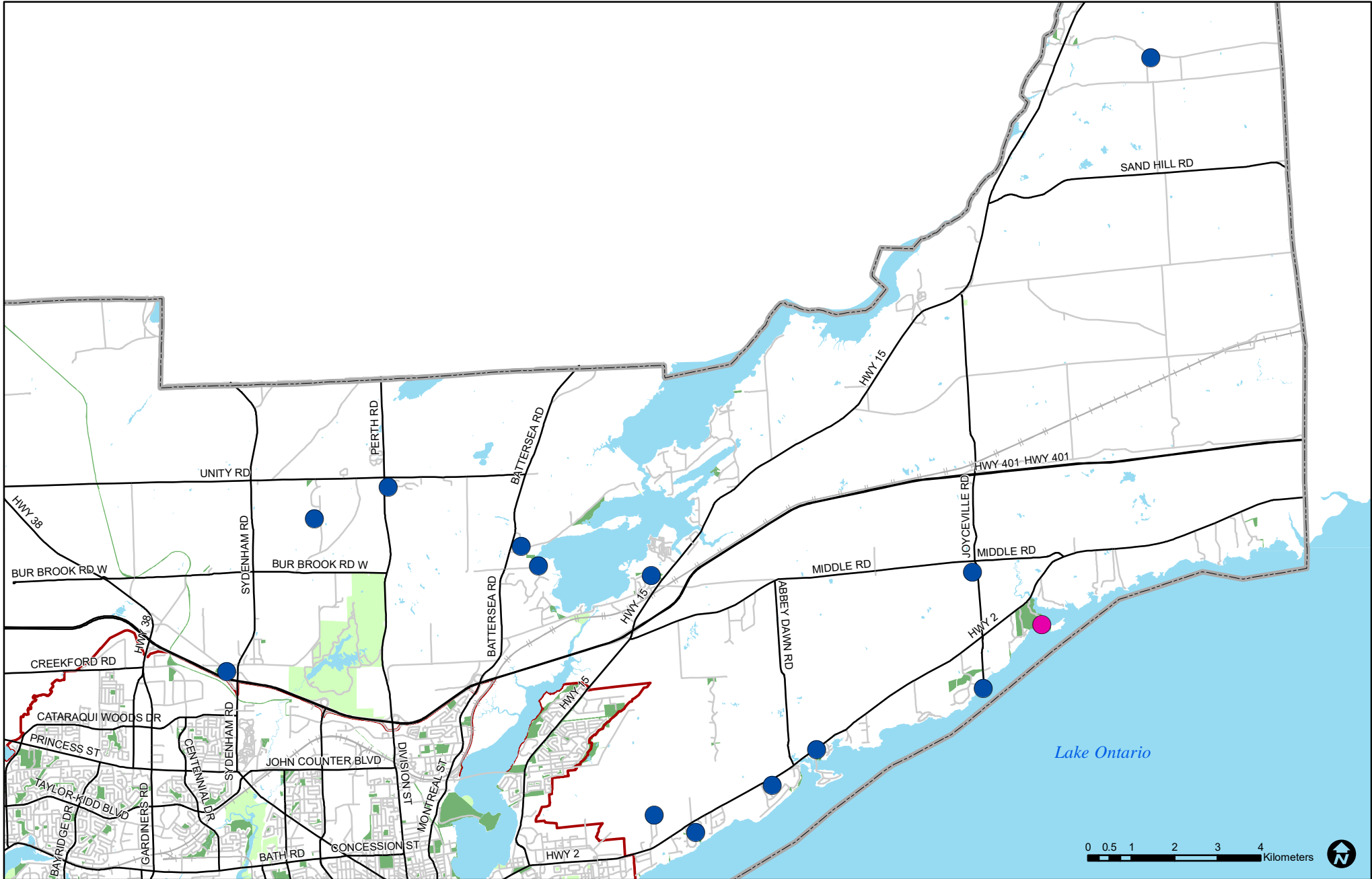


## Legend

- Pickleball Court (multi-use)
- Planned Dedicated Pickleball Court
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Parks with Playgrounds - Rural Area



## Legend

- Large Playground
- Neighbourhood Playground

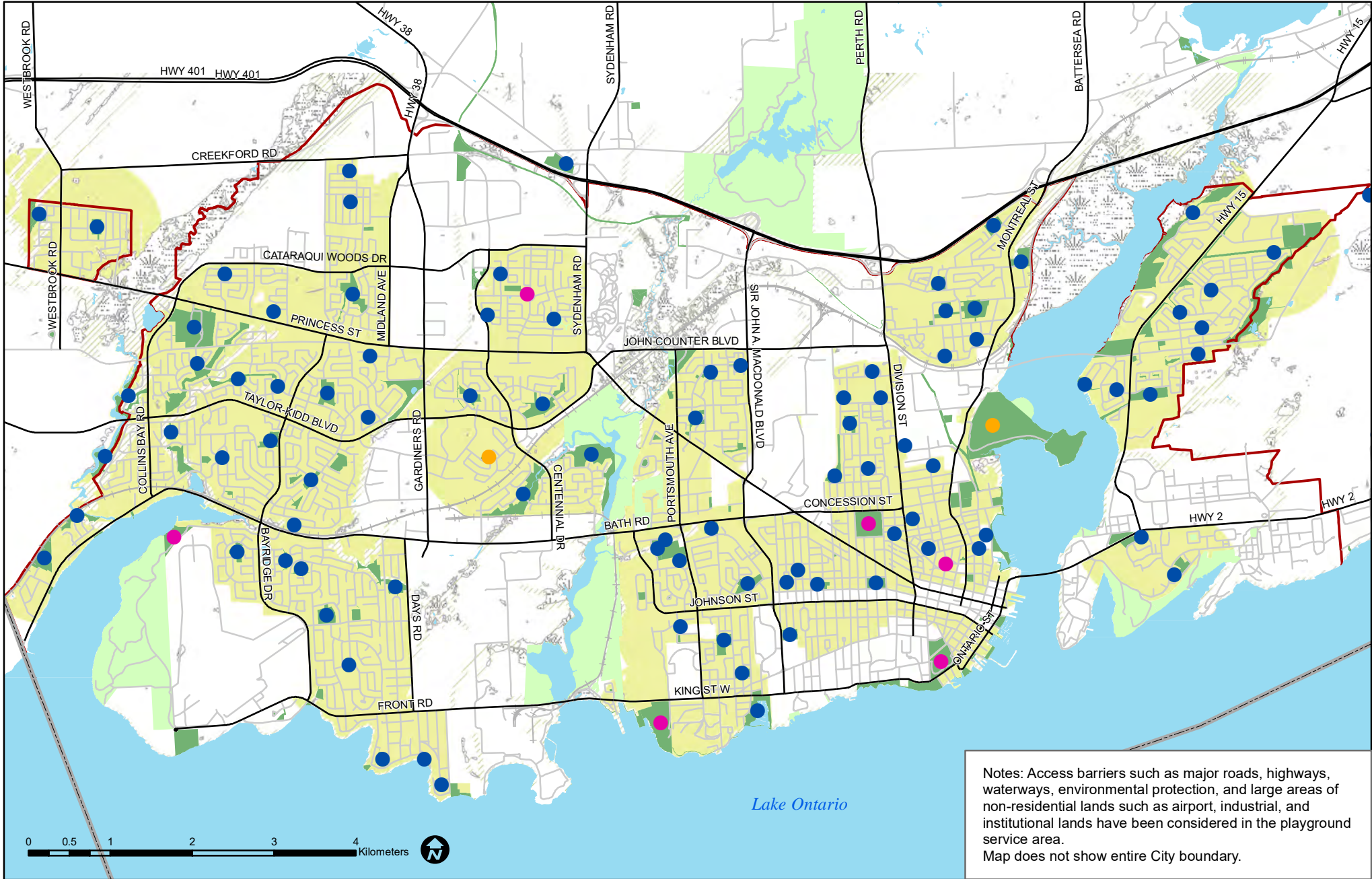
- Municipal Boundary
- Urban Area
- Waterbodies

- City Park and Open Space
- Non-City Park and Open Space

Notes: Map does not show entire City boundary. Parks with playgrounds located in the urban area are shown on a different map.



# Parks with Playgrounds - Urban Area

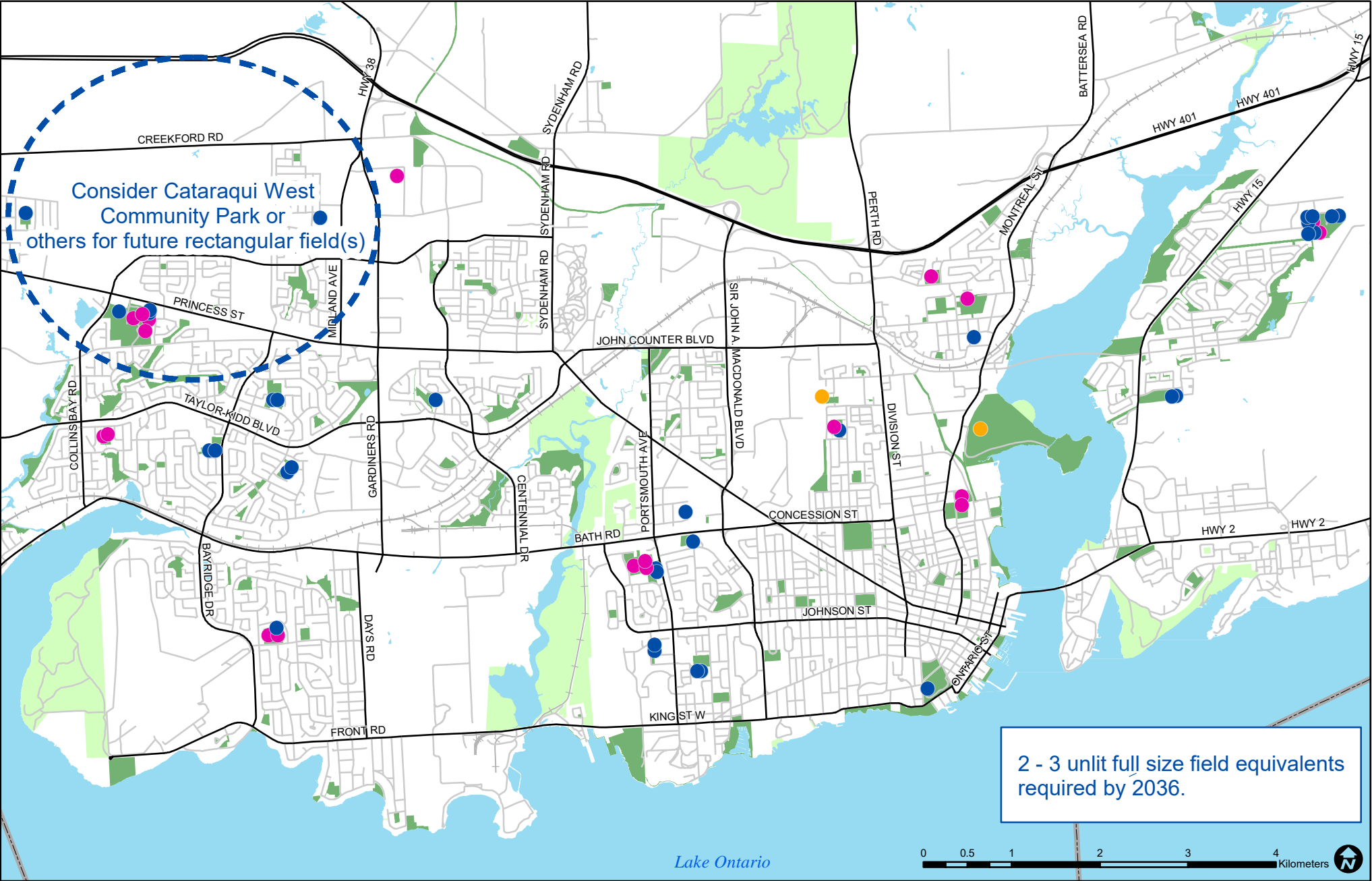


## Legend

- |  |  |  |
|--|--|--|
| <span style="color: magenta;">●</span> Large Playground      | <span style="background-color: yellow;">■</span> 800m Service Area | Municipal Boundary   |
| <span style="color: blue;">●</span> Neighbourhood Playground | Marsh  | <span style="border: 2px solid red; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Urban Area                          |
| <span style="color: orange;">●</span> Planned Playground     | Environmental Protection Area                                      | <span style="background-color: green; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> City Park and Open Space          |
|  | Waterbodies  | <span style="background-color: lightgreen; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Non-City Park and Open Space |



# Rectangular Fields



## Legend

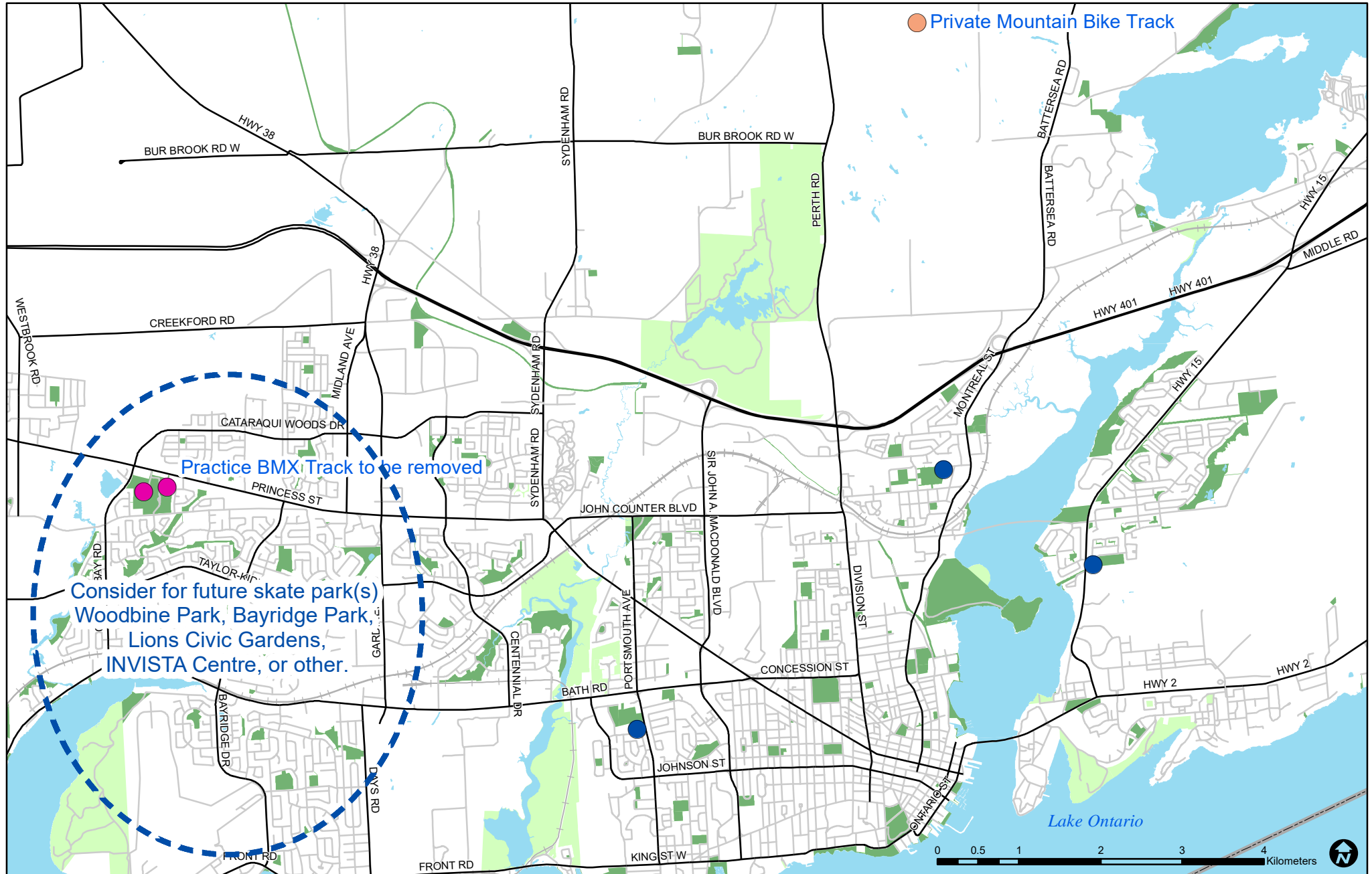
- Senior Rectangular Field
- Junior and Mini Rectangular Field
- Planned Rectangular Field

- Municipal Boundary
- Waterbodies

- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Skate Parks, BMX and Mountain Bike Tracks



- Legend**
- Skate Park
  - BMX Track
  - Private Mountain Bike Track

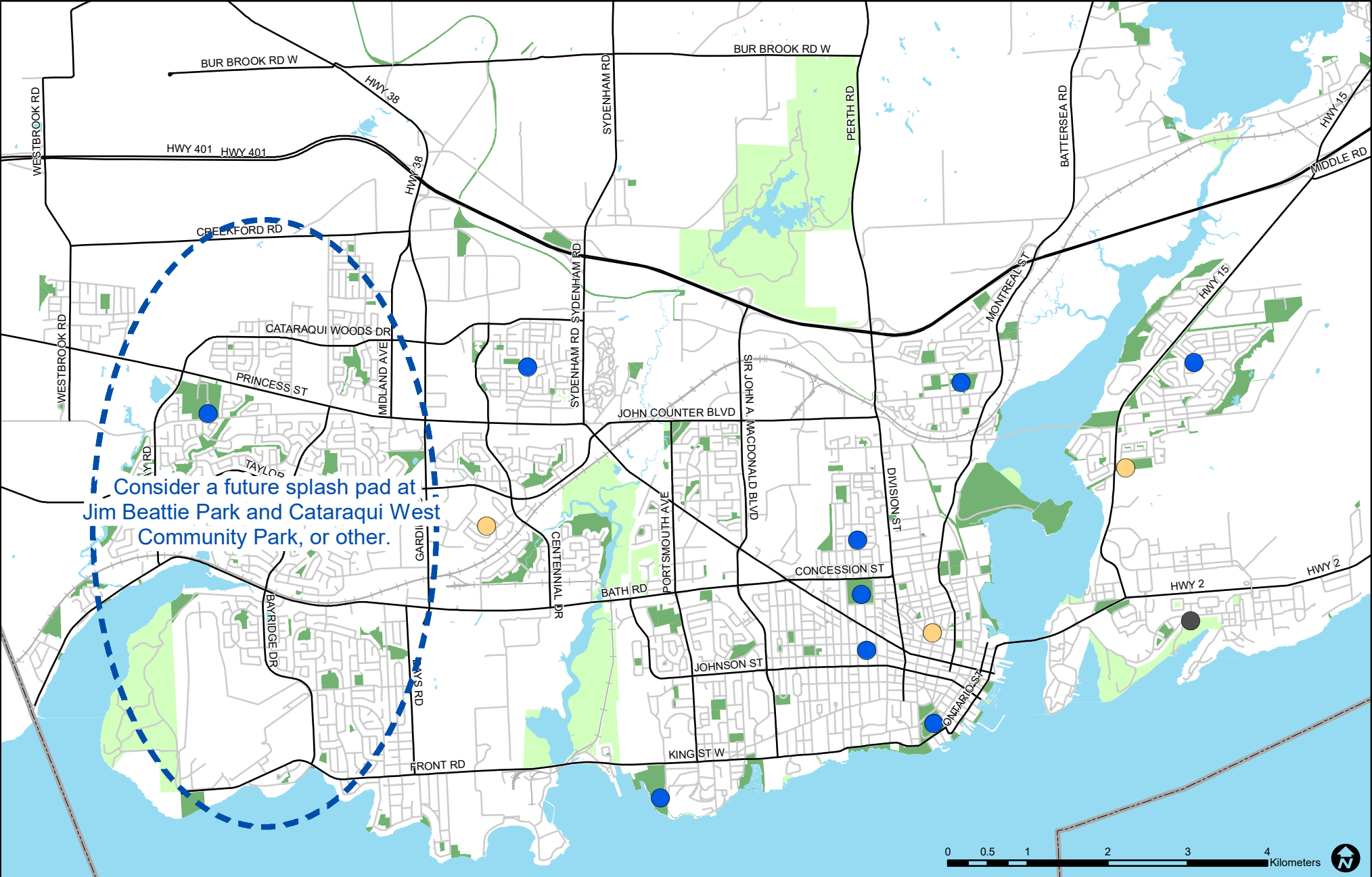
- Municipal Boundary
- City Park and Open Space
- Waterbodies
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary





# Splash Pads



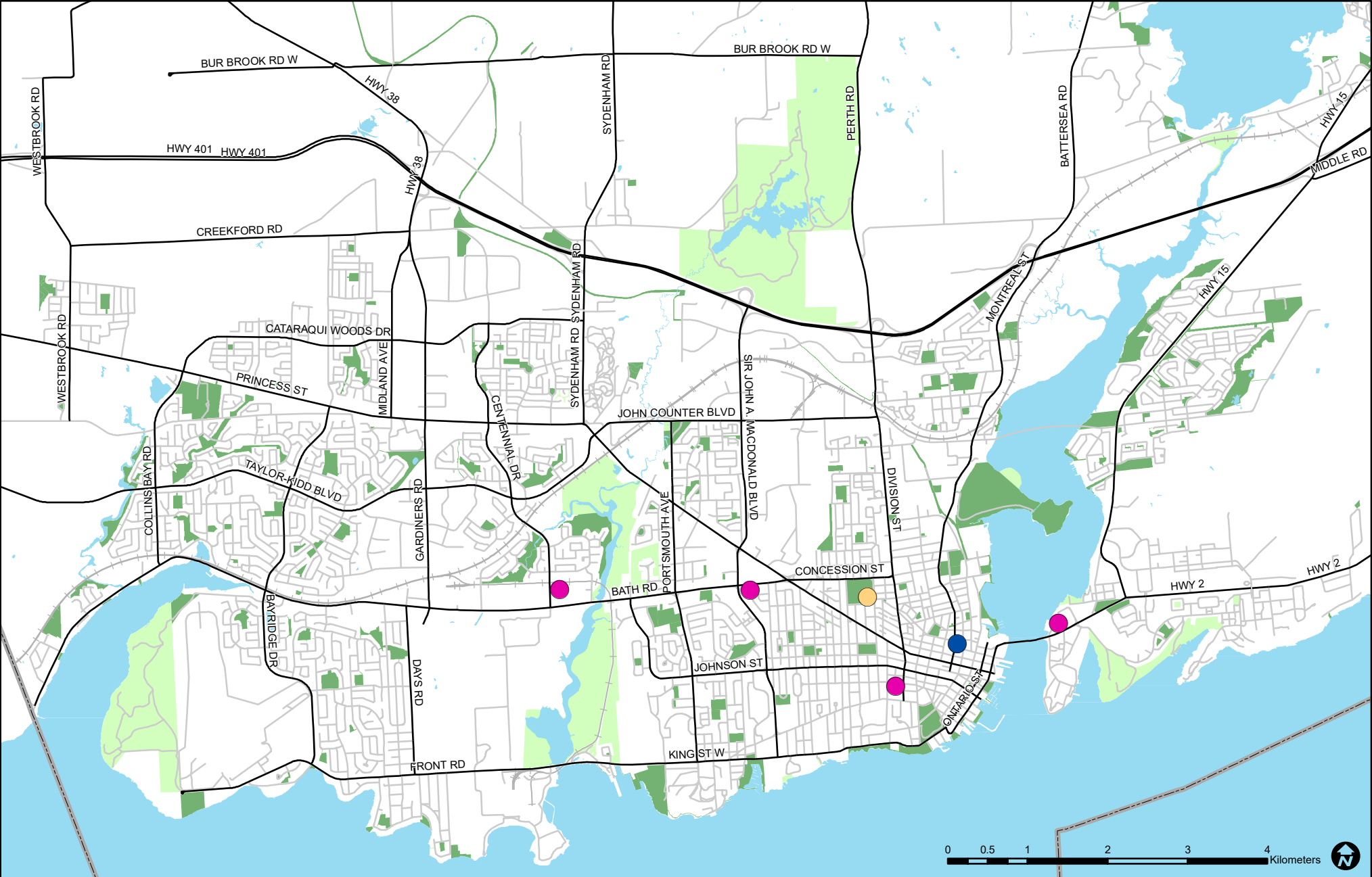
Consider a future splash pad at Jim Beattie Park and Cataraqi West Community Park, or other.

## Legend

- Splash Pad
- Planned Splash Pad
- Non-City Splash Pad
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Swimming Pools

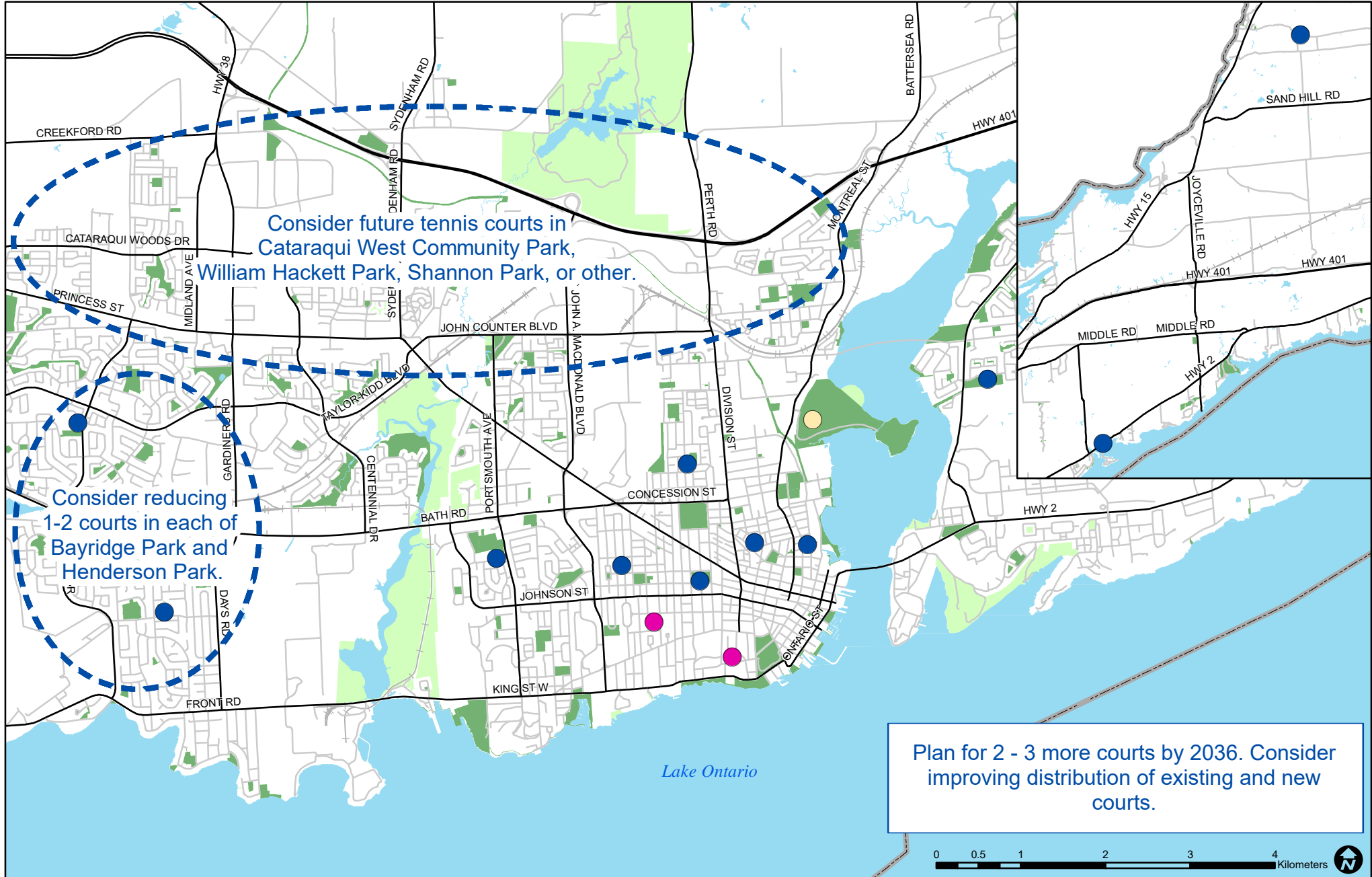


## Legend

- City-Operated Indoor Pool
- Other Public Indoor Pool
- City-Operated Outdoor Pool
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary

# Tennis Courts



## Legend

- Tennis Court
- Non-City Owned Tennis Court
- Planned Tennis Court
- Municipal Boundary
- Waterbodies
- City Park and Open Space
- Non-City Park and Open Space

Notes:  
Map does not show entire City boundary





**Prepared by Sierra Planning & Management**

**For the City of Kingston**

**July 2019**

**Parks and Recreation Master Plan Update: Needs Assessment Report**