



REVISED AGENDA  
PUBLIC MEETING  
STANDING POLICY COMMITTEE ON  
ENVIRONMENT, UTILITIES  
AND CORPORATE SERVICES

Tuesday, December 5, 2017, 9:00 a.m.

Council Chamber, City Hall

Committee Members:

Councillor M. Loewen, Chair, Councillor H. Gough, Vice-Chair, Councillor T. Davies, Councillor S. Gersher, Councillor D. Hill, His Worship, Mayor C. Clark (Ex-Officio)

Pages

1. CALL TO ORDER

2. *CONFIRMATION OF AGENDA*

*Recommendation*

1. That the report of the A/General Manager, Transportation and Utilities Department, dated December 5, 2017, be added as Item 10.1 under Urgent Business; and
2. That the agenda be confirmed as amended.

3. DECLARATION OF CONFLICT OF INTEREST

4. ADOPTION OF MINUTES

*Recommendation*

That the minutes of meeting held November 6, 2017, be adopted.

5. UNFINISHED BUSINESS

6. COMMUNICATIONS (requiring the direction of the Committee)

6.1 Delegated Authority Matters

*[Approval of exemptions under The Noise Bylaw.]*

6.2 Matters Requiring Direction

6.3 Requests to Speak (new matters)

7. REPORTS FROM ADMINISTRATION

7.1 Delegated Authority Matters

7.1.1 Green Infrastructure Strategy - Update [CK. 7556-003] 4 - 31

**Recommendation**

That the report of the Acting General Manager, Corporate Performance Department, dated December 5, 2017, be received as information.

7.2 Matters Requiring Direction

7.2.1 Truth and Reconciliation Commission of Canada Calls to Action Update - December 2017 [CK. 5616-1 and CP. 0364-185] 32 - 54

**Recommendation**

That the report of the Acting General Manager, Corporate Performance Department, dated December 5, 2017, be forwarded to City Council for information.

7.2.2 Request for Permission to Exceed 25% of Contract - Compost Screening [CK. 7830-4-2 and PW. 7832-2] 55 - 58

**Recommendation**

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That the Administration be given approval for Contract No. 17-0579, Compost Screening with The Lawn Loggers Ltd. to exceed 25% of the contract value and be extended by \$27,282.50, including taxes; and
2. That Purchasing Services issue the appropriate change notice in the amount of \$27,282.50.

8. MOTIONS (NOTICE PREVIOUSLY GIVEN)

9. GIVING NOTICE

10. URGENT BUSINESS

10.1 *Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements [File No. CK. 7780-1 x1930-1]* 59 - 75

*Recommendation*

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

That Bylaw No. 8880 – Private Sewer and Water Service Connection Bylaw, 2010 be amended to reflect the deferred payment program as outlined in the report of the A/General Manager, Transportation and Utilities Department, dated December 5, 2017.

11. **IN CAMERA SESSION (OPTIONAL)**
12. **ADJOURNMENT**

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## Green Infrastructure Strategy - Update

### Recommendation

That the report of the Acting General Manager, Corporate Performance Department, dated December 5, 2017, be received as information.

### Topic and Purpose

The purpose of this report is to provide City Council an update on the progress of the Green Infrastructure Strategy.

### Report Highlights

1. Ten key principles have been drafted to guide the development of the Green Infrastructure Strategy. These principles focus on a future desired state for use of green spaces in Saskatoon.
2. The Green Infrastructure Baseline is a map-based inventory of the green spaces in Saskatoon. The baseline is intended to document the current status of green spaces in the City.
3. Engagement in Phase I of the Green Infrastructure Strategy will consist of meetings with key technical experts in the community who may be able to contribute information to the baseline.

### Strategic Goals

This report supports the Strategic Goal of Sustainable Growth by developing a new approach to land use that considers natural areas, surface water management, and other urban activities in an integrated fashion. The goal of Environmental Leadership is supported by ensuring that climate change mitigation and adaptation are considered during land use planning, by promoting biodiversity, by improving access to ecological systems and spaces, and by improving the quality and reducing the quantity of storm water run-off that is going to the river. The goal of Asset and Financial Sustainability is supported by exploring options to reduce gaps in the funding required to rehabilitate and maintain our infrastructure.

### Background

During 2017 Preliminary Business Plan and Budget Deliberations held on November 30 and December 1, 2016, City Council approved an amended scope of work for Capital Project #2390 – Green Infrastructure Strategy (Strategy) as outlined in the Natural Areas Strategy and Green Stormwater Management report. The purpose of the Strategy is to develop an integrated approach to planning for and maintaining a sustainable, biodiverse city by considering natural and supporting areas as important infrastructure.

The Standing Policy Committee on Environment, Utilities & Corporate Services, at its meeting held on March 13, 2017, considered the Development of the Swale - Response to Northeast Swale Watchers' 12 Points report; and resolved, in part:

- “3. That the Administration bring together stakeholders in regards to the Northeast Swale (Swale) to continue the discussion about protection of the Swale. Stakeholders should include, but are not limited to, the City of Saskatoon, University of Saskatchewan, Meewasin Valley Authority, Saskatoon Environmental Advisory Committee, Municipal Heritage Advisory Committee and the Swale Watchers. Stakeholders’ composition does not need to come back to Committee, but suggested starting points for initial discussion include integrated project management, long-term planning, financial implications, community engagement and communications. This process should be underway by the fall of 2017 with a report coming back to the Standing Policy Committee on Environment, Utilities and Corporate Services before 2018 budget deliberations.”

The Standing Policy Committee on Environment, Utilities & Corporate Services, at its meeting held on March 13, 2017, received the Meewasin Valley-wide Resource Management Plan for information. The Strategy will investigate a similar approach to management of other green spaces that are outside of the Meewasin Valley Authority’s (Meewasin) jurisdiction.

The Standing Policy Committee on Environment, Utilities & Corporate Services, at its meeting held on May 8, 2017, considered the Green Infrastructure Strategy report which described the expected outcomes of the Strategy and the project’s alignment with the priorities of the City of Saskatoon.

## **Report**

### Guiding Principles

The development of a systems-based approach to green spaces in Saskatoon will require a substantial shift in policy and procedures linked to the way we currently approach development of natural areas and adjacent lands. A set of ten guiding principles has been drafted to document what the Strategy is broadly intended to achieve. A description of the draft principles for the Strategy can be found in Attachment 1.

### Green Infrastructure Baseline

The Green Infrastructure Baseline (Baseline) is an inventory of the green spaces in Saskatoon, the policies that apply to these spaces, the functions they support, and current land uses. The intent of the Baseline is to take a detailed look at how green spaces are used within city limits and to identify any gaps in policy or information that should be addressed to support the success of the Strategy.

An outline of the current version of the Baseline can be found in Attachment 2, Green Infrastructure Baseline.

### Engagement

Engagement for Phase I of the Strategy will include meetings with key technical experts in the community. These groups are likely to have access to information that is relevant to the Strategy, and they will, therefore, be invited to review the Baseline and contribute to its completion. They will also be asked to review the guiding principles for the Strategy and comment on how these principles can/should be implemented.

In response to the resolution on March 13, 2017, by the Standing Policy Committee on Environment, Utilities and Corporate Services, at least two working groups are being formed. One will work to develop responses to the specific issues creating pressures on the Northeast Swale as a result of development in surrounding areas as identified by the Swale Watchers. A related initiative will focus on research opportunities that accelerate the development of knowledge about natural areas and systems in partnership with the University of Saskatchewan.

The members of these groups have been identified as having important technical expertise for the Green Infrastructure Strategy. There is an opportunity to invite the members of these groups, along with other specialists within the community, to become a special advisory group for the Green Infrastructure Strategy. The experience gained from development around the Northeast Swale can be used to formulate standards for development around natural areas in general, and to develop guidelines for maintenance in and around natural areas.

### **Public and/or Stakeholder Involvement**

Meewasin is a member of the project team that is working on the Strategy. A workshop with key technical experts in the community is currently being scheduled for December. Project staff are also in the process of reaching out to First Nations and Metis groups to discuss opportunities to bring Indigenous knowledge and values into the Strategy.

Broader engagement with the general public is planned for Phase 2 of the Strategy.

### **Communication Plan**

The Communication Plan for Phase 1 of the Green Infrastructure Strategy has focused primarily on developing materials (a series of poster boards – current drafts shown in Attachment 3, Green Infrastructure Strategy Poster Board) for meetings with the technical experts in the community. A detailed Communications Plan will be implemented during Phase 2 of the project to ensure the general public and other stakeholders are informed about the project and are made aware of the engagement opportunities.

### **Financial Implications**

Funding for Phase 1 of the Strategy is available in Capital Project #2390 – Green Infrastructure Strategy and Capital Project #2263 – Watershed Initiatives. Administration intends to leverage funds in Capital Project #2390 by applying to the Federation of Canadian Municipalities (FCM) for financial support to create development standards and maintenance guidelines for natural areas.

Funding for Phase 2 of the Strategy is currently being developed and a report requesting reallocation of existing capital funds is being prepared for the first quarter of 2018.

**Other Considerations/Implications**

There are no policy, environmental, privacy or CPTED implications or considerations.

**Due Date for Follow-up and/or Project Completion**

Phase 1 of the Strategy is expected to be completed by the first quarter of 2018. A full report on the outcomes of Phase 1 and next steps will be delivered to the Standing Policy Committee on Environment, Utilities, and Corporate Services by the second quarter of 2018.

**Public Notice**

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

**Attachments**

1. Guiding Principles (Draft)
2. Green Infrastructure Baseline
3. Green Infrastructure Strategy Poster Board

**Report Approval**

Written by: Twyla Yobb, Watershed Protection Manager, Environmental & Corporate Initiatives  
Reviewed by: Tyson McShane, Senior Planner, Long Range Planning  
Lesley Anderson, Director of Planning & Development  
Brenda Wallace, Director of Environmental & Corporate Initiatives  
Approved by: Jeff Jorgenson, Acting General Manager, Corporate Performance Department

CP EUCS TY Admin Report – Green Infrastructure Strategy – Update

## Guiding Principles (Draft)

These Guiding Principles outline what the Green Infrastructure Strategy is broadly intended to achieve. They will be used to analyse the performance of existing Green Spaces and inform the future desired state for Green Infrastructure.

### **Ecological Integrity**

- Ecological quality, biodiversity, and connectivity of the network is conserved and enhanced.

### **Equitable & Accountable**

- Green infrastructure is distributed throughout the city to provide access to all residents.

### **High Quality**

- Green spaces are used for their highest and best purpose considering the condition of their infrastructure and amenities, and the value of the functions they provide.

### **Climate Change Adaptation & Mitigation**

- Reducing our impact on the environment to minimize climate change and adapting to changes already occurring.

### **Wellness – Physical & Mental**

- The amount of green space meets community needs and recognizes that access to green space is strongly related to residents' physical and mental wellbeing.

### **Integrated & Multifunctional**

- Green spaces are integrated into a network that serves multiple uses and needs.

### **Education & Awareness**

- The community is aware of educational opportunities and appropriate uses of green space.

### **Recognizable & Unique Places**

- There is a range of green space types and functions, reflecting community identity and needs.

### **Public Safety**

- The ecological network is safe, accessible, and inclusive for all.

### **Resilience – Financial & Environmental**

- Responds to operational requirements, flood resilience, community capacity, and environmental and local needs.

# GREEN INFRASTRUCTURE BASELINE

The proposed framework for classifying green spaces consists of four themes: Governance ● Land Allocation ● Green Network ● Infrastructure/Serviceing

## ① GOVERNANCE

*This theme includes an introduction to the Green Infrastructure Strategy and the policies and initiatives that influence or are impacted by it.*

### Introduction

Purpose: To provide an introduction to the Strategy including the:

- Project purpose;
- Guiding principles;
- Proposed overarching policy statement; and
- Time line for the first phases of the project.

### Policy

Purpose: To provide an overview of current civic policies that guide and support the development of green spaces.

Data Available: Saskatoon civic policies  
Best practice research of other municipalities  
Concurrent and related initiatives

Gaps Identified: Centralized data management  
Comprehensive approach to management of green spaces



*Photo credit: Tourism Saskatoon 2017*

## 2 LAND ALLOCATION

*This theme quantifies the various types of green spaces and identifies their current official designations.*

### **Regional Context**

Purpose: To illustrate the municipal and ecological context of the City.

Data Available: Future urban growth  
Rural land uses  
Green Network study area  
Regional infrastructure  
Regional institutional facilities  
Parks and open space  
Freeways, major roadways, potential interchanges  
Water  
Existing urban municipality  
Corman Park - Saskatoon planning district  
First Nation TLE land holdings  
First Nation reserves  
Areas subject to ongoing study  
Potential expansions

Time Line: The regional project team is targeting 2019 for work on the regional Green Network.

### **Dedicated Public Open Space**

Purpose: To identify open spaces officially designated for public use.

Data Available: Pedestrian priority streets  
Streetscaped areas  
Community gardens  
Off-leash Recreational Areas  
Pathways  
Grasslands  
Wetlands  
Parks  
Special use spaces (includes cemeteries, golf courses)  
Afforestation areas  
Institutional (includes schools and universities)

Gaps Identified: Environmental Reserve designation  
Skating rinks  
Bookable/rentable facilities

### **Provision of Park Space**

Purpose: To illustrate how park space in the city is distributed.

Data Available: Hectares per 1000 people  
Hectares per neighborhood  
Walking catchment

Gaps Identified: In progress



### 3 GREEN NETWORK

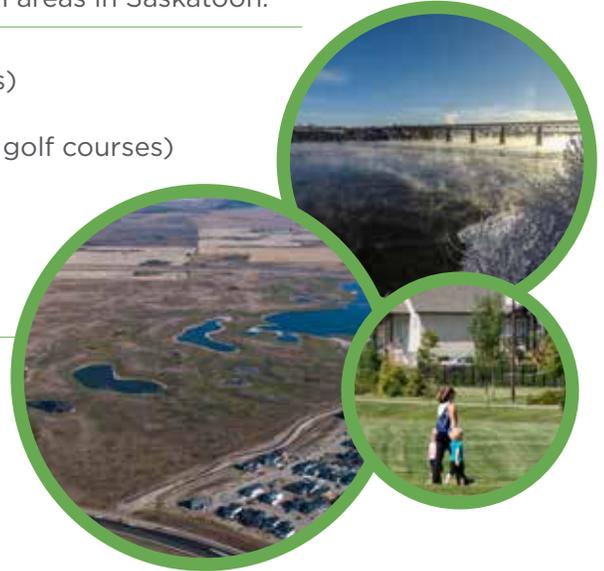
*This theme categorizes the various types and qualities of green spaces and identifies their protections, if any.*

#### Ecology

Purpose: To categorize the various types of natural areas in Saskatoon.

Data Available: Meewasin Conservation Area  
 Water/pond/river (includes riparian areas)  
 Wetlands  
 Special use spaces (includes cemeteries, golf courses)  
 Grasslands  
 Parks  
 Other open spaces  
 Afforestation areas  
 Arable land

Gaps Identified: Irrigated park areas  
 Rare species  
 Remnant aspen stands  
 Species at risk  
 Swale boundaries  
 Wildlife crossings



#### Natural and Cultural Significant Sites

Purpose: To identify sites by type and level of protection.

Data Available: Great Trail (formerly TransCanada)  
 Meewasin Conservation Area  
 Heritage sites  
 Urban forest (publicly managed trees)  
 Landmarks  
 First Nations urban holdings  
 First Nations urban reserves

Gaps Identified: Historical swale boundaries  
 First Nations significant sites  
 Interpretive sites  
 Views and vistas  
 Viewsheds  
 Unregistered historic sites



## Ecological Stressors & Risks

Purpose: To identify risks and stresses on the natural environment and green spaces.

Data Available: River Valley fill sites  
Soil Impacted sites  
Festival sites  
Surface flooding  
Riverbank slumping  
Invasive species - plants  
Invasive species - animals

Gaps Identified: Common dumping sites  
Tree diseases  
Full cut-off street light locations  
Soundscapes



## 4 INFRASTRUCTURE/ SERVICING

*This theme identifies the servicing that green spaces provide.*

### Topic: Storm Water

Purpose: To identify the storm water network in relation to the city's green spaces.

Data Available: Wet ponds  
Dry ponds  
Wetlands  
Recreational use  
Conveyance channels/swales  
Storm outfalls

Gaps Identified: In progress



### Topic: Low Impact Development (LID)

Purpose: To identify locations and types of LID installations in the city.

Data Available: LID guidelines document  
LID installations (includes green roofs, bioswales, etc.)  
Structural soil cells

Gaps Identified: In progress

### Topic: Permeability

Purpose: To identify the degree to which rain water is able to soak into the earth based on land use types.

Data Available: Typical equivalent runoff unit (ERU) by land use  
Infiltration report of city soil types (draft)

Gaps Identified: In progress

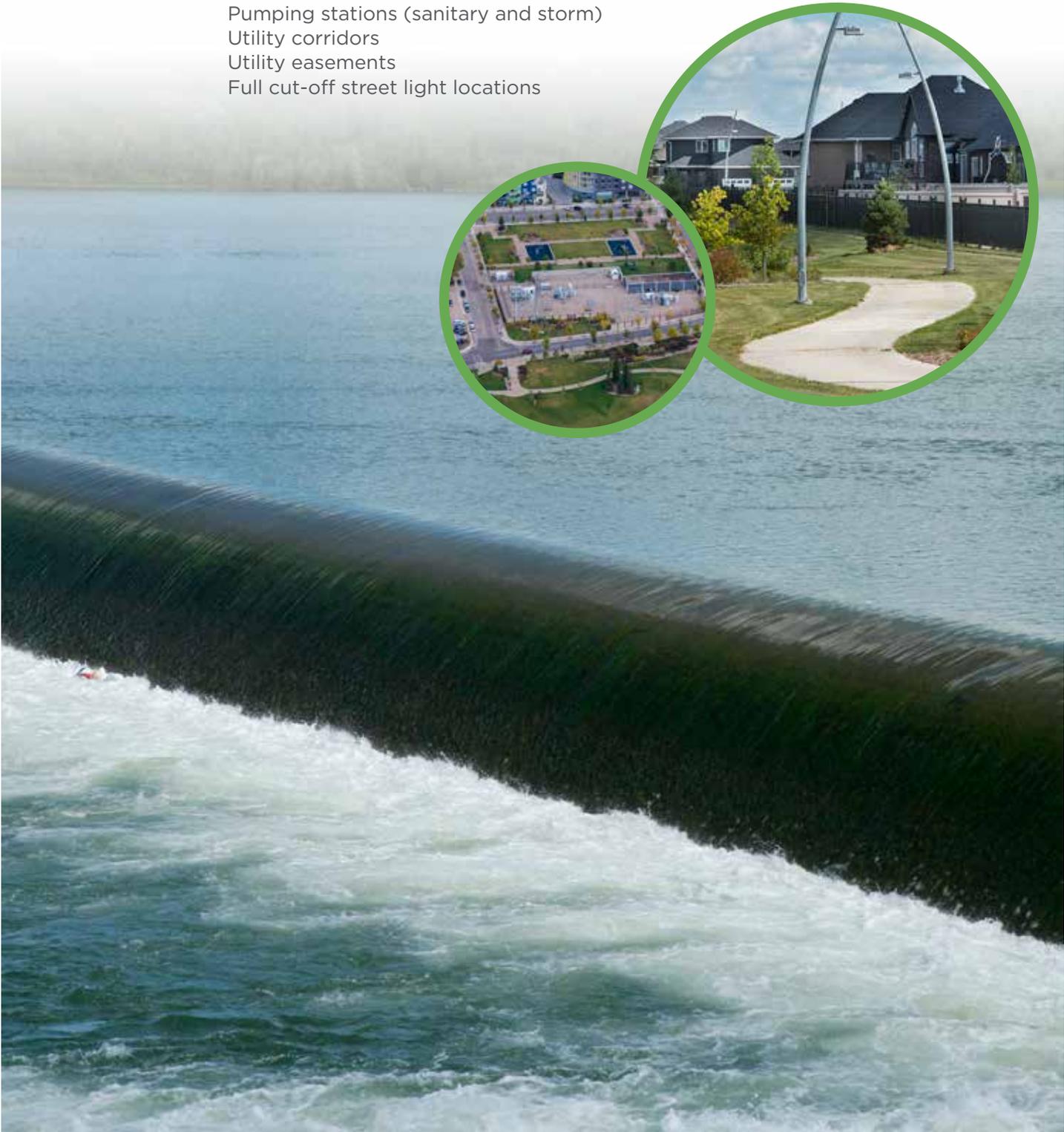


**Topic: Urban Infrastructure in Public Open Space**

Purpose: To identify the locations of utility infrastructure installed in public open space.

Data Available: Utility parcels  
Utility sites (cell towers, red light cameras, etc)  
Street light network

Gaps Identified: Utility substations  
Pumping stations (sanitary and storm)  
Utility corridors  
Utility easements  
Full cut-off street light locations



Introduction

# GREEN INFRASTRUCTURE STRATEGY

This board provides an introduction to the Green Infrastructure Strategy (GIS) including the purpose, overarching policy statement and timeline for the project.

**PURPOSE**

Maintaining a healthy and sustainable city requires that we consider the ways in which we interact with our natural environment, and that we manage our impacts appropriately. This is especially important as the city grows and as we replace old infrastructure and increase density in established areas of the city.

The purpose of the GIS is to develop an integrated approach to planning for and maintaining a sustainable, biodiverse city by considering natural and supporting areas as important infrastructure in our urban environment.

The GIS will:

- Ensure protection of natural and supportive areas as both important infrastructure and part of a valuable ecological system.

- Optimize the existing green network to make the best and most efficient use of the city's existing natural assets.

- Integrate storm water management, natural areas protection and land use planning by balancing ecological and human needs.

- Connect residents to nature and nurture an appreciation for natural assets.

- Conserve biodiversity in ecologically sensitive areas through the identification and conservation of natural areas and by increasing their interconnections.

- Maintain ecologically and culturally important land and aquatic systems.

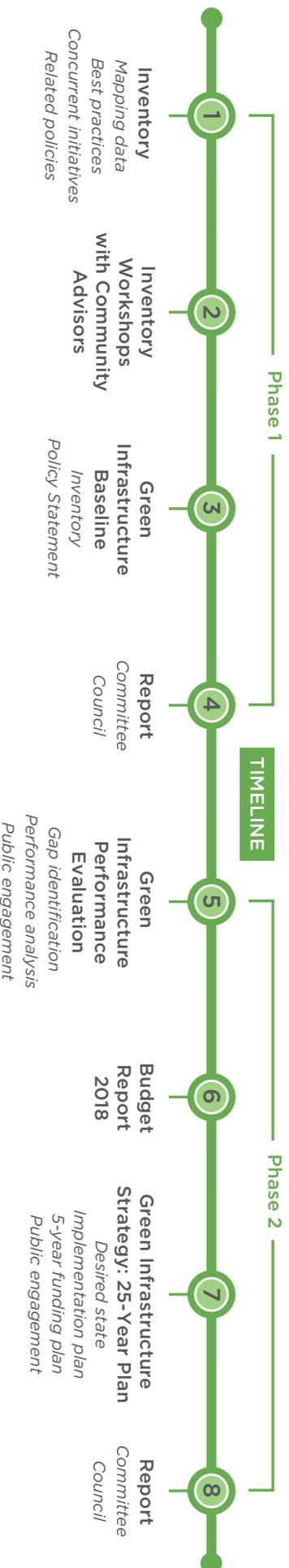
- Assist in the sustainable use of natural resource land and economically important open space.

- Study, define and plan for lands suited for parks, corridors and greenspaces.

**POLICY STATEMENT**

An overarching policy statement that captures the intent of, and provides a framework for, the GIS will be incorporated into Saskatoon's Official Community Plan with the intent to guide future urban development in a way that ensures ecologically sensitive areas are integrated into the urban matrix in such a way that preserves existing ecology and biodiversity. This statement could look something like this:

*The City of Saskatoon supports a sustainable and biodiverse city by integrating natural assets, storm water management, recreational activity and active transportation into a connected, multifunctional, ecological network.*



# GREEN INFRASTRUCTURE STRATEGY

This board continues the introduction to the Green Infrastructure Strategy (GIS) and details the guiding principles for the project.

## GUIDING PRINCIPLES

The Guiding Principles outline what the GIS will strive to achieve. They will be used to analyse the performance of the existing Green Infrastructure Network and help develop strategic directions in Phase 2.

### Ecological Integrity

Ecological quality, biodiversity and connectivity of the network is conserved and enhanced.

### Equitable & Accountable

Green infrastructure is distributed throughout the city to provide access to all residents.

### High Quality

Green spaces are used for their highest and best purpose considering the condition of their infrastructure and amenities, and the value of the functions they provide.

### Climate Change Adaptation & Mitigation

Reducing our impact on the environment to minimize climate change and adapting to changes already occurring.

### Wellness – Physical & Mental

The amount of green space meets community needs and recognizes that access to green space is strongly related to residents' physical and mental wellbeing.

### Integrated & Multifunctional

Green spaces are integrated into a network that serves multiple uses and needs.

### Education & Awareness

The community is aware of educational opportunities and appropriate uses of green spaces.

### Recognizable & Unique Places

There is a range of green space types and functions, reflecting heritage, community identity and needs.

### Public Safety

The ecological network is safe, accessible and inclusive for all.

### Resilience - Financial & Environmental

Responds to operational requirements, flood resiliency, community capacity, and environmental and local needs.

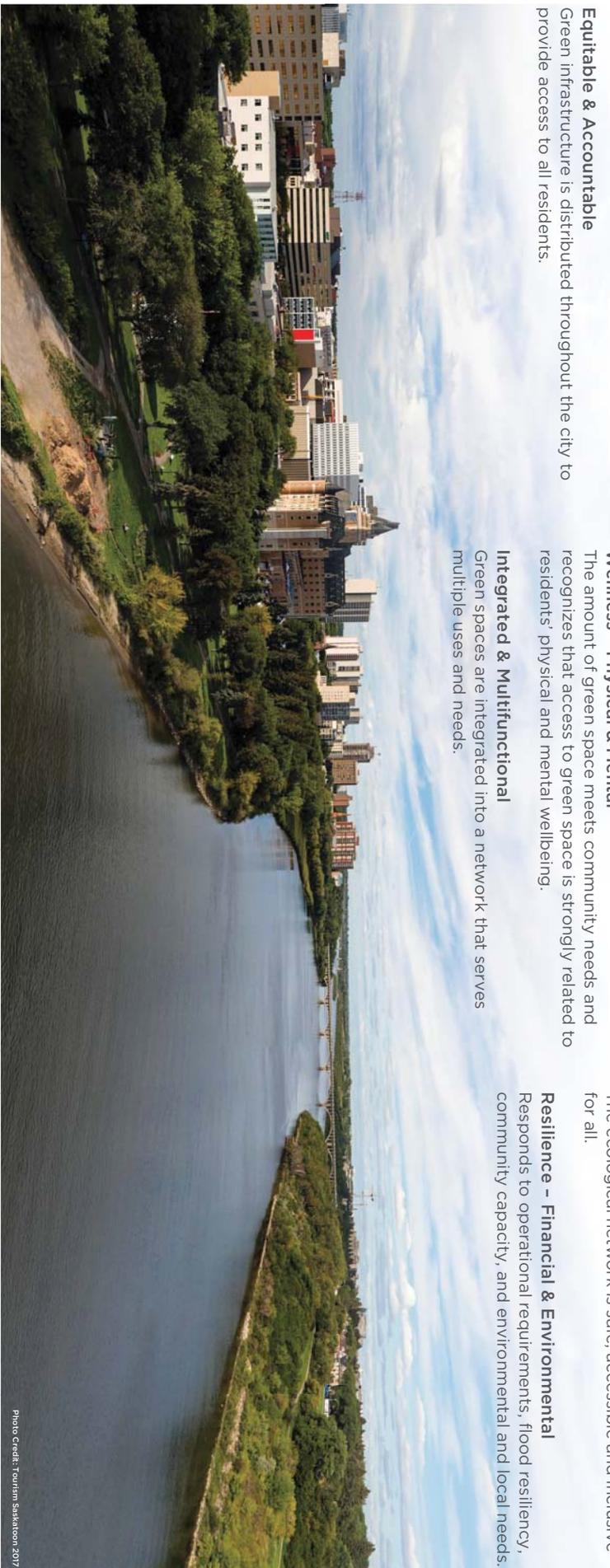


Photo Credit: Tourism Saskatoon 2017

# POLICIES & PLANS

This board summarizes civic and external policies and plans in place that are related to the Green Infrastructure Strategy.

## EXTERNAL POLICIES & PLANS

### Federal

#### Canada Water Act

An Act to provide for the management of the water resources of Canada, including research and the planning and implementation of programs relating to the conservation, development and utilization of water resources.

#### Canadian Environmental Protection Act

An Act respecting pollution prevention and the protection of the environment and human health in order to contribute to sustainable development.

### Provincial

#### Meewasin Valley Authority Act

An Act respecting the establishment of the Meewasin Valley Authority.

#### The Conservation Easements Act

An Act respecting Conservation Easements. A conservation easement may be granted for any of the following purposes:

- b) the protection, enhancement or restoration of natural ecosystems, wildlife habitat or habitat of rare, threatened or endangered species;
- a) the retention of significant botanical, zoological, geological, morphological, historical, archaeological or palaeontological features respecting land; (C) the conservation of soil, air and water quality.

#### The Ecological Reserves Act

Protects unique, natural ecosystems and landscape features through the designation of Crown land as ecological reserves.

#### The Environmental Assessment Act

Provides a practical means to ensure that development proceeds with adequate environmental safeguards and in a manner broadly understood by and acceptable to the public through the integrated assessment of environmental impact.

The Environmental Management and Protection Act, 2010  
Protects the air, land and water resources of the province through regulating and controlling potentially harmful activities and substances.

#### The Management and Reduction of Greenhouses Gases Act\*

An Act respecting the management and reduction of greenhouse gases and adaptation to Climate Change. The Act will establish a provincial greenhouse gas emissions target and promote investments in low-carbon technologies.

\* Assisted fund and not provincially owned

#### Planning and Development Act

The purpose of the Planning and Development Act is to enable municipalities with respect to economic and community development.

#### The Water Appeal Board Act

Establishes the Water Appeal Board and enables the board to hear appeals regarding water, sewage and drainage issues.

#### The Weed Control Act

An Act respecting Prohibited, Noxious and Nuisance Weeds. Sets out Provincial policy to identify and manage prohibited, noxious and nuisance weeds and outlines the requirements for the appointment of weed inspectors and their duties.

### Meewasin

#### Meewasin Valley-wide Resource Management Plan

The 2017-2027 Meewasin Valley-wide Resource Management Plan was developed to identify the conservation targets and the threats to these targets within the Meewasin Valley. As part of the planning process, a detailed series of conservation actions were developed to mitigate these threats and to enhance the viability of the conservation targets. The four conservation targets identified were the South Saskatchewan River Valley, native prairie and wooded areas, wetlands, and the various Swales in the Saskatoon Region. The greatest threats identified for these targets were invasive species, urbanization, agricultural conversion, and loss of natural processes (i.e. grazing and fire).

Photo Credit: Tourism Saskatoon 2008



## CIVIC POLICIES & PLANS

#### Accessibility Action Plan

The key recommendations of the Accessibility Action Plan are to:

- Adopt the Facility Accessible Design Standards and the enhanced service level guidelines for accessibility
- Adopt the priority zones identified when prioritizing accessibility improvements
- Focus efforts on our infrastructure, the snow removal program and public transit.

#### Boulevard Gardening

These guidelines encourage residents to garden on the boulevards adjacent to their homes.

#### Community Allotment and Vacant Lot Gardens

- Community volunteers may form non-profit collectives in order to garden on City-owned property, such as parks.
- Allotment Gardens are garden plots operated by the City of Saskatoon and rented out to individuals to support food security.
- Non-profit community organizations with a significant mandate in food security can apply to use vacant City-owned property for growing food.

#### Culture Plan

The Culture Plan is a strategic document that guides the City's policy and decision making as it identifies priorities to harmonize cultural endeavours, strengthen cultural development, and support the arts.

*Continued on next board >*

# POLICIES & PLANS

This board continues summarizing civic policies and plans in place that are related to the Green Infrastructure Strategy.

## CIVIC POLICIES & PLANS (Continued)

### Energy and Greenhouse Gas Management Plan (2009)

This plan provides a framework to manage greenhouse gas emissions and reduce energy consumption. It is being revised into a new Mitigation Business Plan.

### Environmental Policy (CO2-036)

The Environment Policy states the intentions and objectives in relation to the desired overall performance of the City of Saskatoon towards community sustainability.

### Official Community Plan (OCP)

The OCP has been established in accordance with the provisions of The Planning and Development Act, 2007, as amended. The OCP provides the policy framework to define, direct and evaluate development in the city of Saskatoon, ensuring that development takes place in an orderly and rational manner, balancing the environmental, social and economic needs of the community.

### Park Development Guidelines

These guidelines are to be used in conjunction with the Landscape Design and Development Standards (under development) to help guide future City of Saskatoon Park and Open Space development.

### Parks and Recreation Levy

The purpose of this levy is to accelerate the development of parks and recreation facilities without impairing the City's financial position and to obtain a direct financial contribution from the beneficiaries of parks and recreation facilities in approximate relation to the benefits received (as measured by geographic proximity to the facilities).

### Recreation & Parks Master Plan

The Recreation & Parks Master Plan is intended to guide future decision-making. It provides an overall framework for the development, delivery and continuous improvement of recreation and parks programs, services and facilities.

### Recreational Use of Storm Water Retention Ponds Policy

The purpose of the Recreational Use of Storm Water Retention Ponds Policy is to:

- Provide the public and civic administration with information about services, programs and a list of criteria for recreational uses of all ponds including storm water retention ponds;
- Increase the public's overall awareness and understanding of recreational uses of storm water retention ponds;
- Ensure all ponds including the storm water retention ponds are used in a manner with the least amount of risk.

### Saskatoon Greenhouse Gas Emissions Inventory (2014)

The 2014 Greenhouse Gas Emissions Inventory was completed at the end of 2016 in compliance with the City of Saskatoon's commitment under the Global Covenant of Mayors for Climate & Energy (previously, Compact of Mayors). The inventory supports federal and international reporting standards and provides a representation of Saskatoon's total emissions, as well as emissions by sector. It will support the exploration and development of emissions abatement strategies in the community, as well as efficiencies within civic operations.

### Standard Construction Specifications

The Standard Construction Specifications contains the City of Saskatoon Parks Division's construction specifications and detail drawings for particular sections of work constructed on publicly owned park or park-related lands including, but not limited to, parks, buffers, boulevards and medians.

### Storm Water Management Utility Bylaw

The purposes of this Bylaw are:

- to regulate the collection, transmission, treatment and disposal of storm water;
- to regulate direct and indirect discharges into any part of the storm sewer system;
- to prevent damage to or misuse of any part of the storm sewer system;
- to protect human health and safety and the environment;
- to establish and set terms and guidelines for The City of Saskatoon Storm Water Management Utility; and
- to set charges for all properties benefiting from The City of Saskatoon storm water sewer system.

### Storm Water Management Business Plan & Funding Strategy

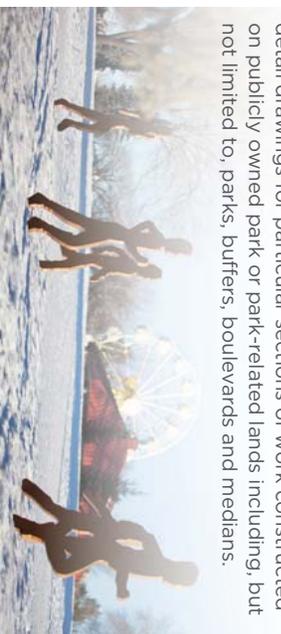
Saskatoon's Storm Water Utility funds storm water management and flood protection services, including ongoing operations and maintenance of assets with an estimated replacement value of \$3.4 billion. The Storm Water Utility's Business Plan describes its goals and objectives, operating environment, key actions and responsibilities, and funding strategy.

### Strategic Plan 2013-2023

The City of Saskatoon Strategic Plan outlines seven strategic goals. Each goal has 10-Year Strategies and 4-Year Priorities; these represent the "how-to" component of operationalizing the vision. Implementation strategies will be developed through the annual Corporate Business Plan and Budget process, and the City will continue to monitor performance as we bring Saskatoon's collective community vision to life.

### Wetland Policy

The purpose of the Wetland Policy is to implement the Official Community Plan Bylaw No. 8769 concerning wetlands conservation and management, as well as to provide guidance to landowners, developers and civic staff on achieving responsible integration of wetlands into the urban environment.



2013/10/16 10:00 AM COURTESY: P. HARRIS

# CONCURRENT INITIATIVES

This board summarizes projects that are in progress related to the Green Infrastructure Strategy.

## ACTIVE TRANSPORTATION PLAN

In June 2016, City Council approved Saskatoon's first Active Transportation Plan. This plan will help provide more choices for moving around the city by addressing infrastructure needs for cycling, walking and other modes of active transportation. City Administration is currently developing a five-year action plan (2017-21) to guide implementation.

## BUILDING POLICY

A sustainability policy for the construction of new buildings or major renovations, which will include minimum requirements. Potential requirements include LEED certification levels, energy intensity targets, commissioning, recycling, pollution prevention, social impacts, etc. Consultation on the content of the policy is underway.

## CLIMATE ADAPTATION STRATEGY

Saskatoon is preparing itself to face impacts (and mitigate risks) to key infrastructure and assets that may be brought on by a variety of extreme weather scenarios as a result of climate change.

## CORPORATE ASSET MANAGEMENT STRATEGY

The City received grant funding from the federal government through the Climate and Asset Management Network to create an asset management policy, strategy and governance structure within the corporation. The process requires a cross-departmental project team, which includes an Engineering Manager, Finance Support Manager and Environmental Accounting Manager.

## LANDSCAPE DEVELOPMENT & DESIGN STANDARDS (LDDDS)

The LDDDS will provide environmental and economically sustainable landscape design standards for new parks, open space, and upgrades to existing parks. It will also set out a well-defined approval process for those involved in park and open space development. The LDDDS will enhance our ability to provide resilient parks and open space that are operationally sustainable, environmentally responsible, and require less frequent capital replacement.

## LOW IMPACT DEVELOPMENT DESIGN GUIDE FOR SASKATOON

This guide will provide property owners and developers with a selection of low impact development techniques that will work in Saskatoon's climate. These methods can be used to reduce runoff volume, improve runoff water quality, and delay peak runoff flows from entering the storm water system during high flow times.

## NATURAL AREAS STANDARDS

The Natural Areas Standards will guide how natural areas are integrated into new developments; will determine how development adjacent to natural areas occurs; and will provide criteria for their management.

## NATURAL CAPITAL ASSET VALUATION (NCA)

The City is currently undergoing a process of inventorying and valuing Saskatoon's natural assets. The NCA valuation will provide a financial value to the benefits that green infrastructure provides to the community. It will be applied to all green infrastructure such as trees, pathways, wetlands, riverside areas, ecologically significant areas, grassy areas and others. The process will help the City to:

- manage maintenance of green infrastructure;
- engage in life-cycle planning;
- identify risks and funding requirements for green spaces;
- identify green infrastructure options as alternatives to built infrastructure;
- strategize future development; and,
- recognize a triple bottom line approach to municipal planning and operations.

## PLAN FOR GROWTH

In April 2016, Saskatoon City Council adopted 'in principle' the Growth Plan to Half a Million. This directional document is made up of several themes that when pieced together, form a new growth model for Saskatoon. These themes include, Corridor Growth, Transit, Core Area Bridges, Employment Areas, Active Transportation and Financing Growth. The City is currently developing plans to start implementing the direction provided in the Growth Plan to Half a Million, starting with a re-envisioned transit system based around Bus Rapid Transit (BRT) and infill at strategic locations in the city including downtown, the university endowment lands and along major transportation corridors.

## SASKATOON NORTH PARTNERSHIP FOR GROWTH (P4G)

The P4G is a collaborative which includes political and administrative representation from the following partnering municipalities: City of Saskatoon, Rural Municipality of Corman Park, City of Martensville, Town of Osler and the City of Warman, with the Saskatoon Regional Economic Development Authority in an advisory role. The P4G will establish a coordinated approach to matters related to the physical, social, and economic circumstances of the Saskatoon region that may affect the development of the region as a whole, such as land use, transportation, utilities, services and finances. It will also establish greater certainty and protection for important environmental and cultural heritage assets in the region that are important to consider from a sustainability and climate adaptation perspective.

## THE WINTER CITY STRATEGY

The Winter City Strategy is an intentional effort by the City and community stakeholders to celebrate what makes Saskatoon unique as a four-season place that is inviting, vibrant and prosperous, even in the coldest months of the year. The goals for a Winter City Strategy are to improve broader community accessibility, inclusion, activity and energy, and lead to greater economic vitality (particularly within service, accommodation and retail sectors) as the opportunities of winter are realized and the challenges mitigated.

# RESEARCH

**This board provides a summary of what other Canadian cities are doing to protect natural areas and preserve/increase biodiversity.**

## CALGARY “OUR BIODIVERSE CITY” – *Our BiodiverCity*

- Calgary’s 10-year biodiversity strategic plan - is based on principles for the protection, development and management of Calgary parks and ecosystems in support of biodiversity. Our BiodiverCity aims to provide a framework for City staff to foster more resilient, biologically diverse open space and neighbourhoods that support positive outcomes for Calgarians, visitors, wildlife and plant communities.

This plan builds on the *City of Calgary Biodiversity Report 2014*. Our BiodiverCity introduces biodiversity by aligning it with nature, discusses pressures on biodiversity and outlines Calgary’s current responses to these pressures. This document culminates in a strategic plan, developed for those who will implement the plan and hold the City accountable.

## EDMONTON “BREATHE” – *BREATHE* is a transformative

Green Network Strategy to make sure that each neighbourhood in Edmonton will be supported by an accessible network of open space as the city grows. *BREATHE* builds on the *Urban Parks Management Plan* and the *Natural Connections Strategic Plan*, and aligns with the goals identified in the City’s strategic planning documents (*The Ways*).

## HALIFAX GREEN NETWORK PLAN (DRAFT)

The *Halifax Green Network Plan (HGNP)* (draft) will define an interconnected open space system, highlight ecosystem functions and benefits, and outline strategies to manage open space. Specifically, the HGNP will propose land management and community design directions to:

- Maintain ecologically and culturally important land and aquatic systems
- Assist in the sustainable use of natural resource land and economically important open space
- Study, define and plan for lands suited for parks, corridors and green spaces

## MARKHAM NATURAL HERITAGE INTERFACE

**GUIDELINES (DRAFT)** – The City of Markham’s *Official Community Plan 2014* (not yet in force) provides the

framework for sustainable development and protection of the Greenway System through comprehensive urban design policies to direct the physical layout and design of new communities and the public realm.

The purpose of the *Natural Heritage Interface Guidelines* (draft) is to provide guidance on the design of urban built form and infrastructure which interface with the City’s Greenway System.

## OTTAWA GREENSPACE MASTER PLAN (2006)

The purpose of the *GreenSpace Master Plan - Strategies for Ottawa’s Urban Greenspaces* is to express Council’s vision for green space in the urban area and set policies for how this vision can be pursued over the next three years and beyond.

An Urban Greenspace Network is the focal point of Council’s greenspace vision. Building on the land inventory, the Urban Greenspace Network is a continuum of natural lands and open space and leisure lands that in time could connect every home in Ottawa to a larger network of green space that spans the urban area. Much of this network now exists but many key linkages and features are yet to be secured.

Several ongoing initiatives will potentially help build the Urban Greenspace Network and add to the city’s greenspace lands. These include an evaluation of all natural areas remaining in the urban area (completed in 2006) that will serve as a basis for a strategy to secure the priority sites through acquisition and other means. Also, a shortfall in large sports fields has been identified through past studies and a strategy has been developed to create more sites through partnerships.

## SURREY “BIODIVERSITY CONSERVATION

**STRATEGY” (2014)** – *Surrey’s Biodiversity Conservation Strategy (BCS)* recognizes biodiversity as a key foundation of a healthy, livable and sustainable community. Preserving nature (including plants, wildlife, and ecological values and functions) provides many benefits: clean air and water, improved health and livability, reduced infrastructure, and aesthetic and recreational value.

The goal of the BCS is to preserve Surrey’s biodiversity over the long term. As part of this process, stakeholders and the public assisted the City and consulting staff to identify important places, values, and challenges for biodiversity. This information was used to help evaluate the current state of biodiversity, prioritize options for conservation, and develop appropriate management strategies and policies.

**SUSTAINABLE MONTREAL 2016-2020** – *Sustainable Montréal 2016-2020* is the third community sustainable development plan.

This plan recognizes the collective work accomplished during the last decade to make Montréal a sustainable city. It presents the challenges and priorities on which the city must, together, concentrate efforts to move along the path toward sustainability.

The plan offers 20 actions to be completed by Montréal organizations by 2020, including many by the municipal administration, as well as major land development projects and new collaborative spaces. The purpose is to mobilize the community, more than ever before, in order to work together to build a sustainable city.

## VANCOUVER “RAINWATER MANAGEMENT/ GREEN INFRASTRUCTURE STRATEGY” (2016)

Vancouver’s *City-wide Integrated Rainwater Management Plan* recommends how and why green infrastructure tools should be implemented throughout the city in order to protect and improve the city’s environment, its biodiversity, and urban livability; while helping adapt to local impacts of climate change.

- Plans include:
- Regulate rainwater on private property
  - Capture and treat rainwater on streets
  - Enhance rainwater management in green spaces
  - Establish a resource and funding strategy

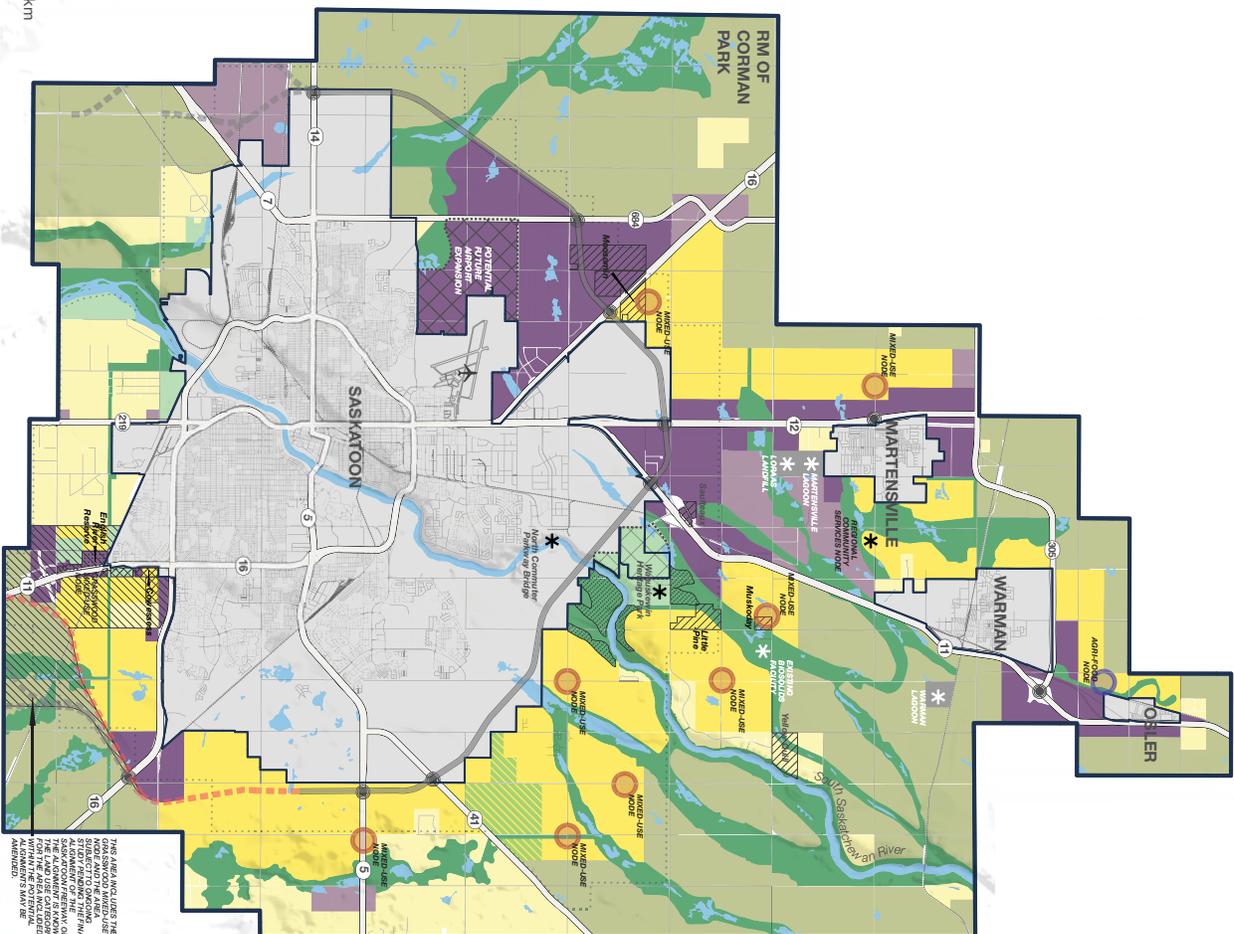
# REGIONAL CONTEXT

This board illustrates the connections between Saskatoon and adjacent areas in the surrounding region.

## SASKATOON NORTH PARTNERSHIP FOR GROWTH REGIONAL LAND USE MAP



SASKATOON NORTH  
PARTNERSHIP FOR GROWTH  
REGIONAL PLAN



THIS IS NOT A FINAL LAND USE PLAN. THE DRAFT REGIONAL LAND USE MAP IS SUBJECT TO CHANGE AS A RESULT OF THE FINAL SASKATOON NORTH PARTNERSHIP FOR GROWTH REGIONAL PLAN. THE FINAL LAND USE ZONING WILL BE DETERMINED BY THE REGIONAL AMENITY.

# DEDICATED OPEN SPACE

This board shows open spaces designated for public use.



**SPECIAL USE AREA**  
Includes areas such as cemeteries, golf courses and dog parks.



**PARK**  
City-owned open spaces typically used for active and passive recreation.

Photo credit: Tourism Saskatoon 2017



**PATHWAY**  
Infrastructure provided for active transportation such as walking and biking.

Photo credit: Tourism Saskatoon 2019



**COMMUNITY GARDEN**  
Plots of land available for community food production.



**STREETSCAPED AREA**  
Streets with enhanced level of amenities.

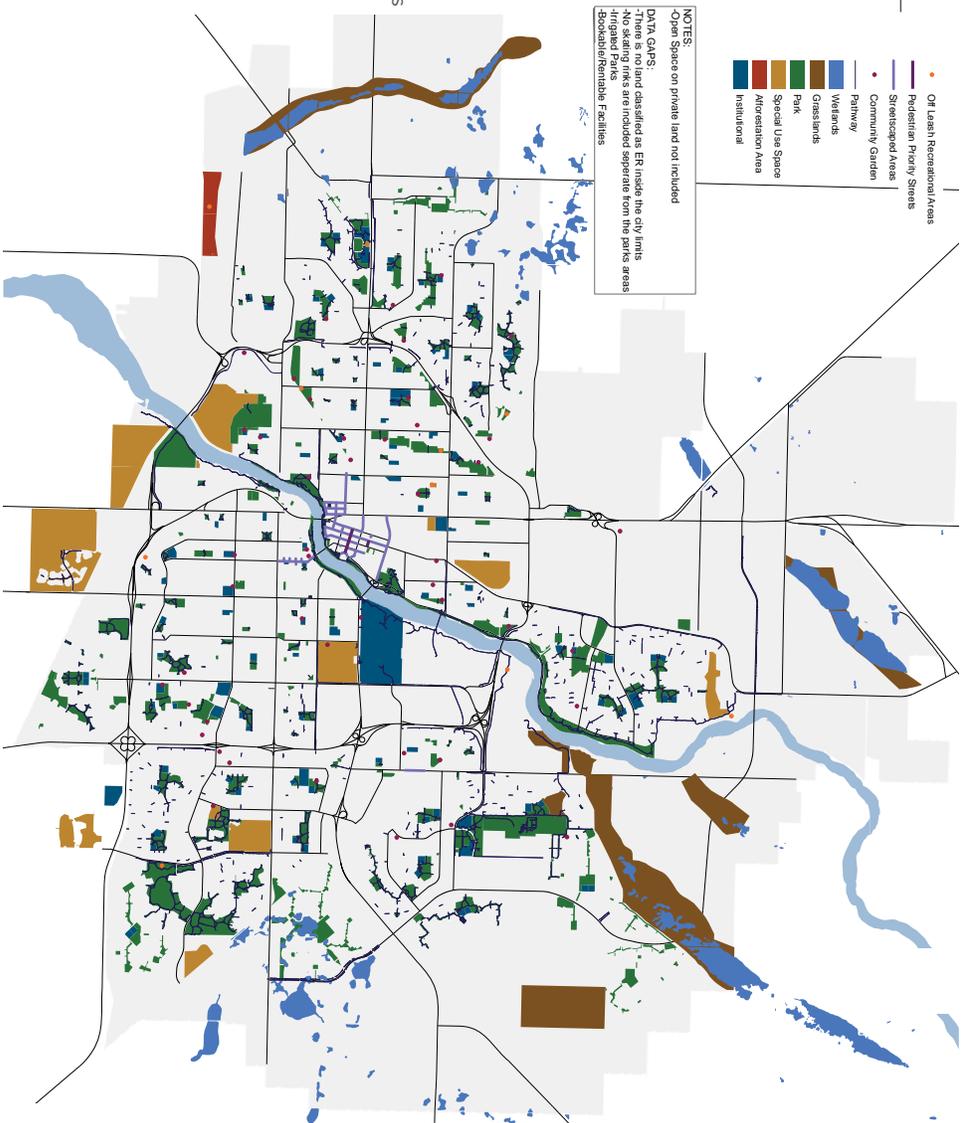


**PEDESTRIAN PRIORITY STREET**  
Streets where jaywalking is permitted.



**INSTITUTIONAL**  
Publicly accessible sites for research and educational purposes.

Photo credit: Tourism Saskatoon



**ENVIRONMENTAL RESERVE (ER)**  
A parcel of land provided without compensation, as required under *The Planning and Development Act, 2007*, that may be used as a public park or for any other use that the Minister may, by regulation, specify, but; if it is not used for those purposes, the environmental reserve must be managed to maintain the site in its natural state.

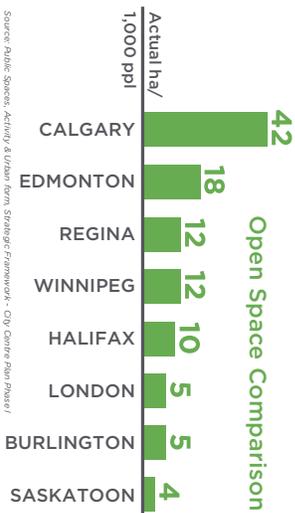
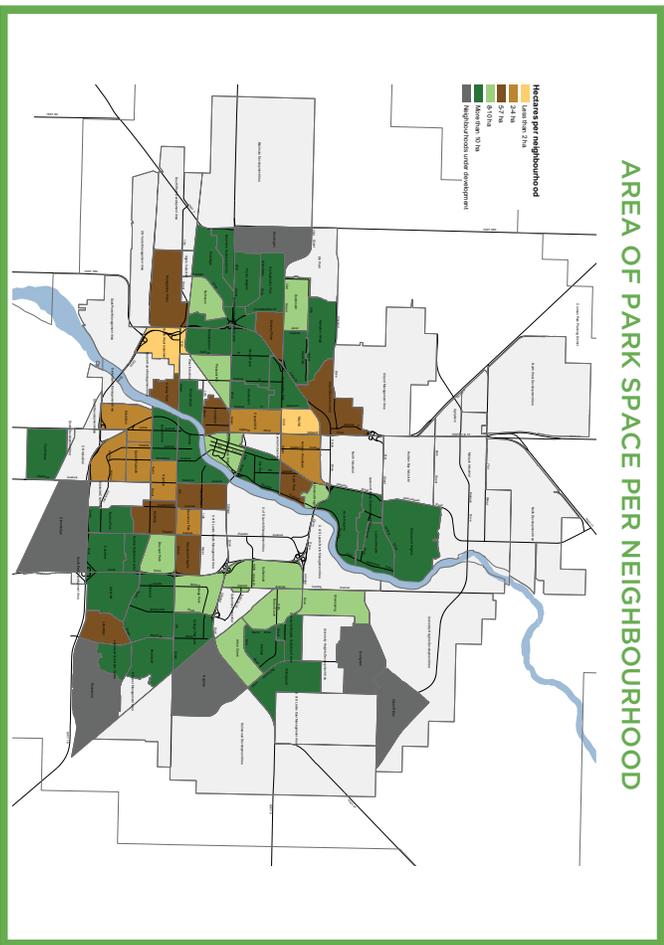
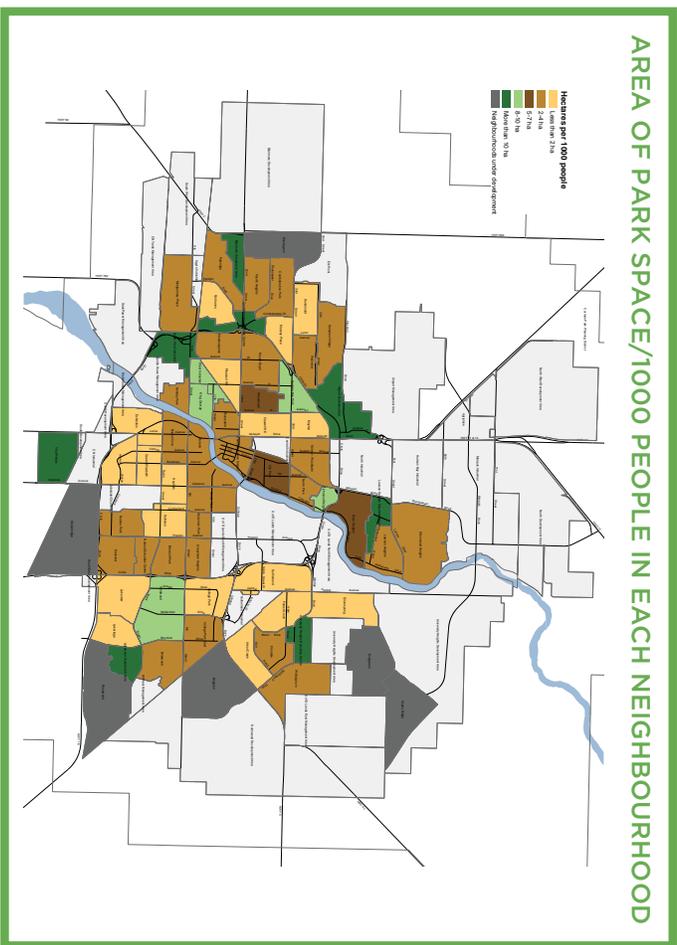
**Fact** There is currently no designated ER within Saskatoon city limits.

**MUNICIPAL RESERVE (MR)** A parcel of land provided without compensation, as required under *The Planning and Development Act, 2007*, to be used primarily for public recreation. The land may also be used for other purposes described within the Act and any additional uses that may be specified in the Official Community Plan.

**Fact** 10% of residential neighbourhood areas are dedicated as MR.

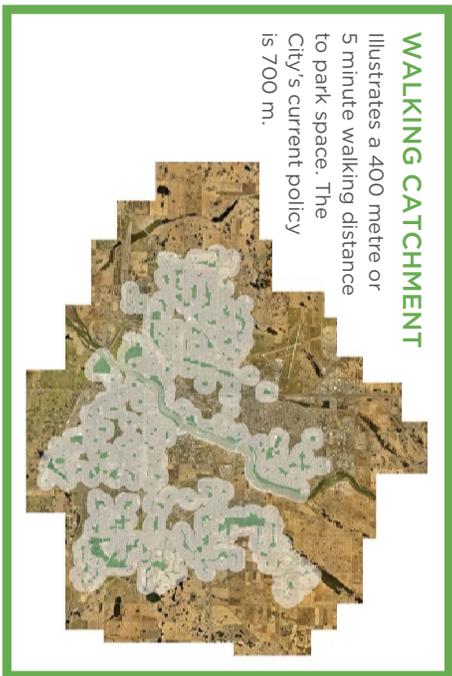
# PROVISION OF PARK SPACE

This board shows how park space in the city is distributed.



**Fact** Over-dedication of land is the dedication of more land into park space than is legally required. This City's Park Development Guidelines allow over-dedication of land under the following circumstances:

- a) the developer agrees to pay the entire cost of developing over-dedicated lands; and
- b) the developer agrees to pay into a reserve fund for the annual maintenance costs of the over-dedicated land for a period of at least 15 years.



**4.5%** of land in Saskatoon is dedicated park.

Source: Public Spaces, Activity & Urban Form, Strategic Framework - City Centre Plan Phase 1

# ECOLOGY

This board categorizes the various types of natural areas in Saskatoon.



**MEEWASIN CONSERVATION AREA** Boundary of Meewasin Valley Authority's jurisdiction

*Fact Meewasin jurisdiction has lost 29% of habitat over the past 15 years.*  
Source: Meewasin Valley-wide Resource Management Plan

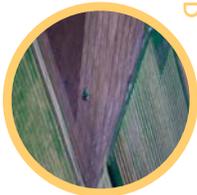
**GRASSLAND** Areas dominated by native grasses.

*Fact Native Grasslands support rare species of plants and birds and ecosystem functions and provide important connectivity to wide-ranging mammals and migrating birds. There are less than 20% grasslands left in Saskatchewan.*

Source: Meewasin Valley-wide Resource Management Plan



**ARABLE LAND** Lands currently used for agricultural purposes.



**AFFORESTATION AREA** Areas where a forest was established where there was no previous tree cover.

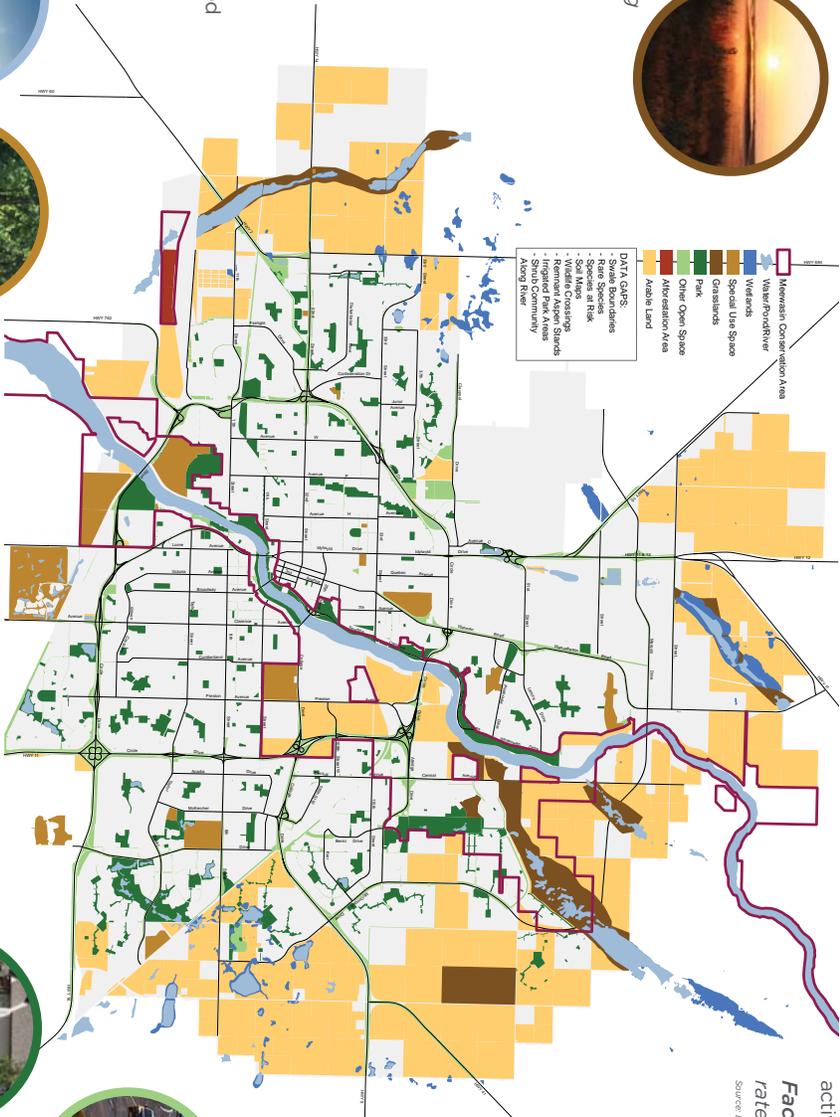


**WATER/POND/RIVER** Permanent water bodies.



**SPECIAL USE AREA** Open spaces such as cemeteries, golf courses and campgrounds.

**PARK** City-owned open spaces typically used for active and passive recreation.



**WETLAND** Lands having water at, near or above the land surface or land that is saturated with water long enough to promote wetland or aquatic processes as indicated by poorly drained soils, aquatic vegetation and various kinds of biological activity that are adapted to a wet environment.

*Fact Wetlands in Saskatchewan are lost at a rate of 11.3 ha/day.*  
Source: Ducks Unlimited Canada



**SWALE** Post-glacial channel scars (swales) are a mixture of native prairie and wetland that have resulted from the scouring of glacial drainage. Post-glacial channel scars are defined by the deposition of glacial till resulting in rocky ridges and a high water table producing wet depressions in the landscape.

Source: Meewasin Valley-wide Resource Management Plan 2017-2027



**OTHER OPEN SPACE** Variety of green spaces along road rights-of-way such as buffers, berms and centre medians.

# NATURAL & CULTURAL SIGNIFICANT SITES

This board shows natural and cultural significant sites by type and level of protection.

**MEEWASIN CONSERVATION AREA (MCA)** A portion of the South Saskatchewan River Valley which is conserved by the Meewasin Valley Authority through development controls, education programs and restoration work.

**GREAT TRAIL** Formerly known as the Trans Canada Trail, a network of recreational trails intended to connect across Canada.

**URBAN FOREST** Publicly managed trees.

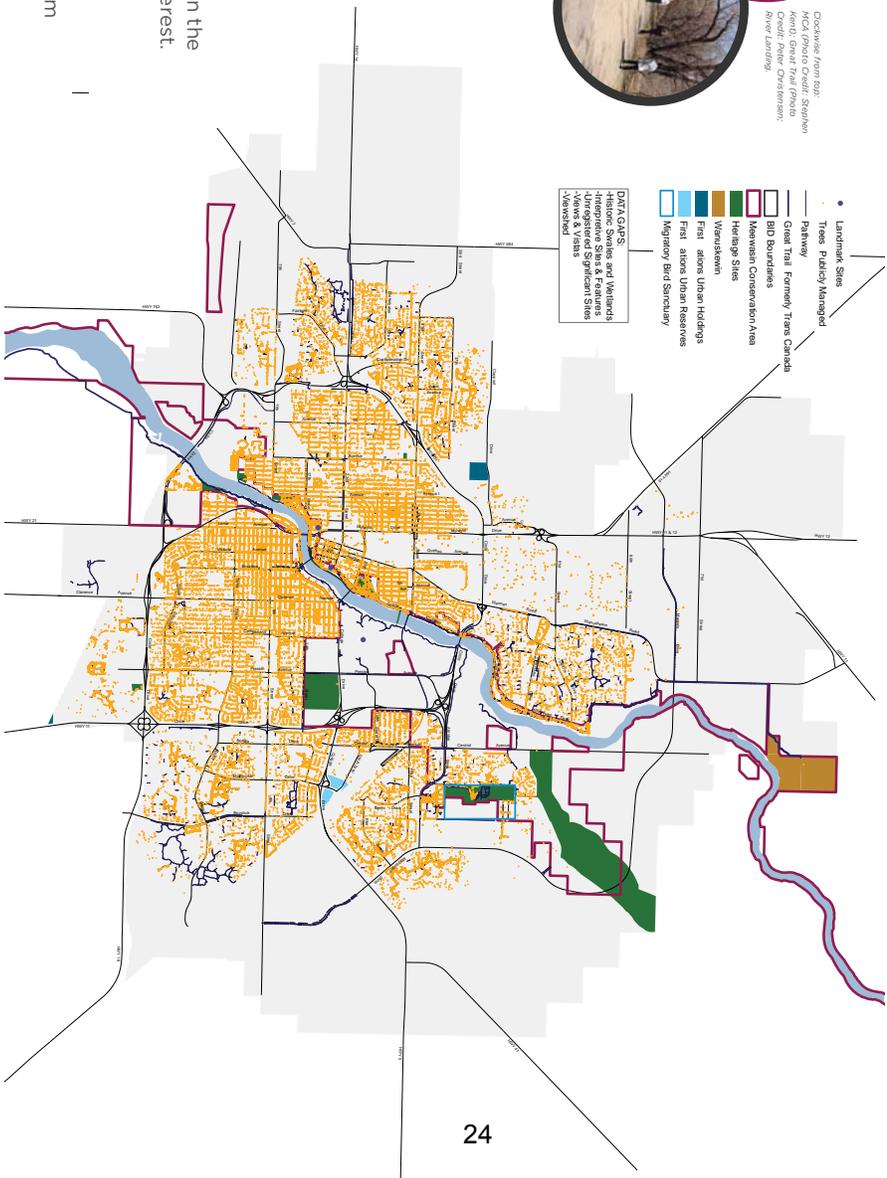
**LANDMARKS** Prominent and identifiable open spaces in the city. These include:

- Broadway District • Carneco Meewasin Skating Rink
- Downtown District • Farmer's Market • Meewasin Valley Trail
- Saskatoon Forestry Farm Park & Zoo • River Landing
- PotashCorp Playland at Kinsmen Park • Riversdale District
- South Saskatchewan River • Sutherland District • 33rd Street District
- University of Saskatchewan • Wanuskewin Heritage Park

**HERITAGE SITE (GREEN SPACE)** An official listing of green space that is on the City's Heritage Registry and identified as having significant heritage value or interest.

- Ashworth Holmes Park • Bowerman House • City Gardeners Site
- City Greenhouses • Saskatoon Forestry Farm Park & Zoo • Kinsmen Park
- Fred Mitchell Memorial Gardens • Kiwanis Memorial Park • Moose Jaw Trail
- Next of Kin Memorial Avenue • Northeast Swale • Patterson Garden Arboretum
- Pioneer Nutana Cemetary • Victoria Park • Weir

**URBAN RESERVE** Land that has been purchased by a First Nation under the terms of the Treaty Land Entitlement Framework Agreement that has been designated Reserve by the Federal Government. Once designation occurs, jurisdiction passes from the municipality to the First Nation.



**Fact** The Sutherland Migratory Bird Sanctuary was established in 1924 and is now part of the western half of the Saskatoon Forestry Farm Park & Zoo, where two artificial ponds are maintained for a variety of native and exotic birds and waterfowl. The northeast portion of the MBS is now part the Evergreen neighbourhood and the eastern portion is AgCanada land.

**URBAN LAND HOLDINGS** Land that has been purchased by a First Nation under the terms of the Treaty Land Entitlement Framework Agreement but has not yet been designated Reserve status by the Federal Government. Jurisdiction remains with the municipality until the First Nation initiates the designation process and it is approved by the Federal Government.

# NATURAL & CULTURAL SIGNIFICANT SITES

This board continues the category descriptions for natural and cultural significant sites.



◀ **VIEWS** Notable and attractive scenery.

**VISTA** A long or distant view. *(Main photo)*

◀ **VIEWSHED** A viewshed is the geographical area that is visible from a location. It includes all surrounding points that are in line-of-sight with that location and excludes points that are beyond the horizon or obstructed by terrain and other features (e.g., buildings, trees).

◀ **INTERPRETIVE FEATURES** Elements that communicate the value or significance of a site, landmark or other attributes.

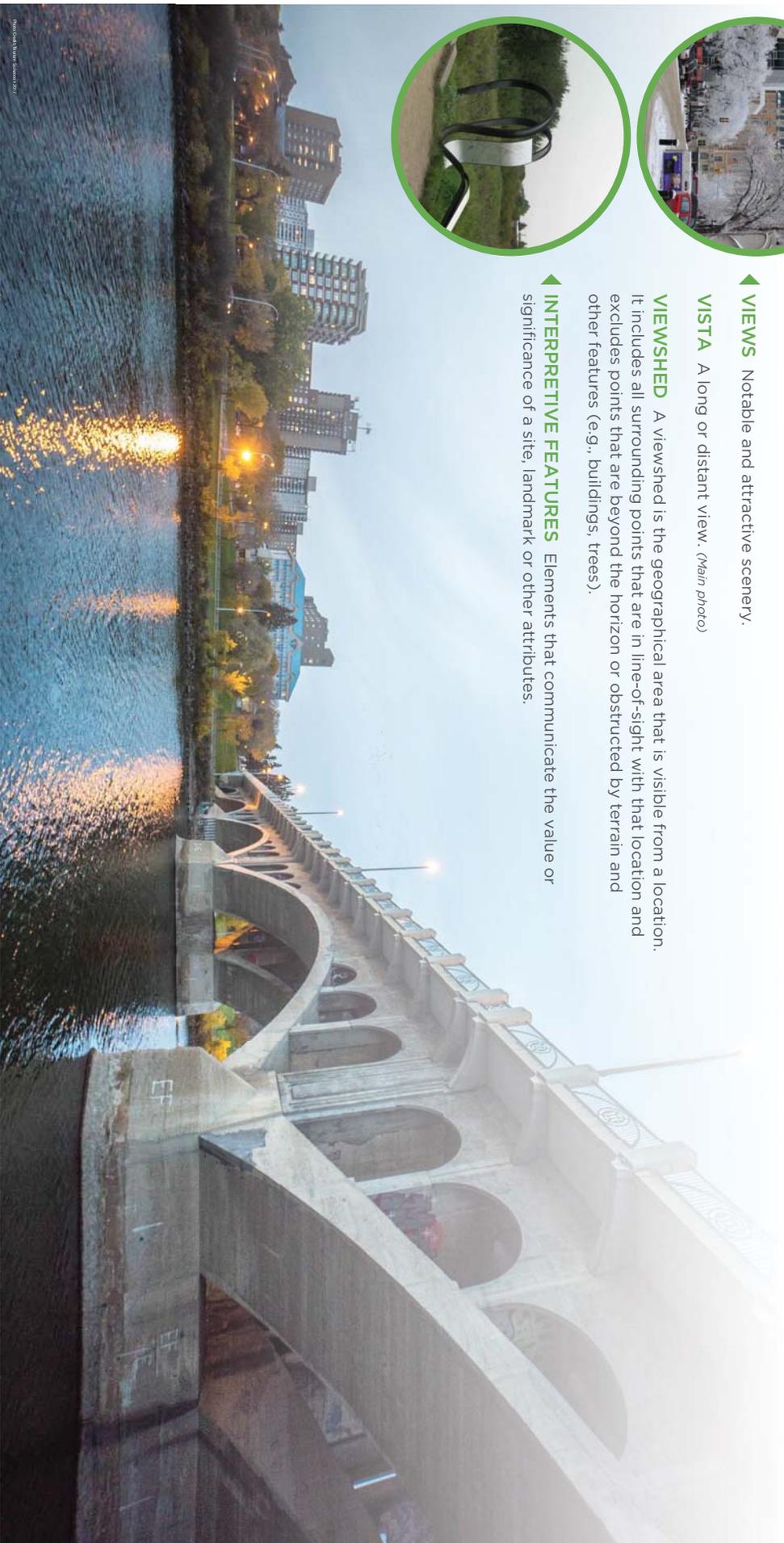


Photo: Gary Simpson, Shutterstock

# STRESSES

This board shows stresses on our natural environment and greenspaces.

*Invasive species are not native to a specific location; are accidentally or intentionally introduced; have a tendency to spread; and may cause damage to the environment, economy or human health. Invasive species can include plants, animals, insects, invertebrates, fungi, bacteria and diseases.*

## SIGNIFICANT INVASIVE SPECIES IN THE REGION

Wild Boar • European Buckthorn • Dutch Elm Disease  
 Purple Loosestrife • Leaky Spurge with BioControl Beetles  
 Scentsless Camomile • Common Tansy • Ox-eye Daisy  
 Absinthe • Smooth Brome • Wild Parsnip  
 Crested Wheatgrass • Cottony Ash Psyllid • Koi • Goldfish

## NEW AND EMERGING INVASIVE SPECIES\*

Zebra Mussels • Quagga Mussels • Prussian Carp  
 Emerald Ash Borer • Diffuse Knapweed • Russian Knapweed  
 Flowering Rush • Downy Brome  
 \* Threats found outside the region but spreading toward the region.

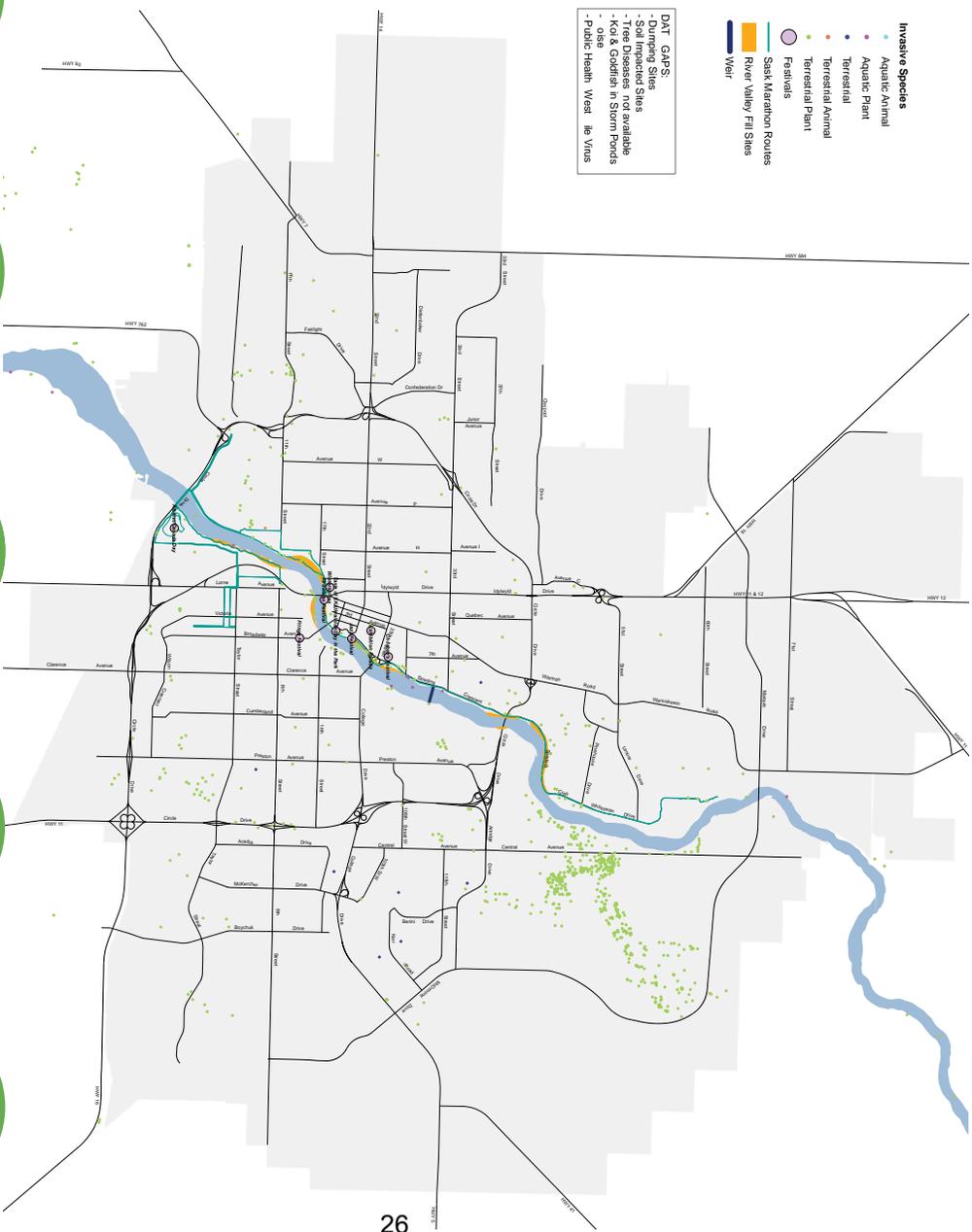
## OTHER STRESSES

**Flooding:** Overland storm water runoff during spring thaw and rain events that exceeds storm sewer and/or infiltration capacity.

**Wildfire:** Unplanned fires.

**Festivals:** Large human gatherings put pressure on green space land cover.

**Urban Growth:** Urban expansion is encroaching on natural areas.



European Buckthorn



Dutch Elm Disease



Purple Loosestrife



Leaky Spurge with BioControl Beetles



Wildfire



Cottony Ash Psyllid



Goldfish

# STORM WATER

This board shows the infrastructure currently in place to manage storm water in Saskatoon.

Storm water runoff includes rainwater and snowmelt that flows across the land and enters a network of storm water infrastructure in Saskatoon, including pipes, culverts, ditches, outfalls, manholes, catch basins wet ponds, wetlands, dry ponds and drainage swales.



**WET PONDS** Storm water retention ponds that provide both retention and treatment of storm water runoff. A wet pond has a permanent pool of water.

**Fact** Many of the City's storm water ponds are used for recreational purposes. All users of the ponds, whether during the summer or winter, do so at their own risk. Activities such as skating, broomball and hockey are permitted during the winter and non-motorized boating (i.e. paddle boats and canoes) is permitted during the summer.

**DRY PONDS** Storm water detention ponds that drain completely between storms. Dry ponds control peak flows of runoff, help improve water quality and lessen the effects of erosion.

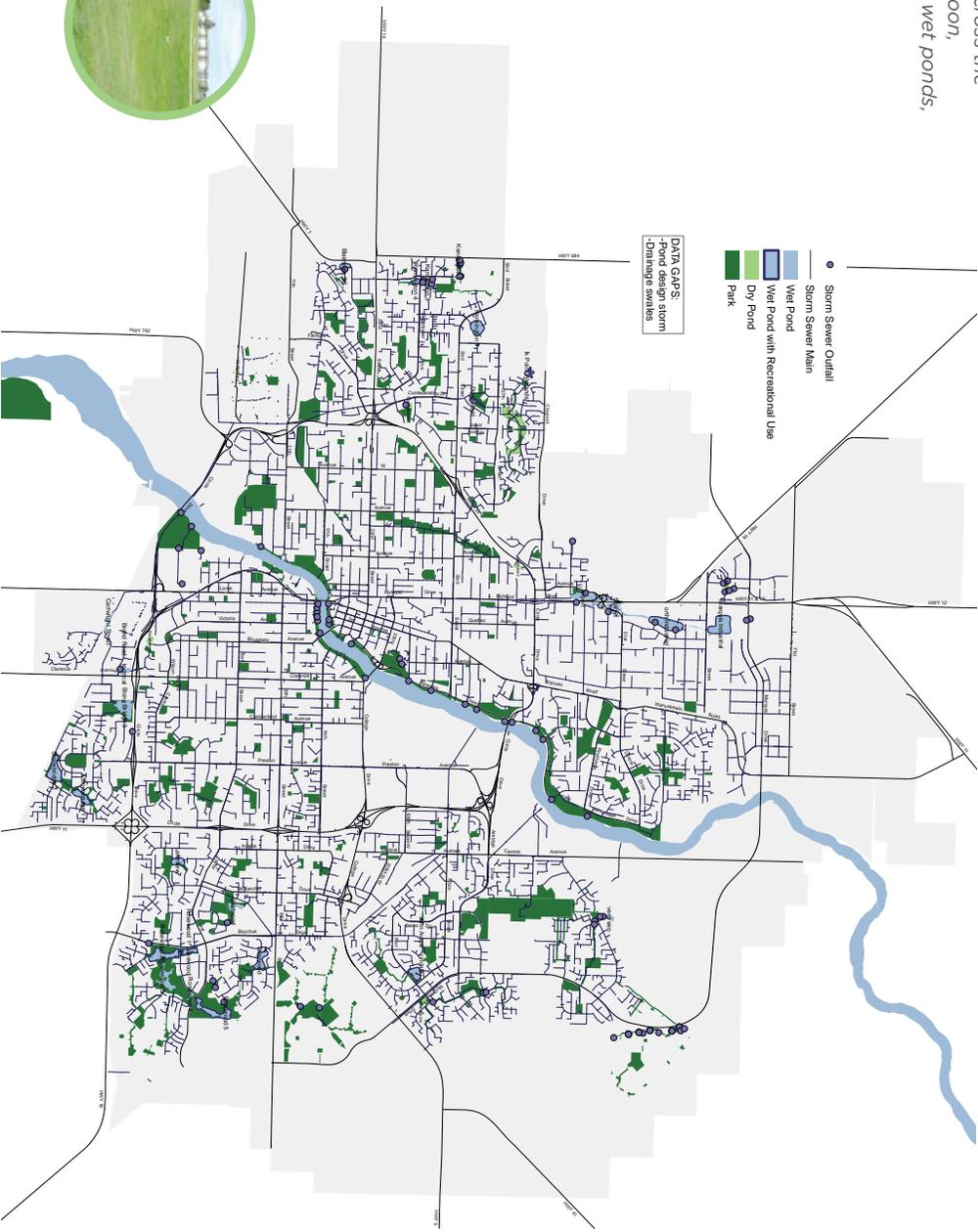
**Fact** The Design Storm defines the amount of rainfall runoff a pond is designed to hold. Most ponds hold the one in 100 year storm, which is modelled using a storm recorded on June 24, 1983 in which 96.5 mm of rain fell over 7 hours.



**STORM SEWER OUTFALL**  
Point where a pipe discharges to the river or other body of water.



**STORM SEWER MAIN**  
Main sewers are collectors for numerous lateral and branch sewers from an area of several hundred acres or a specific neighborhood or housing development. They convey the wastewater to larger trunk sewer lines.



# STORM WATER

This board defines components of the storm water network.

## GREY INFRASTRUCTURE NETWORK

System of pipes, drains, ditches and detention ponds engineered by people to manage storm water.

### Storm Sewer Main Network

#### Lateral & Branch

Lateral & branch sewers are the upper ends of the municipal sewer system. Laterals dead-end at their upstream end with branch sewers collecting the wastewater from several lateral sewer lines. The minimum size for a storm lateral is 300 mm diameter.



#### Main

Main sewers are collectors for numerous lateral and branch sewers from an area of several hundred acres or a specific neighborhood or housing development. They convey the wastewater to larger trunk sewer lines.

#### Trunk

Trunk sewers serve as the main arteries of the collection system. They collect and convey the wastewater from numerous main sewer lines. The minimum size to be considered a storm trunk is 1350 mm diameter.

#### Culvert

A pipe which connects channels through an obstacle, such as a road, that blocks the channel. Culverts are often corrugated steel, but may also be concrete.

## GREEN INFRASTRUCTURE NETWORK

An approach to storm water management that protects, restores or mimics the natural water cycle and uses vegetation, soil and other elements.

### Drainage Swale

A graded, vegetated, shallow, open channel built to move storm water. Swales are a low cost low maintenance option to remove sediments, nutrients and pollutants, and can replace storm sewer pipes in some instances.

### Swales

Post-glacial channel scars (swales) are a mixture of native prairie and wetland that have resulted from the scouring of glacial drainage. Post-glacial channel scars are defined by the deposition of glacial till resulting in rocky ridges and a high water table producing wet depressions in the landscape.



### Bioswale

Bioswales are landscape elements designed to concentrate or remove silt and pollution out of surface runoff water. They consist of a swaled drainage course with gently sloped sides (less than 6%) and filled with vegetation, compost and/or riprap.



### Wetlands

Lands having water at, near or above the land surface or land that is saturated with water long enough to promote wetland or aquatic processes as indicated by poorly drained soils, aquatic vegetation and various kinds of biological activity which are adapted to a wet environment.

#### Natural: Naturally-occurring wetland.

**Naturalized:** Wetland that has been altered and replanted with naturally-occurring wetland vegetation.



**Constructed:** A constructed and/or modified water body that fluctuates with water drainage but holds water at all times. Constructed wetlands are designed to mimic some or all of the functions of naturally-occurring wetlands, including filtering pollutants from storm water runoff, and providing habitat with associated buffers/riparian areas.



Naturalized wetland

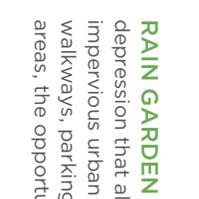
# LOW IMPACT DEVELOPMENT

This board categorizes land planning and engineering design approaches to manage storm water runoff.



**RAINWATER STORAGE TANK** Rainwater collected from the roof is stored in these tanks.

*Fact Rain from the roof at Access Transit is stored in three 38,000 L tanks: Rainwater is pumped from the tanks to wash buses, flush toilets and irrigate the landscaping: 50% of water used to wash buses is from harvested rainwater (500,000 L/year).*



**RAIN GARDEN** A rain garden is a planted depression that allows rainwater runoff from impervious urban areas, like roofs, driveways, walkways, parking lots, and compacted lawn areas, the opportunity to be absorbed.



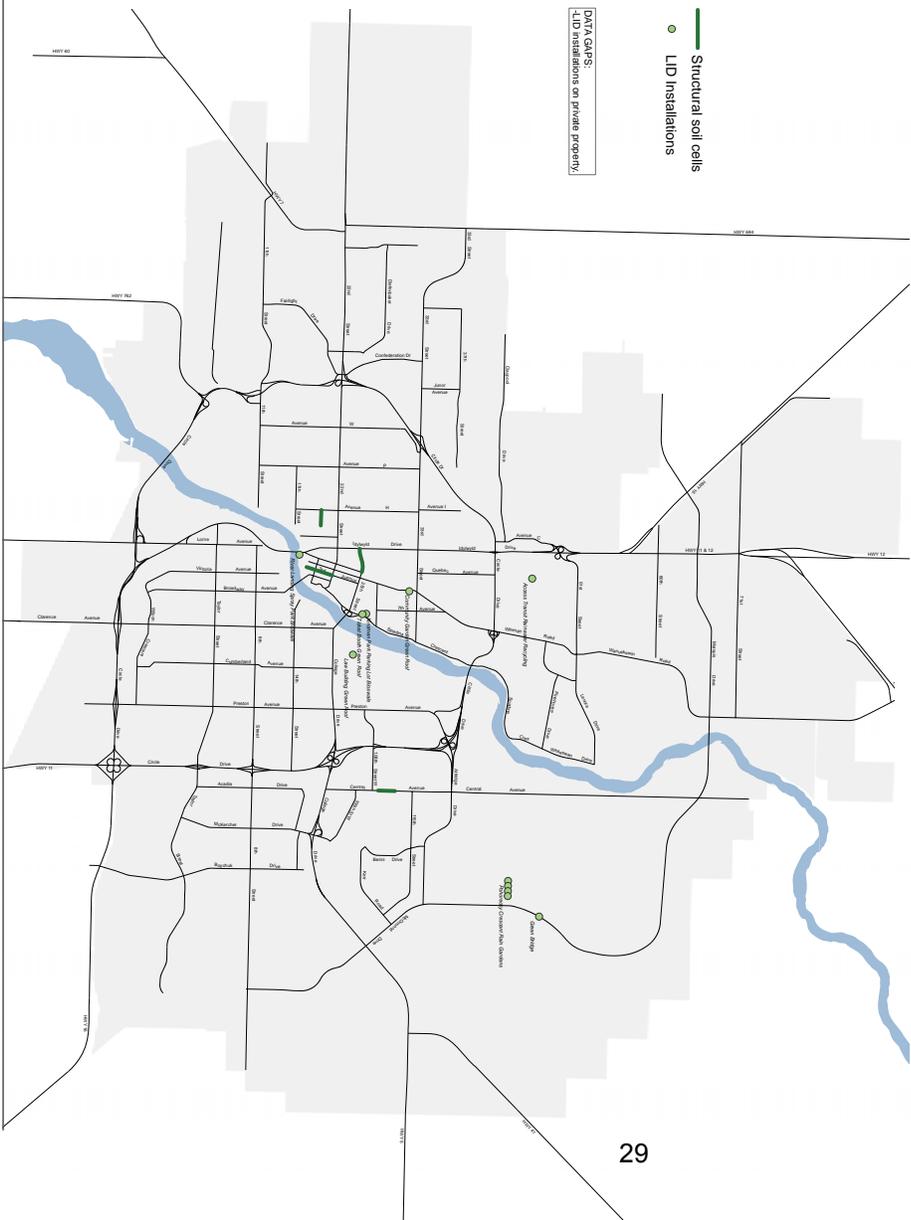
**GREEN ROOF** A green roof or living roof is a roof of a building that is partially or completely covered with vegetation and a growing medium to capture storm water. It may also include additional layers such as a root barrier and drainage and irrigation systems.

**GREEN BRIDGE** A structure located above a roadway, with park-like features, that allow pedestrians, cyclists or wildlife to cross without interacting with vehicles or the road.

**BIOSWALE** Bioswales are landscape elements designed to concentrate or remove silt and pollution out of surface runoff water. They consist of a swaled drainage course with gently sloped sides (less than 6%) and filled with vegetation, compost and/or riprap.

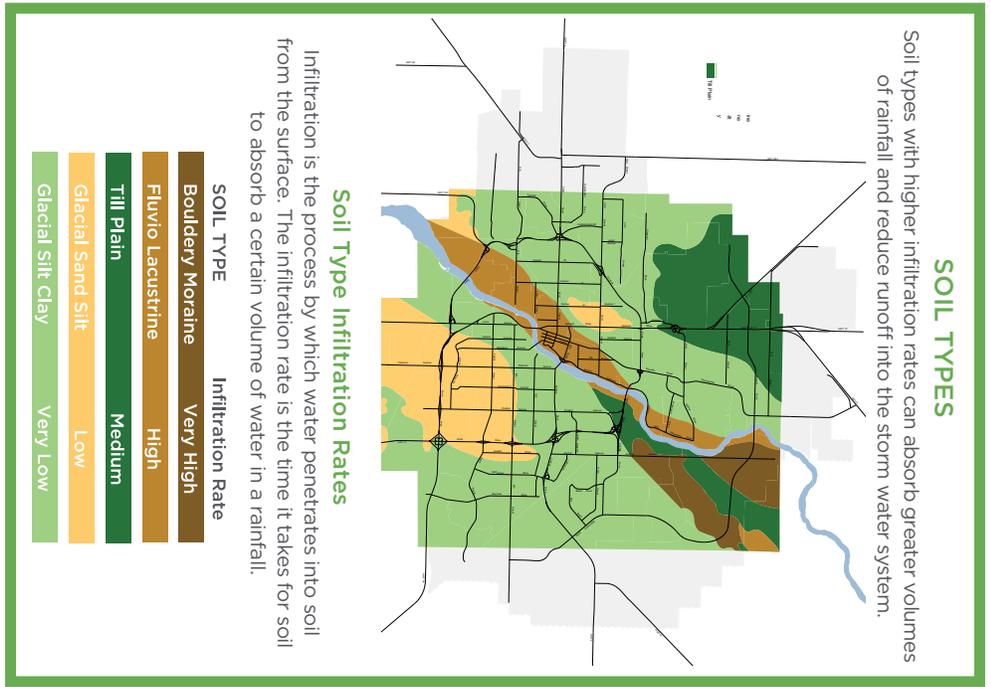


**STRUCTURED SOIL CELLS** Structured soil cells are a modular structured pavement system that uses soil volumes to support large tree growth and provide powerful on-site storm water management through absorption, evapotranspiration and interception.



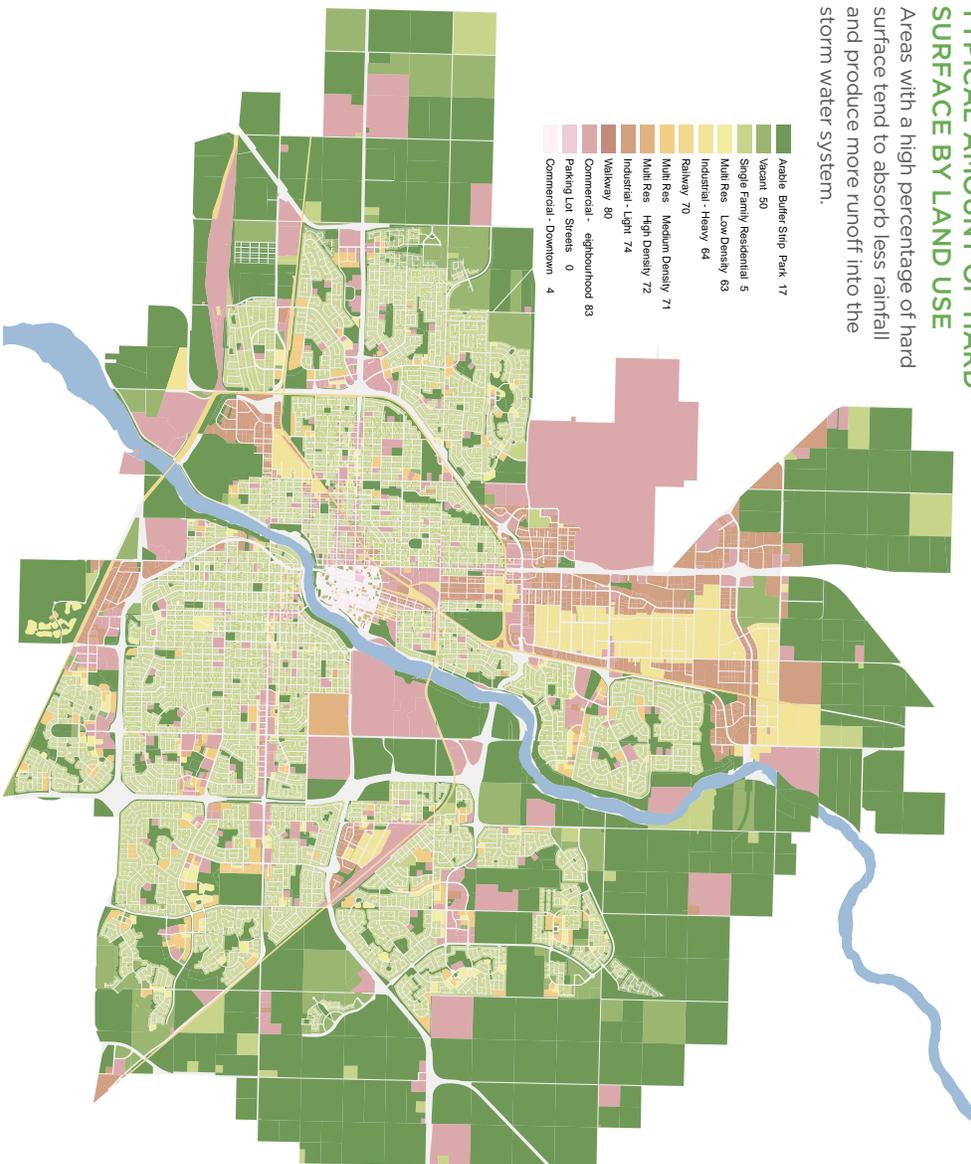
# PERMEABILITY

This board shows the degree to which rain water is able to soak into the earth based on land use and soil types.



## TYPICAL AMOUNT OF HARD SURFACE BY LAND USE

Areas with a high percentage of hard surface tend to absorb less rainfall and produce more runoff into the storm water system.



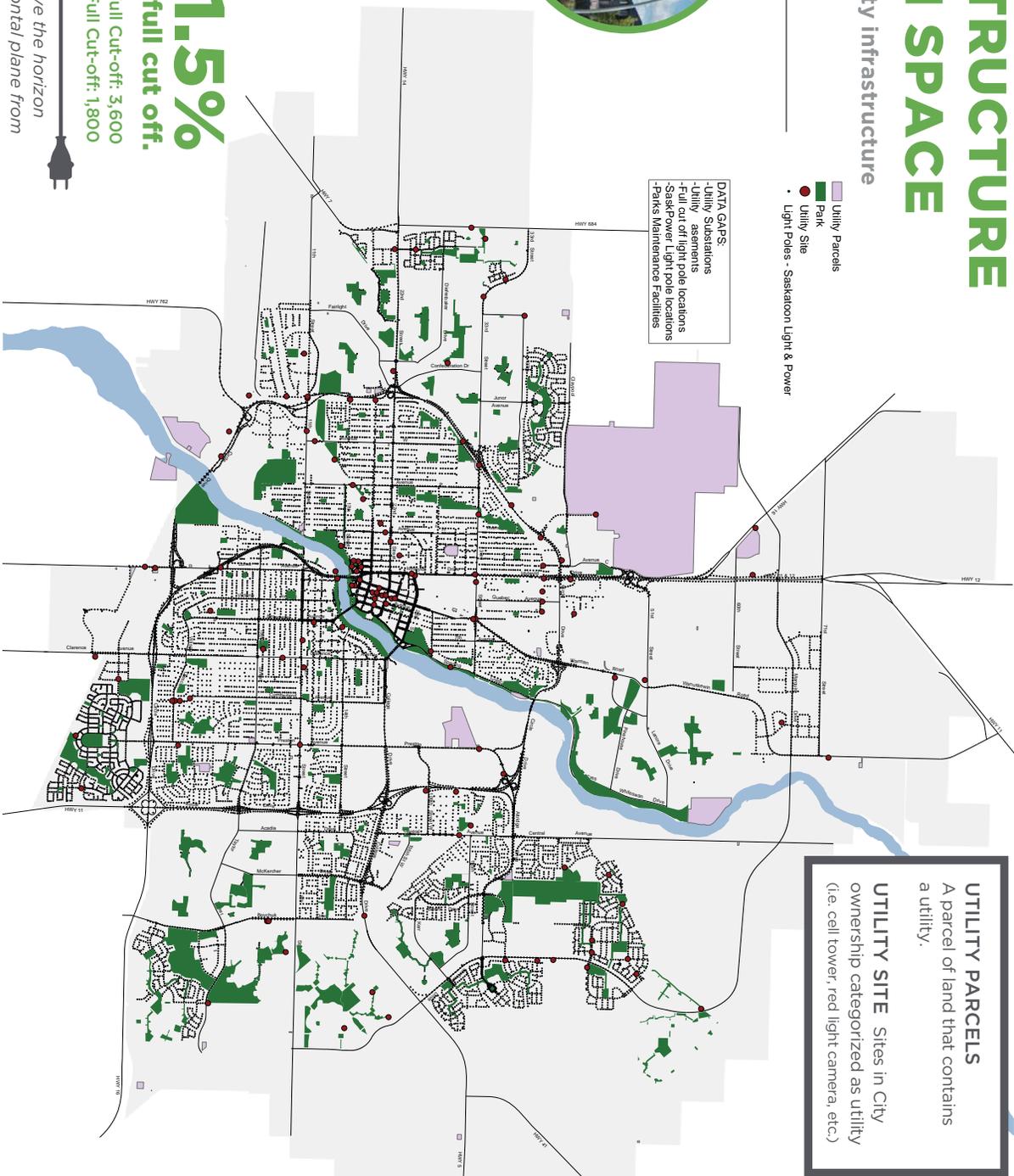
**IMPERVIOUS** Surface material that prevents water from passing through or penetrating to the sub-soils.

**PERMEABILITY** The ability of a fluid to flow through a porous medium.

**PERVIOUS** Surface material that allows water to pass through to the sub-soils.

# URBAN INFRASTRUCTURE IN PUBLIC OPEN SPACE

This board shows the locations of utility infrastructure installed in public open space.



**UTILITY PARCELS**  
A parcel of land that contains a utility.

**UTILITY SITE** Sites in City ownership categorized as utility (i.e. cell tower, red light camera, etc.)

# of street light fixtures in the City  
**21,059\***

**21.5%**  
are full cut off.

HPS Full Cut-off: 3,600  
LED Full Cut-off: 1,800

*Fact Full cut-off street lights do not emit light above the horizon and light is not dispersed above a 90 degree horizontal plane from the base of the fixture.*



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## Truth and Reconciliation Commission of Canada Calls to Action Update– December 2017

### Recommendation

That the report of the Acting General Manager, Corporate Performance Department, dated December 5, 2017, be forwarded to City Council for information.

### Topic and Purpose

The purpose of this report is to provide to City Council an update that summarizes progress made in 2017 by the City of Saskatoon (City) in responding to the Truth and Reconciliation Commission (TRC) Calls to Action and identifies 2018 initiatives.

### Report Highlights

1. The City has made significant progress in responding to the TRC Calls to Action with such items as:
  - a. Partnering with other organizations to host the Wicahitowin Conference;
  - b. Creating an employee program for the Pathway to Reconciliation; and
  - c. Collaborating with other organizations to develop the first ayisînowak: A Communications Guide.
2. There are many initiatives the City has planned in 2018 that will continue to fulfill the TRC Calls to Action.

### Strategic Goals

The report supports the strategic goal for Quality of Life, specifically to strengthen relations with local Aboriginal organizations. It supports the 4-year priority to develop partnerships and programs with Aboriginal organizations that will assist in enhancing economic, employment, and training opportunities.

### Background

On June 22, 2015, City Council directed the Administration to identify responses and financial implications of the TRC Calls to Action and declared July 1, 2015 to June 30, 2016 the Year of Reconciliation. The Administration was directed to work with the Office of the Treaty Commissioner (OTC), and other community groups, leaders, and institutions in Saskatchewan to promote reconciliation.

The Administration reported on October 19, 2015, and was directed to provide regular updates outlining successes, as well as outstanding items, along with an update of events recognizing the Year of Reconciliation in Saskatoon. The Administration was also directed to report with a plan for increased professional development and training for employees, with a long-term target of 100 percent participation.

A progress report was brought to City Council on March 21, 2016 and January 10, 2017, with a commitment to report back on the Action Plan for Reconciliation in fall/winter 2017.

## Report

### Highlights of the City's 2017 Progress in Responding to Calls to Action

Details of City activities to respond to the TRC Calls to Action and to increase Aboriginal inclusion are in Attachment 1. Highlights of these activities include:

- The City's Planning and Development division has collaborated with key individuals, the Saskatchewan Indigenous Cultural Centre (SICC), and the Office of the Treaty Commissioner (OTC) to develop the first edition of *ayisînowak: A Communications Guide*. This guide is intended to assist City employees with building successful partnership with First Nations and Métis organizations and governments.
- The City had partnered with United Way, Saskatchewan Health and Aboriginal Friendship Centres of Saskatchewan (AFCS) to host the Wicahitowin Conference (3rd Annual). This two day conference had over 500 people in attendance. The conference responded to the TRC Calls to Action by providing community based organizations, orders of government and businesses the opportunity to learn about inclusive representation of Aboriginal people as employees, volunteers and decision makers.
- In addition to the Wicahitowin Conference, the City provided leadership for several community events that commemorated reconciliation such as Rock Your Roots, Walk for Reconciliation, National Aboriginal Day, and Orange Shirt Day.
- The City's Employee Experience & Performance division created the Pathway to Reconciliation Program (Pathway) for all City employees. The Pathway is made up of a number of courses that respond to TRC Call to Action #57. These courses include: Aboriginal Awareness training (Mandatory), Blanket Exercise, Understanding Racism, Fundamentals of Cultural Competency, and Resolving Conflict. Once an employee completes all of these courses they will be recognized a Reconciliation Ambassador. A Reconciliation Ambassador is recognized as an employee that has made their own personal commitment to Reconciliation, understands the history and culture of Aboriginal people, and values diversity in the workplace.
- The Saskatoon Police Advisory Committee on Diversity meets quarterly to discuss ways in which the Saskatoon Police Service (SPS) can serve the community better. This committee gets its strength from the connections that the SPS has with the community and it allows members to voice opinions and provide recommendations for the SPS to be inclusive and treat all people fairly.
- The "I am the bridge" public education/ billboard campaign launched in June. This campaign was successful in raising awareness of racism and creating public dialogue.
- The "Naming the North Commuter Parkway" project is well underway. The nominations closed on October 31, 2017 and the selection process has begun with consultation between partnering organizations, Elders and Survivors.
- Gordon Reeves was selected as the artist for the "Where Our Paths Cross" project and the cultural blessing of the site took place.
- The City and Saskatoon Tribal Council (STC) signed the Memorandum of Understanding regarding the partnership on the hydroelectric project.

- Saskatoon Aboriginal Community Action Plan Committee applied for a 3-year agreement for funding from the Federal government to assist in increasing the quality of life for Aboriginal citizens in Saskatoon.

#### The City's 2018 Planned Initiatives in Responding to Calls to Action

- The SPS is part of the Saskatchewan Association of Police Affiliated Victim Services. This group is in the process of planning “Tell Us Your Story” Conference to be held in March 2018.
- The City's Planning and Development division continues to dialogue with First Nation partners on a variety of planning initiatives. In 2018, the City will initiate the implementation of the Regional Plan which includes amending the North West and South East Concept Plans. The City will continue to involve First Nations partners in planning and land use.
- Corporate training programs that contribute to the TRC Calls to Action by increasing awareness of civic employees about Aboriginal history and culture will continue to be offered and promoted throughout the Corporation.
- The SPS will continue to host the Elder's teaching sessions.
- The City, in partnership with STC, Potash and Gabriel Dumont Institute will plan another Atoske youth development camp for summer 2018.
- The City Official Community Plan will be reviewed to ensure it incorporates Aboriginal inclusive language.
- An Aboriginal Land Developer's Resource will be launched in 2018 with a focus on making the tool available in compatible digital formats.
- The City will participate in hosting the International Aboriginal Tourism Conference in Saskatoon.
- Work will continue with the Saskatchewan Indian Institute of Technologies (SIIT) to prepare and sign a Memorandum of Understanding to refresh our working relationship.
- The Aboriginal Employment Strategy will be reviewed with community stakeholders.
- The 2018 budget includes a Truth & Reconciliation Coordinator position to support the identified initiatives.

#### **Public and/or Stakeholder Involvement**

The City has been working closely with Aboriginal and other community organizations to develop the Saskatoon Aboriginal Community Action Plan.

#### **Communication Plan**

A variety of tools will be used to continue to communicate the City's commitment to reconciliation and promote various programs and projects. The communication tools will include, but may not be limited to, webpage updates, news releases, media events, social media, advertisements, and stakeholder meetings.

### **Financial Implications**

Initiatives to respond to the TRC Calls to Action are within the existing budgets, and leveraging additional resources from other orders of government, community partners and the private sector will complement the current plan.

### **Other Considerations/Implications**

There are no policy, environmental, privacy, or CPTED implications or considerations.

### **Due Date for Follow-up and/or Project Completion**

A progress report will be brought to City Council on 2018 progress on the Action Plan for Reconciliation in collaboration with OTC and other partners in 2018/2019.

### **Public Notice**

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

### **Attachment**

1. City of Saskatoon Response to the TRC Calls to Action: December 2017 Update.

### **Report Approval**

Written by: Gilles Dorval, Director of Aboriginal Relations

Reviewed &

Approved by: Jeff Jorgenson, Acting General Manager, Corporate Performance Department

City of Saskatoon's Response to the Truth and Reconciliation Commission's Calls to Action and Responsibilities

December 2017 Update

Summary of Applicable Recommendations Directed to Municipal Governments or All Levels of Government

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #3: Fully Implement Jordan's Principle.</b></p> <p>Jordan's Principle is a "child first" principle to resolve jurisdictional disputes between governments regarding payment for government services provided to First Nations children. Jordan's principle is mainly applicable to federal and provincial government services for children.</p> <p>The City does not consider First Nation status as a factor in providing services to its residents. Some recreational and cultural programs are targeted to all Aboriginal people. Some City services, such as discounted leisure access and transit passes, are offered to all low-income people.</p>	<p>*Continue to implement a "child first" principle in providing City programs and services including discounted leisure centre access and transit passes for all low-income residents.</p>	<p>* The Leisure Access program continued to support access to City of Saskatoon leisure centres for low-income residents including Aboriginal residents.</p>	<p>No new initiatives planned, the Leisure Access Program is an ongoing program.</p>
<p><b>Action #40: Create Aboriginal-specific victim services.</b></p> <p>The SPS currently has Aboriginal program components for victim services.</p>	<p>*Continue current Aboriginal components of victim services.</p>	<p>*SPS employs two full-time Indigenous Resource Officers in its Victim Services office and a Missing Persons Liaison who works with all families and with the Missing and Murdered Indigenous Women and Girls (MMIWG) action groups. *SPS Police also has the Indigenous Relations Consultant (IRC) who works in the Cultural Resources Unit who creates partnerships with various agencies within the community, some of which include victim advocacy groups and MMIWG and men (and boys).</p>	<p>* SPS to continue current Indigenous components of victim services. Members of the Indigenous Resource Officer Section are also part of the Saskatchewan Association of Police Affiliated Victim Services who are in the process of planning a conference in March 2018 called "Trail us your Story".</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #43: Adopt the United Nations Declaration on the Rights of Indigenous Peoples supporting Aboriginal rights to culture, employment, health, education and other issues, and facilitate their full participation in all matters that concern them.</b></p> <p>The City co-chairs the Saskatoon Aboriginal Community Action Plan (SACAP) committee which addresses quality of life issues for Aboriginal citizens.</p>	<p>*Continue to participate with the Saskatoon Collaborative Funders Partnership.</p> <p>*Continue to implement recommendations from the Kitaskinaw Report.</p> <p>*Continue the Wiclitowin Speaker Series in 2017.</p>	<p>*Participation has continued in the Collaborative Funders Partnership.</p> <p>*Wiclitowin Speaker Series 2017 included 1) Chief Wilton Littlechild (142) 2) Birth of a Family viewing (120) 3) Orange Shirt Day Speaker Event (131)</p> <p>*SACAP applied for a 3 year agreement for Federal Funding to assist in increasing the quality of life for Aboriginal citizens in Saskatoon.</p>	<p>*Continue to participate with the Saskatoon Collaborative Funders Partnership</p> <p>*Continue to implement recommendations from the Kitaskinaw Report</p> <p>*Continue the Wiclitowin Speaker Series in 2018</p> <p>*Assist with developing a collaborative strategy with the community in addressing Aboriginal Citizens quality of life issues</p>
<p>The Kitaskinaw Project was conducted to discover the "lay of the land" for programs and services for Saskatoon's First Nations, Métis, and Inuit people. Kitaskinaw was a collaborative effort led by the City, Saskatoon Tribal Council (STC), the United Way of Saskatoon and Area, and Gabriel Dumont Institute (GDI). The project, the first of its kind in Saskatoon, took a holistic approach to better understand Saskatoon's Aboriginal community in relation to programs and services.</p>		<p>*Kitaskinaw recommendations are being considered with emphasis on offering a wider array of Indigenous in more parts of the city</p>	
<p>The City provides capacity building supports to Aboriginal community-based organizations including the work of the Saskatoon Collaborative Funders Partnership on outcomes and evaluation. The City works with the United Way on community-based leadership development for Aboriginal and other under-represented groups.</p>			

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
	<p>*Complete the Regional Plan and continue to involve First Nations partners in planning and land use.</p>	<p>*The Planning and Development Division continues to dialogue with First Nations partners on a variety of planning initiatives including Regional Plan (completion in April 2017), Urban Reserve creation and Compatible Land Use Agreements were negotiated and received by City Council regarding Yellow Quill First Nation's reserve designation of the First Nations' Bank property. Compatible Land Use Agreements will also be drafted for Thunderchild First Nation once the land purchase agreement terms are met. We also had introduction discussions with Kahkewistahaw First Nation who recently selected a 40 acre parcel in the Hampton Village Business Park.</p>	<p>Initiate implementation of the Regional Plan, which includes amending the North West and South East Concept Plans. Continue to involve First Nations partners in planning and land use. Work with Thunderchild First Nation and Kahkewistahaw First Nation as they work through the reserve designation process, as well as the development process. Continue ongoing dialogue regarding planning issues of common interest through revival of the Broader Regional Committee (led by SREDA)</p>
	<p>*The SPS has the Chiefs Advisory Committee which is comprised of First Nations and Métis Elders and of Cultural Advisors. This committee was formed in the 1990s with the intention of directly advising the Chief of Police on matters related to Indigenous people in and around Saskatoon. *SPS also has an Advisory Committee called SPACOD--Saskatoon Police Advisory Committee on Diversity, which is made up of numerous community, social justice, diversity, and other advocate groups and organizations. This was formed in the early to mid 2000's. Members from Indigenous organizations also sit on this committee.</p>	<p>*The (Police) Chiefs Advisory Committee meets four times per year to advise the Chief and Executive members on topics and issues relevant to the Indigenous community. *SPACOD meets quarterly to discuss ways in which the Police can serve the community better. This committee gets its strength from the connections that the SPS has with the community and it allows its members to voice opinions and provide recommendations that the SPS be inclusive and treat all fairly. Both of these committees have been asked to be part of the selection process for the new Chief of Police.</p>	<p>*Continue quarterly meetings with the SPS Chiefs Advisory Committee and SPACOD. If important police events occur in Saskatoon that warrant that either of these committees convene on an emergency basis, this will be accommodated. *The Missing Person Liaison Officer is also exploring how to allow for better access to an Elder within the SPS building on a regular basis with a regular schedule.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #47: Reform laws and policies based on European sovereignty over Indigenous peoples and lands.</b></p>	<p>*The graduate intern will continue to work with CLASSIC applying the equity and inclusion lens developed by the Systemic Initiatives Project. The goal is to have three to five policies reviewed and presented with recommendations/alternatives by June 2017. *SPS will continue their policy review to avoid discrimination.</p>	<p>*A Johnson Shoyama graduate intern started working on the review of policies. Research on equity and inclusion/ policy of other municipalities is complete as well as criteria to prioritize policies for review. A Partnership with Community Legal Assistance Services for Saskatoon Inner City (CLASSIC) was formed to provide legal framework and jurisprudence to equity and inclusion lens being developed. *The community notification process for Urban Reserve creation was updated to reflect the intent of the Calls to Action. The process continues to include an awareness and education component but also celebrates the achievement and provides more flexibility. *SPS has also begun to undertake a policy review to ensure inclusion and systemic discrimination are avoided in its documents. In 2011, an Aboriginal Relations Consultant was hired to review policies within the SPS and to help develop a Strategic Plan regarding Aboriginal relations and engagement. In 2016, an additional person was hired on permanently, now called the Indigenous Relations Consultant (IRC). This person resigned in August 2017 to go back to teaching, so the process is currently underway to hire the new IRC.</p>	<p>*The graduate intern will continue to work with CLASSIC applying the equity and inclusion lens developed by the Systemic Initiatives Project. The goal is to have three to five policies reviewed and presented with recommendations/alternatives by June 2017. *SPS will continue its policy review to avoid discrimination. The new IRC will review current policy with the assistance of the SPS Planning Unit to determine what policies may or may not ensure inclusion and which policies possibly unconsciously promote systemic discrimination/bias.</p>
	<p>*Review the application and recruitment process for City boards, committees, and commissions to further increase Aboriginal participation.</p>		

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #57: Educate public servants on the history of Aboriginal peoples, inter-cultural competency, conflict resolution, human rights, and anti-racism</b></p> <p>Saskatoon Public Library Anti-racism Training</p>			<p>New in 2017. SPL employees are participating.</p>
<p>Saskatoon Public Library Aboriginal Awareness Training</p>		<p>Ongoing participation</p>	<p>Ongoing employee training sessions for new employees</p>
<p>Saskatoon Public Library Participation in W/ichitowin conference</p>		<p>Ongoing participation</p>	<p>Sent SPL employees to the conference</p>
<p>Corporate cultural awareness workshops are held every year.</p> <p>In 2014, approximately 2.5% (80) of City employees attended Aboriginal cultural awareness and general cultural competency workshops. Corporate training workshops include the following:</p> <ul style="list-style-type: none"> <li>- Conversations for Aboriginal Inclusion (2/year available for all employees)</li> <li>- Fundamentals of Cultural Competency Workshop (1/year available for all employees)</li> <li>- Intercultural Problem Solving Strategies (1/year available for managers)</li> </ul> <p>Corporate training is also offered on Resolving Conflicts Constructively (2/year available for managers)</p>	<p>*Continue to offer and promote corporate training programs that contribute to the Call to Action to increase awareness of civic employees about Aboriginal culture.</p> <p>*Continue hosting the Elder's Teaching sessions.</p>	<p><b>POLICE UPDATE:</b> *A total of 104 employees participated in the following four Aboriginal workshops held in 2017:</p> <ol style="list-style-type: none"> <li>1. Conversations for Aboriginal Inclusion (spring and fall sessions)</li> <li>2. Fundamentals of Cultural Competency Workshop</li> <li>3. Intercultural Problem Solving Strategies</li> <li>4. Resolving Conflicts Constructively</li> </ol> <p>*SPS continued to host Elder's Teachings at the Saskatoon Police Service building. They also brought in an Indigenous story teller and the "Boys with Braids" presentation to share cultural information with SPS employees and members of the public. SPS In-Service Recruit Training has added a day of diversity education for the newest recruits which is primarily focused on Indigenous history and experience, but it also allows the new recruits to learn about Islam and the LGBTQ2S+ experience.</p> <p><b>HR UPDATE:</b> Created the Pathway to Reconciliation Program for all City employees. The "Pathway" is made up of a number of courses that respond to TRC Call to Action #57. These courses include: Aboriginal Awareness training (Mandatory), Blanket Exercise, Understanding Racism, Fundamentals of Cultural Competency, and Resolving Conflict. Once an employee completes all of these courses they will be recognized as Reconciliation Ambassador. A Reconciliation Ambassador is an employee that has made their own personal commitment to Reconciliation, understands the history and culture of Aboriginal people, and values diversity in the workplace.</p> <p>Hosted a speaking event for Orange Shirt Day to help educate CoFs employees on Indian Residential School experiences.</p>	<p><b>POLICE UPDATE:</b> *Continue to offer and promote corporate training programs that contribute to the Call to Action to increase awareness of civic employees about Aboriginal culture.</p> <p>*SPS to continue hosting the Elder's Teaching sessions. Plans are to open up portions of the Recruit In-Service Training day to other employees (sworn and civilian) and to host the Blanket Exercise as part of this training. The Chief has approved training time for any recruit that wishes to partake in one of the police sweat lodge ceremonies (as part of the In-Service training) with our lead Elders.</p> <p><b>HR UPDATE:</b> Continue offering the Pathway to Reconciliation Program. Reconciliation Ambassadors will begin to form a Community of Practice at the City of Saskatoon.</p> <p>Expand on Orange Shirt Day educational activities for City of Saskatoon staff.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p>Anti-racism initiatives have been identified as a new focus beginning in 2015, and the Race Relations and Cultural Diversity Committee and Coordinator developed new corporate and community initiatives to reduce racism:</p> <ul style="list-style-type: none"> <li>- Anti-racism print resources were developed for staff and interested groups; and</li> <li>- "Understanding Racism" sessions were developed and are accessible to staff.</li> </ul>	<p>*The three module curriculum and learning toolkit will be delivered to civic staff with a focus to promote anti-racism among senior leadership.</p>	<p>The Saskatoon Police Service hosted the 7th Annual Race Against Racism in September, 2017. A change was implemented this year in that a cultural expo was planned and hosted by a newly formed committee consisting of representatives from the Saskatoon Tribal Council, Central Urban Métis Federation Inc. Saskatoon Open Door Society, Saskatchewan Intercultural Association, Immigrant Women of Saskatoon and the Global Gathering Place. Other cultural booths were available to showcase at the event. *hosted Anti-Racism Conference 2017 (October 27, 2017)</p>	<p>*The three module curriculum and learning toolkit will be delivered to civic staff with a focus to promote anti-racism among senior leadership. * The Race Against Racism will continue with more focus placed on the cultural expo. The message of the race is, and always will be, the primary goal for the event.</p>
	<p>*Publish the Indigenous Communications Handbook in early 2017.</p>	<p>A public launch was held on June 29th, at the Saskatchewan Indigenous Cultural Centre for the ayishnowak: A Communications Guide, a tool developed in partnership with OTC and SICC for City employees to broaden awareness and understanding of Aboriginal cultural traditions and practices. The document is now available digitally on the City website and hard copy by request.</p>	<p>Update the document as needed, as well as incorporate content into Corporate Aboriginal Awareness Training and Supervisor 101 Training. Postcards introducing the resource and providing information on where it is available will be developed and included as part of these training materials. We will continue to work with the Metis community to elaborate on the Metis content in the Guide.</p>
	<p>*Continue to incorporate presentations on Aboriginal culture in regularly scheduled meetings.</p>		
	<p>*Complete the assessment of making Aboriginal Awareness training mandatory and options for delivering the training.</p>	<p>Aboriginal Awareness - facilitated by John Lagimodiere is the mandatory training being offered to staff. In 2017, up to the end of Q3, we had 454 employees attend the course.</p>	<p>Aboriginal Awareness - There are two sessions a month scheduled until December 31, 2018 to accommodate all CoS Staff.</p>
	<p>*The new Individual Development Plan template and Business Planning templates are expected to be approved in 2017 for implementation.</p>		

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
	<p>*Include another book with Aboriginal content for the 2017 Diversity Book Club and identify other professional development opportunities with Aboriginal content.</p>	<p>Three City initiatives celebrated June National Aboriginal History Month:            1. Book Review: <b>Clearing the Plains</b> by James Daschuk. 12 employees took part in the book review.            2. REDx Talk: <b>Allies - What I Know Now</b> by Dr. Liam Haggarty. 10 employees discussed different ways we all can become allies.            3. Blanket Exercise hosted by Canadian Roots Exchange. 15 employees took part.</p>	<p>The City will continue to offer Aboriginality focused Learning and Development opportunities within the month of June to support National Aboriginal History Month. A Book Review and REDx Talk will be offered in addition to other professional development opportunities with Aboriginal content.</p>
<p>Since the early 2000's, the Saskatoon Police Service has hosted quarterly sweat lodge ceremonies utilizing SPS Elders where staff and community members are invited to attend.</p>	<p>*Explore having the Elders connected to Indigenous Youth and the Police in some fashion.</p>	<p>*Sweat lodge ceremonies continue.            *The Chief's Advisory Committee has now expanded to include 16 Elders and Cultural Advisors.            *Within the last five years, several Elders have passed away. In 2016 the SPS Cultural Room was named to honor SPS's two Lead Elders. Previous to that, the Elders on the Advisory Committee were all awarded with special SPS badges. In 2017, the Elders have been asked to participate in the criteria selection for the new Chief of Police. Member of SPACOD have also been asked to patrate in this process.</p>	<p>* SPS to explore having the Elders connected to Indigenous youth and the police in some fashion. This was put on hold in 2017 due to the resignation of the Indigenous Relations Consultant and with the announced retirement of Chief Weighill.</p>
<p><b>Action #77: Work collaboratively with the National Centre for Truth and Reconciliation to identify and collect copies of all records relevant to the history and legacy of the residential school system, and to provide these to the National Centre for Truth and Reconciliation.</b></p>			
	<p>*Continue to identify relevant material to forward to the National Centre for Truth and Reconciliation.</p>		<p>*Continue to identify relevant material to forward to the National Centre for Truth and Reconciliation.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Actions #87 and #88: Support the development and recognition of Aboriginal athletes.</b></p> <p>The City's Aboriginal Lifeguard Program and Fitness Leader Certification Program help Aboriginal people gain lifeguard and fitness certifications leading to employment with the City and other organizations.</p>	<p>*Complete the evaluation of the Aboriginal Lifeguard Program.</p>	<p>*The Aboriginal Fitness Leader Certification preparatory program was delivered in partnership with the U of S. An evaluation of this program is currently underway.</p> <p>* An unplanned, but extremely valuable initiative for 2017 was that two Saskatoon Police Service Members were asked to participate with Team Saskatchewan at the North American Indigenous Games as chaperons to the athletes. The Police Chief granted them paid absences from their regular duties to participate.</p> <p><b>Community Services Update:</b> *during first half of year met with consultant to develop evaluation tools to review programs such as the Aboriginal fitness Leadership Preparatory program and the Aboriginal Lifeguard Program. Evaluations to be completed in 2017.</p>	<p>*Complete the evaluation of the Aboriginal Lifeguard Program.</p> <p><b>Community Services Update:</b> *continue to review partnerships and linkages at the city and community to offer sports and certifications.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<i>Summary of Recommendations not Directed but Applicable to Municipal Governments</i>			
<p><b>Actions #30 &amp; #38: Eliminate over-representation of Aboriginal people, particularly youth, in custody.</b></p> <p>Saskatoon Police Services (SPS) has made reconciliation efforts with Aboriginal people a priority. All recommendations from the Neil Stonechild Inquiry were implemented.</p>	<p>*Identify City opportunities to utilize the social enterprise model and hold an educational forum for interested community-based organizations.</p>	<p>Identified stakeholders within the community.</p>	<p>*Identify City opportunities to utilize the social enterprise model and hold an educational forum for interested community-based organizations.</p>
	<p>*Continue SPS programs for youth, including Cadets, scholarships, bursaries, summer student position, and recruitment.</p>	<p>*2016/2017 was the third year of Saskatoon Police Cadets, which works with younger children to provide positive role models and activities. One program goal is prevention, in hopes that these young people will not be recruited into the gang lifestyle and will avoid being in conflict with the justice system. The SPS recognized that working with 12-18 year old vulnerable youth was already too late. Therefore, the Cadet program was offered to children as young as eight. Although it is a diverse group, the majority of the youth are First Nations and Métis.</p> <p>*The SPS Indigenous Recruiting officer works closely with SK Polytechnic Aboriginal Police Prep Program in an effort to identify potential candidates for recruitment. The SPS also awards two scholarships to students from this program.</p> <p>*The SPS provided two bursaries for the Saskatoon Indian and Métis Friendship Centre Aboriginal Graduation. This has been taking place for over 15 years.</p> <p>* Several years ago the SPS implemented a paid summer student position for qualified Indigenous students. This past year's student was Sarah Bear from the Meadow Lake Tribal Council area and a graduate of the APP Program.</p>	<p>*Continue SPS programs for youth, including Cadets, scholarships, bursaries, summer student position, and recruitment. * A review of the current summer student program will be done to see if it can be more effective in affecting more potential applicants. This may mean having two students for a shorter period of time.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p>The Saskatoon Board of Police Commissioners includes Aboriginal representation to provide an Aboriginal lens in governance.</p>	<p>*Continue Aboriginal representation with the Saskatoon Board of Police Commissioners to provide an Aboriginal lens in governance.</p>		
<p>The City participates in the Housing First Initiative with the United Way and other partners. Since its launch in April 2014, 28 of Saskatoon's most vulnerable citizens have been housed. A 2013 Simon Fraser University study found that housing the homeless in market rental apartments can reduce interaction with the justice system.</p>	<p>*The Community Action Plan and a funding request to implement the deliverables will be considered by City Council in 2017.</p>		
<p>The City partners with STC, Potash Corp. and other community organizations in the Urban Aboriginal Leadership program which provides healthy alternatives for youth to participate in the community and economy. This includes the "Wanska" program which contributes to prevention and re-integration of youth that are involved with justice issues</p>	<p>*Two Alumni Leadership Development workshops will be held in January 2017. *Continue to delivery the Atoske youth development program in Summer 2017.</p>	<p>*Delved one Atoske youth development camp in July 2017. *Two alumni leadership development workshops will be held, October 15, and 29, 2017.</p>	<p>*Plan two more Alumni Leadership Development workshops in February/March 2018. *In partnership with STC, Potash and GDI plan to another Atoske camp for summer 2018.</p>
<p><b>Action #53: Collaborate to develop and implement an action plan, promote public dialogue for reconciliation, and monitor and report annually on reconciliation efforts</b></p>			
	<p>*Continue to partner with the SRC to create positive change in areas of economic and social inclusion of Indigenous peoples. *Create and pilot test an 'evaluation tool' to determine change in attitudes, understandings, and relationships in response to cultural competency development initiatives and events, including Reconciliation Saskatoon efforts. *Continue to work with the "Sensemaking Sub-Committee to identify metrics and explore methods of evaluation.</p>	<p>Reconciliation Saskatoon utilized as a case study through Tamarack Institute in Evaluating Community Input.</p>	<p>Reconciliation Saskatoon Committee will work with Saskatoon Community Foundation on Vital Statistics Report. *Continue to work with the "Sensemaking Sub-Committee to identify metrics and explore methods of evaluation.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p>The City of Saskatoon has partnered with Saskatoon Tribal Council, Gabriel Dumont Institute, CUMFI, OTC, and faith-based groups in various initiatives to promote dialogue on reconciliation and Aboriginal inclusion (e.g. Urban Aboriginal Gathering, Kisiskinaw, Wicinitowin Conference, etc.)</p>	<p>*The SRC will continue to promote events, (e.g. Red Shirt Day, Rock your Roots), educational opportunities, and commitments to reconciliation by the SRC partners.</p>	<p>*The City participated in the Saskatoon Reconciliation Committee (SRC) with the following achievements:</p> <ol style="list-style-type: none"> <li>1) Linked the City website to the OTC website on Reconciliation which included selfies on "What Reconciliation Means to Me"</li> <li>2) Social media clinic for Reconciliation members</li> <li>3) Social media with each event related to reconciliation held by the SRC's 58 partners (e.g. Rock your Roots event).</li> <li>4) Held monthly stakeholder meetings.</li> </ol>	<p>Continue to co-chair Reconciliation Saskatoon Committee collaborating on Community Educational Initiatives.</p>
	<p>*The SPS is undertaking planning for reconciliation and call to action activities for 2017. Tentative plans include partnerships with external agencies to bring the Elder's Teachings to youth and their mentors within the child welfare system; and to present to a National Conference in Halifax in 2017 re the Reconciliation Saskatoon initiative partnership.</p>	<p>*SPS is included in the partnership committee and implemented various initiatives as part of reconciliation such as Elder's Teachings and the MMWG which was unveiled in 2017. The Sisters in Spirit annual awareness walk will begin and end at this monument in October 2017. * The SPS sits on committees for the National Aboriginal Day planning and the Federation of Sovereign Indigenous Nations annual powwow committee when the event is scheduled for Saskatoon. * The SPS supports and will participate in Orange Shirt Day activities in Saskatoon.</p>	<p>*The SPS will be involved with reconciliation and Calls to Action activities for 2018. * The Saskatoon Police Service Cultural Resource Unit will set up their tipi at community events when requested. This has been done for many cultural events (ie: culture camps), at schools, in partnership with TRC events, National Aboriginal Day, the Saskatchewan Polytechnic's Indigenous Student Center and also in partnership with the SIIT Wellness Conference in the past. This initiative will continue in 2018.</p>
	<p>*The "I am the Bridge" public education campaign is set to launch in March 2017, corresponding with Race Relations Month.</p>	<p>"I am the bridge" public education/billboard campaign launched in June and generated much public dialogue and garnered national attention. This campaign was very successful in raising awareness of racism and creating public dialogue.</p>	<p>Ongoing implementation of the "I am the bridge" campaign series will consist of a social media and online presence consistent with anti-racism public education. The administration will continue to implement the Anti-Racism public education implementation strategy.</p>
	<p>* Complete the YXE youth strategy</p>	<p>*A Consultant was hired to meet with the youth visioning committee to develop a strategy, by December 2017.</p>	<p>*A provincial youth symposium is being planned for January 2018. *Development of an implementation plan based on the strategy.</p>
		<p>Hosted event in Jan 2017. More events are planned for Feb 2018.</p>	

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #69: Call upon Library and Archives Canada to make information available on Aboriginal peoples and residential schools.</b></p> <p>The Saskatoon Public Library (SPL) has a significant collection of books and films and programming related to Aboriginal history, culture, and residential schools. SPL provided programming to the City's northern guests during the 2015 wildfires.</p>	<p>*SPL initiated <b>Read for Reconciliation</b> for the community, encouraging reading books with Aboriginal content. (see <a href="http://www.saskatoonlibrary.ca/reconciliation">www.saskatoonlibrary.ca/reconciliation</a>)</p>	<p>SPL sent employees to participate in the walk, as well as provided entertainment and activities throughout the day.</p> <p>*continue to update the collection of books and films related to Aboriginal history, culture, and residential schools, and offer related programming.</p> <p>*Issued a community challenge in 2017 to read for reconciliation.</p> <p>*Other libraries in Canada are using adopting our Read for Reconciliation program.</p>	
<p>Saskatoon Public Library promotion of Aboriginal Storytelling Month.</p> <p>Saskatoon Public Library increased hours at Dr. Freda Ahenakew and Mayfair Branches to provide the core neighbourhoods access to services that are similar to our suburban libraries.</p>	<p>Participated in provincial Aboriginal Storytelling month 2017 (Feb).</p> <p>New hours are effective October 2017.</p>		
<p>Saskatoon Public Library CEO is part of a national committee that created recommendations for the Canadian Federation of Library Associations to respond to the Truth &amp; Reconciliation Commissions calls to action. Libraries across Canada are adopting these.</p>	<p>Ongoing.</p>		
<p>Saskatoon Public Library ongoing focus on intergenerational programming and Indigenous content programming.</p>	<p>Ongoing.</p>		
<p>Saskatoon Public Library 50 days of Cree via social media.</p>	<p>We shared a new Cree word every day for 50 days on social media in 2017.</p>		
<p>Saskatoon Public Library held a blanket exercise in the spring at Round Prairie Branch with the Committee for Aboriginal Library Services.</p> <p>Saskatoon Public Library participated in Orange Shirt Day.</p>	<p>Completed.</p>	<p>We created book displays, provided orange shirts for employees, and had residential school support workers at two locations for patrons who were triggered by our participation.</p>	

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
Saskatoon Public Library supported needs of displaced families due to wildfires.	During the fires we added more public computers, and added additional employees and programming to support the families during this time at our Rusty Macdonald branch.		
<b>Action # 79: Participate in a strategy to commemorate Aboriginal peoples' history and contributions to Canada.</b>			
	<p>*Review naming policies in 2017.</p> <p>*Continue to incorporate consultations with Aboriginal people on the naming of more Saskatoon infrastructure.</p> <p>*Involve the Saskatoon Reconciliation Committee (SRC) in the process to engage the community, the Elders, and Indian Residential School Survivors to recommend a name to City Council for the new North Commuter Parkway (NCP) Bridge in honor of Aboriginal peoples' contribution to Saskatoon.</p>	<p>*NCP Naming Project is underway; nominations closed Oct 31 now the selection process begins in consultation with partnering organizations, elders and survivors.</p>	<p>NCP Naming Committee will select 4 names and produce educational vignettes for the community to view. The NCP name will be chosen in the Fall of 2018.</p>
The Library on 20th Street was rededicated	The Library on 20th Street branch was re-named Dr. Fred Ahenakew in February 2017.		

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p>Public art installations recognize Aboriginal culture and contributions including Chief Whitecap and John Lake statue, Gabriel Dumont statue, Land of Berries, and Spirit of Alliance. War of 1812 Monument (gifted from Whitecap Dakota First Nation in 2014). In 2015, the City and SPS partnered with the STC on developing the Missing and Murdered Aboriginal Women's commemoration artwork.</p>	<p>*Work on Canada 150 Crossing Path's Reconciliation Art Project. Artist/artist team to be selected. First round of community engagement to begin. *Acquisition of the "Land of Berries" neon-light art installation. *Unveil the MMAW commemorative sculpture in front of the SPS building in spring 2017. *Install 'Untitled' by indigenous artist and sculptor Darren Gowan, a carved stone bison sculpture, roughly 2 metres high, on Central Avenue and 112th Street in early 2017.</p>	<p>*Artist Gordon Reeve was selected to fabricate the sculpture "Where Our Paths Cross" in Victoria Park. The site of the sculpture was blessed in June. *Darren Gowan's "The bison are coming home" was installed on Sept. 28 on Central Avenue. *Tony Stallard and Joseph Naylowhow and Kenneth Williams will be installing their neon-light Cree syllabic artwork in the side of the Sask. Craft Council building on Broadway at end of Oct. *Emmanuel Jarus' giant mural of "mother, father and child" was finished and is now visible on the side of the First Nation Bank Building in September. *Community Development in partnership with the Public Art Advisory Committee is exploring opportunities to commission more Métis and First Nation artworks into it collection including artworks for interior installation in civic facilities.</p>	<p>Continue with SPS involvement in Indigenous awareness campaigns and to get involved with First Nations and Métis organizations and people as much as possible to continue fostering police legitimacy within the community. The Saskatchewan Indigenous Institute of Technology has recently suggested that we work on partnering on certain events in order to connect their students with the Saskatoon Police Service officers.</p>
	<p>*Continue to provide funding and support of Wanuskewin.</p>	<p>*Annual funding for 2017 was allocated to Wanuskewin Heritage Park</p>	<p>*Continue to provide funding and support of Wanuskewin.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
	*Continue to encourage dignitaries and emcees to recognize Treaty 6 Territory and Homeland of the Métis in opening remarks at events.		*Continue to encourage dignitaries and emcees to recognize Treaty 6 Territory and Homeland of the Métis in opening remarks at events.
<b>Action #92: Ensure Aboriginal peoples have access to jobs, training and education opportunities; and they benefit from economic development.</b>			
Senior Management participated in a workshop on "Duty to Consult" and what that means for the City's developments.	*Initiate dialogue with First Nation rights-holders and stakeholders and bring forward Official Community Plan amendments that emphasize Aboriginal inclusion.	Long Range Planning is leading the review of the City OCP, Regional Planning will participate to ensure Aboriginal Inclusion language is incorporated where needed.	The City Official Community Plan is being reviewed and will incorporate Aboriginal Inclusion language.  * Aboriginal Employment Strategy
	Hire a Aboriginal Employment Consultant and Truth and Reconciliation Coordinator.	Waiting on approval for positions, hire person by end of 2017 start in 2018.	*sign MOU with SIIT (workforce, project partnerships) Refresh City of Saskatoon Aboriginal Employment Strategy.
			Host the 2018 International Aboriginal Tourism conference in partnership with Whitecap Dakota First Nation and Wanuskewin.
The City has consulted with Aboriginal people in regional planning discussions. First Nations with land holdings in Saskatoon and area have been engaged in the City's planning discussions.	*The next round of engagement on the Regional Plan will occur from December 2016 to February 2017, using a similar approach to the 2016 engagement. The Regional Plan is anticipated to be completed by April 2017.  *Identify potential opportunities for the City to partner with First Nation Treaty Land Entitlement (TLE) landholders within Saskatoon for land development.	As of September, 2017 all five partner municipalities endorsed in principle, the P4G Regional Plan and supporting documents. The Regional Plan will undergo legal review to prepare it to become the P4G Official Community Plan. A P4G District Planning Agreement and P4G Zoning Bylaw will be prepared over the next year to accompany the P4G OCP for submission to the Minister of Government Relations for approval.	There will be required public consultation prior to approval of the bylaws. First Nations will be encouraged to participate.
First Nation Community Profiles highlighting 11 First Nations with land holdings within the City were published through a partnership with SREDA. The two-page profiles are intended to promote economic development opportunities and highlight key attributes of each First Nation including leadership, strengths and assets.	*Engage First Nations in review and approval of two new First Nation Community Profiles. *Add new Profiles to City of Saskatoon website and SREDA website, and provide for First Nations use.	Community Profiles have been drafted for Fishing Lake First Nation, Thunderchild First Nation and finalized and posted on the City website for Kahkewistahaw First Nation.	Work with the communities to finalize the Community Profiles for Thunderchild and Fishing Lake. A new Community Profile may be required for Sakimay First Nation pending notice of land selection.

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p>The City of Saskatoon is a SHRC Employment Equity Partner and in 2014 adopted SHRC's new recommended target for Aboriginal employees to comprise 14% of the City's workforce. A Human Resources Diversity and Inclusion Action Plan and a Human Resources Aboriginal Employment Action Plan have been developed and various initiatives have been implemented by the City to increase job readiness, training, and employment of Aboriginal people.</p>	<p>*Investigate options for participating in the Export Aboriginal Recruitment program with Saskatchewan First Nations Natural Resource Centre of Excellence.</p>	<p>Work began over the summer of 2017 on the Developer's Resource, which will include tools and information in digital format to ease people through development processes. Focus will be on developing and interactive tool accessible from all types of devices.</p>	<p>*Launch the Developer's Resource in 2018 with a focus of making the tool available in compatible digital formats.</p>
<p>The Director of Aboriginal Relations chairs the Saskatoon Aboriginal Employment Partnership (SAEP) to engage a wide range of stakeholders in Aboriginal inclusion initiatives. Through this initiative, the partnership with SREDA, STC, GDI, SIIT, the private sector, and community-based organizations connects Aboriginal people with employment and business opportunities.</p>	<p>*Finalize the establishment of the non-profit organization to administer the SAEP.            *Develop and begin to implement a communication plan.            *Develop the SAEP website.            *Complete an Aboriginal employee supply/demand report.            *Hold an Industry Forum to share results of reports and best practices.</p>	<p>Completed Wanska Report and held Industry Forum in the Winter of 2017.</p>	<p>We will continue to look for opportunities to work with Aboriginal Planning Students, when possible.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
	<p>*Bring forward a report to City Council recommending that the City enter into discussions with the STC for the purpose of studying the feasibility of constructing and operating a hydropower station at the Saskatoon Weir.</p>	<p>March 2017 - City Council directed Administration to prepare a Memorandum of Understanding (MOU) with the Saskatoon Tribal Council that outlines a joint ownership model for the hydropower facility.  June 2017 - The Saskatoon Tribal Council, City of Saskatoon, University of Saskatchewan, and Meewasin Valley Authority participate in a Sweat Ceremony and Water Ceremony to signify the importance of partnership.  August 2017 - City Council approved the MOU with the Saskatoon Tribal Council.  September 2017 - The Saskatoon River Park Association presents a business plan for the whitewater park at a Special Meeting of City Council's Governance &amp; Priorities Committee.  October 2017 - The FNPA submits an Unsolicited Power Proposal to SaskPower for the Hydropower Project  November 15, 2017 - MOU Signing at the FNPA Western Canadian Indigenous Renewable Energy Forum (Tribal Chief Arcand and Mayor Clark).</p>	<p>Continue with the project feasibility study.</p>

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
	*Continue to support the Indigenous Recruiter position.		
	*Continue the summer student position with the SPS Cultural Resources Unit.	*The summer student position in the Cultural Resources Unit allows candidates to explore policing as a career option and the SPS Human Resources to evaluate the individual as a potential candidate for a full-time position.	*Continue the summer student program with the SPS Cultural Resources Unit; however we wish to explore how to make it more beneficial for the student and the Service. This includes the possibility to affect more than one student.
Saskatoon Public Library installed courtesy phones at Dr. Freda Ahnewkew, Mayfair and Frances Morrison Central Branches- allows people who don't own phones to connect with agencies, family etc.	Effective 2017.	*The SPS co-hosted, along with the Saskatoon Open Door Society, a volunteer Career Fair which was attended by various Indigenous people.	* The SPS will continue to partner with community based organizations to host events in our gymnasium. We are also going to pilot a diversity cadet program in January 2018 for high school students with a diverse background, including Indigenous youth.
Saskatoon Public Library offers practicum placements to students from SIIT- students from the Mental Health & Wellness Program – who interact with library patrons at Frances Morrison Central Library.	Effective 2016 & ongoing.		
Saskatoon Public Library increased the number of computers available at the same three branches to better serve people who live in core communities. This has also resulted in a decrease in patron incidents at Frances Morrison Central.	Effective 2017.		

RELATED CITY INITIATIVE	PLANNED INITIATIVES - 2017	PROGRESS 2017	PLANNED INITIATIVES 2018
<p><b>Action #93: Provide inclusive information about Aboriginal peoples to newcomers</b></p> <p>The City of Saskatoon, in partnership with OTC offered a two-day train the trainer program "Building New Relationships Program: First Nations and Newcomers" in February of 2015. Fifty-one participants who work with newcomers and from across many sectors took part. This information helped to address the shortfall in information provided by the federal government in citizenship kits.</p>	<p>The City will implement the new approach to procurement, focusing on cost effectiveness, environmental responsibility, sustainability, and inclusion of Aboriginal suppliers and contractors.</p> <ul style="list-style-type: none"> <li>• Host two more citizenship ceremonies (one with the SPS).</li> <li>• Hold a Building New Relationship workshop.</li> <li>• Implement Phase 3 of Moving Stories working with Newcomer and Aboriginal communities sharing stories.</li> </ul>	<p>*Partnered with the community and the Institute for Canadian Citizenship to host two citizenship ceremonies. One was under the theme of "Welcome to Treaty 6 Territory". The event took place at Wannuskewin.</p> <ul style="list-style-type: none"> <li>* Worked with the Newcomer Information Centre (NIC) to bring 40 newcomers to the Walk for Reconciliation</li> <li>*Partnered with the NIC to provide a bus tour for the Building Bridges program at the UoFS (a collaborative group from the International Student and Study Abroad Centre and the Aboriginal Student Centre).</li> </ul>	<p>Pending funding,</p> <ul style="list-style-type: none"> <li>*offer one Building the New Relationships train the trainer program with the OTC</li> <li>* Partner with the Newcomer Information Centre to do two bus trips: an awareness session and bus trip to a Pow Wow and: a trip to the Walk for Reconciliation : possibly a third working with the Building Bridges group at the UoFS.</li> </ul>

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## Request for Permission to Exceed 25% of Contract – Compost Screening

### Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That the Administration be given approval for Contract No. 17-0579, Compost Screening with The Lawn Loggers Ltd. to exceed 25% of the contract value and be extended by \$27,282.50, including taxes; and
2. That Purchasing Services issue the appropriate change notice in the amount of \$27,282.50.

### Topic and Purpose

The purpose of this report is to request approval to exceed 25% of the contract value for Contract No. 17-0579, Compost Screening with The Lawn Loggers Ltd.

### Report Highlights

1. Screening is the final step in processing compost. It removes oversized materials like large wood, rocks, and other unsuitable materials from the soil. Screened compost is used by Parks, community gardens and the general public.
2. Several factors have contributed to contract overages in 2017. The Administration is requesting permission to exceed 25% of the original contract value, in the amount of \$27,282.50, including taxes.

### Strategic Goal

The recommendation in this report supports the Strategic Goal of Environmental Leadership including the four-year priority to promote and facilitate city-wide composting and reduce the volume of waste sent to the Landfill. It also supports the long-term strategies to eliminate the need for a new Landfill and to reduce greenhouse gas emissions tied to City operations. In addition, it supports the Waste Diversion Performance Target to divert 70% of waste by 2023.

### Background

On July 24, 2017, a request for compost screening services was issued through an invitational tender. The original estimate for the screening work was less than \$75,000 and therefore did not require a publicly advertised tender. Contractors who had provided screening services for the City's compost depots in prior years were invited to bid on the 2017 work. Three bids were received and the contract was awarded on August 25, 2017 to the lowest bidder, The Lawn Loggers Ltd. in the amount of \$33,477.60, including taxes.

## **Report**

### **Compost Screening**

Screening is the final step in the process of manufacturing compost. It removes oversized material such as larger wood chips, stones and other deleterious materials. The final product is fine enough for direct addition into gardens, flower beds and nursery beds. Screened compost is used by Parks, community gardens, and the general public. Due to funding pressures, screening work was not conducted in 2015 or 2016. As a result, there was significant stockpiling of finished compost requiring screening in 2017.

In June 2017, the Administration completed surveys of all stockpiled material and determined that approximately 6,500 cubic metres of finished compost required screening. The tendering process required all interested bidders to attend a mandatory site meeting to view the material stockpiles. Bids for the screening work were based on the total volume of materials to be screened, however, final payment was to be made on final screened volumes only (i.e. no payment for reject material that did not pass through the screen size). The Administration anticipated that payment would be required for a total of 5,200 cubic metres of screened compost, assuming that approximately 20% of the material would not pass through the required screen size.

In prior years, pricing for this work had been up to \$12.00 per cubic metre so the Administration used a similar unit rate for the 2017 estimates. The original estimate for the 2017 screening work was \$70,000, including taxes. The compost screening tender in 2017 resulted in a value of \$5.80 per cubic metre and the screening contract was awarded at less than half of the original estimate.

### **Increased Contract Costs**

Several factors contributed to increased contract costs for the screening work this season. The additional costs incurred were \$27,282.50, including taxes. An increase in the quantity of materials received at the compost depots in recent years combined with no material processing in 2015 or 2016 resulted in space constraints at the depots. As a result, additional finished compost was added to the stockpiles after the survey was conducted in June and before screening started in September, thus increasing the total volume of material requiring screening. In addition, the reject material after screening was less than originally anticipated resulting in higher volumes of final product requiring payment.

Although the contract costs exceeded the original amount by 81%, it was still within the original cost estimates for this work to be less than \$70,000. The final measured volume of screened compost was 9,438 cubic metres. The total cost to complete the screening work was \$60,760.10, including taxes. The Administration is requesting City Council approval to extend Contract No. 17-0579 with The Lawn Loggers Ltd. in the amount of \$27,282.50, including taxes.

Administration will be undertaking a detailed review of contract estimates, survey timelines, and contract clauses to limit risk of over expenditure in 2018.

**Options to the Recommendation**

There are no other options available as the contractor has already completed the work.

**Policy Implications**

The recommendation is in accordance with the Corporate Purchasing Procedure (Administrative Policy A02-027) where the request for extension exceeds 25% of the approved contract value and thus requires City Council approval.

**Financial Implications**

Compost depot operations are funded from the Compost Depots Utility Budget under the Waste Services Utility. The 2017 Compost Screening contract was awarded at \$33,477.60, including taxes. The additional funding request for the work completed this season is \$27,282.50, including taxes for a total project cost of \$60,760.10, including taxes.

The cost breakdown is as follows:

Original Contract Cost	\$30,160.00
Change Order Cost	24,578.83
GST	2,736.94
PST	<u>3,284.33</u>
Total Revised Contract Cost	\$60,760.10
Less GST Rebate	<u>(2,736.94)</u>
Total Revised Net Cost to the City	<u>\$58,023.16</u>

The Compost Depots Utility Budget does not contain sufficient funding to cover these costs, and any over expenditures will be backfilled from an increased transfer from the Landfill Operating Budget which in turn will reduce the amount that can be transferred to the Landfill Replacement Reserve.

**Environmental Implications**

Compost depot operations divert approximately 12,000 tonnes of organic materials from the Landfill every year, resulting in a reduction in greenhouse gas emissions and an increase in Landfill life.

**Other Considerations/Implications**

There are no public and/or stakeholder involvement, communication, privacy, or CPTED implications or considerations.

**Due Date for Follow-up and/or Project Completion**

An update on the Compost Depot operations will be included in the 2017 Integrated Waste Management Annual Report.

**Public Notice**

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

**Report Approval**

Written by: Riwaj Adhikari, Operations Engineer, Logistics & Procurement  
Roland Rusnell, Environmental Technologist, Water & Waste Stream

Reviewed by: Brodie Thompson, Manager of Logistics & Procurement  
Michelle Jelinski, Senior Project Management Engineer, Water & Waste Stream  
Russ Munro, Director of Water & Waste Stream  
Angela Gardiner, Acting General Manager, Transportation & Utilities Department

Approved by: Jeff Jorgenson, Acting General Manager, Corporate Performance Department

EUCS – RA RR – Request for Permission to Exceed 25% of Contract – Compost Screening

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## Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements

### Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

That Bylaw No. 8880 – Private Sewer and Water Service Connection Bylaw, 2010 be amended to reflect the deferred payment program as outlined in this report.

### Topic and Purpose

The purpose of this report is to describe the deferred payment program currently offered where lead service lines require replacement and seek approval from City Council to include all aspects of the City's current practice in the program approved by City Council on March 27, 2017.

### Report Highlights

1. In 2010, the City made it mandatory to fully replace failed/disturbed lead service connections. If a sewer service line is made of materials no longer in compliance with the city specifications, it is highly recommended to replace the service connection when the lead water service connection is replaced.
2. Commercial, owner-occupied and not-owner occupied residential properties have all participated in the one-year deferred payment program since 2010.
3. Since April 1, 2017, over 600 properties have participated in the deferred payment program with the one, three, five or ten-year (Low Income Cut Off (LICO)) repayment options.

### Strategic Goals

The information presented in this report supports the Strategic Goals of Quality of Life and Asset and Financial Sustainability. Non-compliant service connections have been identified as either potential health risks or costly to maintain, in both cases the City maintains a strategy of full replacement which improves the quality of life and supports reducing costs. The deferred payment program options help to ensure failing infrastructure and service connections made of materials no longer in compliance with the specifications are being replaced in a cost-effective manner to both the homeowner and the City.

### Background

At its meeting held on March 27, 2017, City Council considered the Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements report and resolved:

- “1. That City Council approve adding three-year deferral and five-year deferral options for mandatory Lead Service Line replacements to the existing payment options with a tax deferred program similar to The Low-Income Seniors Property Tax Deferral Bylaw, 2012; and
2. That City Council instruct the Solicitor’s Office to prepare a new bylaw for this Lead Service Line replacement tax deferred program.”

The contents of this report clarifies the program that is currently in place and seeks approval to amend the Bylaw to reflect the program as it is currently being administered.

## **Report**

### Scope of Work to Include Sewer Connections

The Administration has proceeded with the lead line connection replacement program in 2017 which in all cases included replacement of the sewer connection in conjunction with the water connection. Replacing the sewer connection at the same time is more efficient, only one excavation is required, and the result is a lower cost to both the City and property owner. Given that the scope of the work has included both water and sewer connections, the Administration’s intention is to permit the costs of both the lead line connection and the sewer connection (where applicable) to be included in the deferred payment program.

### Eligibility for Program

Commercial, owner-occupied and not-owner occupied residential properties (as opposed to only residential owner-occupied properties) have all participated in the one-year deferred payment program since 2010. The Broadway rehabilitation project is a recent example where the one-year deferred payment program was applied for both water and sewer service connections and was well received by residents, rental property and commercial owners alike. The Administration’s intention is to continue with the same eligibility criteria with the new three and five-year deferral options that were previously approved by City Council.

### Status of 2017 Program

The deferred payment program was made available to all properties including owner occupied, not-owner occupied residential and commercial. In the Water and Sewer Connection Replacement Selection of the Option Contract, property owners have the option to use the City’s contractor and either:

- a) Pay the contractor directly, or
- b) The City pays the contractor on behalf of the property owner, and the property owner agrees to have the amount of this payment added to the 2018 property taxes with either a one, three, five or ten-year (ten-year available only to LICO qualified applicants) deferral period.

The uptake in the program since April 1, 2017 is summarized in the chart below:

## Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements

W&S Connection Replacements April 1, 2017 to November 2017  
Financing Options by Property Type

Financing Option	Owner Occupied	Not Owner Occupied	Business	Total
1 Year	216	73	25	314
3 Year	76	19	4	99
5 Year	134	42	21	197
10 Year (LICO)	11	1	0	12
Totals	437	135	50	622

The Administration is recommending that the City Solicitor be directed to amend Bylaw No. 8880 - Private Sewer and Water Service Connection Bylaw, 2010 to reflect both the scope of costs that can be deferred, as well as the property owner types as depicted above.

### Options to the Recommendation

If the recommended amendments are not included, only homeowners of residential owner-occupied properties undergoing a lead service replacement of their water line, will be qualified to use the deferred payment program. As this is not how the program has been administered to date, the Administration does not recommend this option.

### Public and/or Stakeholder Involvement

Feedback from residents in 2017 who underwent mandatory Lead Service Line (LSL) replacement showed support for change in the payment deferral options.

### Communication Plan

Information explaining the Clean Water and Wastewater Fund projects and associated LSL replacements has been communicated to the affected residents. Any changes in payment deferral options and associated costs will be provided to the homeowners whose residences are scheduled for LSL replacement in 2017 and/or 2018.

### Environmental Implications

Historical use of lead for manufacturing of materials such as plumbing pipes and fixtures, paints, and gasoline additives has dispersed lead extensively throughout the environment. Today, lead is understood to be a significant environmental hazard, with long-term human health impacts linked to exposure. Governments began phasing out lead in manufacturing in the 1970s; food and drinking water are now identified as the primary source for lead exposure in Canada. Full replacement of LSLs is an effective action the City can take to mitigate long-term health risks for residents.

Replacement of LSLs will also result in the consumption of energy and materials and the generation of greenhouse gas emissions. The overall impact on greenhouse gases has not been quantified at this time.

**Other Considerations/Implications**

There are no policy, financial, privacy, or CPTED implications or considerations.

**Due Date for Follow-up and/or Project Completion**

Administration will be contacting homeowners to obtain the necessary agreements to perform service connection replacement work prior to the 2018 construction season.

**Public Notice**

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

**Attachment**

1. Report - Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements, Dated March 13, 2017

**Report Approval**

Written by: Celene Anger, Director of Construction & Design  
Approved by: Angela Gardiner, Acting General Manager, Transportation & Utilities Department

EUCS CA - Property Owner Payment Deferral Options for Mandatory LSL Replacements

## Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements

### Recommendation

That the Standing Policy Committee on Environment, Utilities and Corporate Services recommend to City Council:

1. That City Council approve adding three-year deferral and five-year deferral options for mandatory Lead Service Line replacements to the existing payment options with a tax deferral program similar to *The Low-Income Seniors Property Tax Deferral Bylaw, 2012*.
2. That City Council instruct the Solicitor's Office to prepare a new bylaw for this Lead Service Line replacement tax deferral program.

### Topic and Purpose

The purpose of this report is to obtain City Council's approval to alter the current payment options available to homeowners who must undergo mandatory Lead Service Line (LSL) replacements through City programs in an effort to make the costs more affordable for the homeowners.

### Report Highlights

1. The City is responsible for service connections from the main line to the property line; and homeowners are responsible for the portion from the property line to the building. In 2010, the City made it mandatory to fully replace failed/disturbed lead service connections.
2. A cost-sharing program is offered to homeowners who qualify; the City pays 60% of the replacement costs, and the homeowner pays 40%, with a cap on the homeowner's costs.
3. In May 2016, City Council approved the accelerated replacement of LSLs; therefore, the remaining 4900 LSLs will be replaced by the end of 2026.
4. Federal Clean Water & Wastewater Fund (CWWF) money is being used to replace approximately 900 LSLs as part of Capital Project work in 2017.
5. Administration recently hosted two Information Sessions for the CWWF projects. Feedback from residents who are to undergo mandatory LSL replacement showed a great desire for change in the payment options.

### Strategic Goals

The information presented in this report support the Strategic Goals of Quality of Life and Asset and Financial Sustainability. Lead service connections have been identified as potential health risks; therefore, the full replacement of lead connections is a strategy to reduce this risk and improves quality of life by virtually eliminating the need for affected property owners to take daily action to reduce their exposure to lead in their drinking water. Revising the payment options will help to ensure failing infrastructure

and service connections made of materials no longer in compliance with the specifications are being replaced in a cost-effective manner to both the homeowner and the City.

### **Background**

The Water and Sewer Service Connection Rehabilitation on Private Property - Disturbance of Lead Water Service Connections report was adopted by City Council, at its meeting held on April 12, 2010.

*The Low-Income Seniors Property Tax Deferral Bylaw, 2012* was approved and came into effect at the April 2012 Council Meeting. This bylaw allows low-income seniors to have some or all of their property taxes deferred with an annual application to Council.

A report recommending an accelerated approach to LSL replacement was received as information by the Standing Policy Committee on Environment, Utilities and Corporate Services on May 9, 2016, and budget considerations were approved during the 2017 Budget deliberations.

On June 27, 2016, a report recommending the use of CWWF money to accelerate LSL replacements in addition to water and sewer main replacement was adopted. In addition, at the June 2016 Council meeting Bylaw 8880, *The Private Sewer and Water Service Connection Bylaw, 2010* was updated to reflect the current LSL replacement practices.

### **Report**

The City has mandated that the full LSL must be replaced when it leaks or becomes disturbed, as failure to do so can increase lead levels in the water inside the affected home. In an effort to make this program more palatable and affordable for homeowners who are required to undergo this work, the homeowner cost has been capped at 40% of the contract cost of the connection replacement (based on the City's annual LSL replacement contract). There have been three payment options made available to homeowners:

1. Pay the whole amount directly to the contractor who does the work;
2. The City pays the Contractor and adds the amount on to the following year's property taxes, interest free; and
3. Homeowners who fall below the Low Income Cut-Off (LICO) mark as set out by Statistics Canada qualify for a 10-year payment deferral of the LSL replacement amount that has been added to their property taxes, which is not interest free. The interest rate for this option is currently set by Corporate Revenue.

The current payment contract with these options is shown in Attachment 1 - Current Selection of Option Contract Package.

Starting in 2017, the City will be implementing an accelerated approach to replacing the remaining LSL inventory. This means that all remaining 4900 LSLs will be replaced in

the next 10 years and that the LSL replacement work will now be coordinated with water main replacement work. On top of the accelerated approach, the CWWF grant allows for the completion of a large volume of work in 2017. In short, approximately 900 LSLs will be replaced in 2017 using a more neighbourhood-based approach than in previous years. The distribution of the remaining LSL inventory is shown in Attachment 2 - 2016 Lead Service Line Inventory.

The recommendation is that City Council approve adding the following payment options to the existing payment options:

1. The City pays the Contractor and adds the amount on to the following year's property taxes. This amount is then deferred and repaid by the homeowner over a three-year period; and
2. The City pays the Contractor and adds the amount on to the following year's property taxes. This amount is then deferred and repaid by the homeowner over a five-year period.

These two payment options would allow property owners to repay the City over either a three-year period or a five-year period by having a decreasing portion of the original amount deferred each year until the amount is paid off and the lien discharged. The property owner would not need to meet the LICO criteria to qualify for these options. There would be an administration fee charged for each option, one fee for the three-year option and one fee for the five-year option, in order to recover the City's administrative costs related to processing of the payment and registering the amount as a tax lien on the property. These administration fees would be calculated and updated by Corporate Revenue. The property owner would make a one-time deferral application for the time period of their choice when they sign the payment option contract and would not need to make an annual deferral application. If the property is sold, the property owner dies, or the property owner defaults on the payments then the remaining balance of the amount would become due and owing, similar to the structure of *The Low-Income Seniors Property Tax Deferral Bylaw, 2012*.

If the recommendation is approved and until the new bylaw can be drafted and approved, as an interim solution Administration would advise affected homeowners that additional three-year and five-year payment options are being set up and that until the new bylaw is in place they should choose the existing one-year add to taxes option. Homeowners who indicate they intend to utilize the three and five year deferral plans will be contacted by Administration once the new bylaw is approved, and will be provided with the deferral application that will be developed.

The new payment options will be offered to homeowners who had or are scheduled to have their connection replacement on or after January 1, 2017. Homeowners who had their connections replacement prior to January 1, 2017, would not be eligible for the new payment options as their replacement amounts would already be applied to their property taxes.

### **Options to the Recommendation**

One option is to keep the existing payment options. This means that over the next ten years of accelerated LSL replacement, homeowners who do not qualify for the 10-year LICO deferral would see an increase of \$260.00 per month or more added to their property taxes for one year.

### **Public and/or Stakeholder Involvement**

Administration recently hosted two Information Sessions for the CWWF projects. Feedback from residents who are to undergo mandatory LSL replacement showed a great desire for change in the payment options.

### **Communication Plan**

Information explaining the CWWF projects and associated LSL replacements has already been communicated to the affected residents. Any changes in payment options and associated costs will be provided to the homeowners whose residences are scheduled for LSL replacement in 2017.

### **Policy Implications**

It would be necessary for the City Solicitor's Office to draft a new bylaw governing this new tax deferral program for LSL replacements. Administration could selectively apply eligibility criteria from existing bylaws, with Council approval, until the new bylaw can be drafted and approved.

### **Financial Implications**

As it is difficult to determine the exact uptake in the deferral program and which options will be selected by residents, the financial implications represent an estimate based on certain assumptions.

The largest financial impact to the City would be if 100% of residents selected the 10-year deferral option. This would result in the following:

1. Approximately \$1.0M in interest revenue for the City of Saskatoon would be forgone. This interest is revenue that the City would have otherwise received on its investment earnings.
2. Due to the timing of repayments, the most the City would expect to have outstanding at any given time would be approximately \$5.0M (in year 10). These loans would be supported by the City's cash holdings, which are estimated to be sufficient to support the program.

As not all residents are expected to select the five-year deferral option, the actual Financial Impact to the City will be between \$0 and \$1.0M in interest revenue and between \$0 and \$5.0M in outstanding deferrals at any given time.

### **Environmental Implications**

Historical use of lead for manufacturing of materials such as plumbing pipes and fixtures, paints, and gasoline additives has dispersed lead extensively throughout our environment. Today, lead is understood to be a significant environmental hazard, with

long-term human health impacts linked to exposure. Governments began phasing out lead in manufacturing in the 1970s; food and drinking water are now identified as the primary source for lead exposure in Canada. Full replacement of LSLs is an effective action the City can take to mitigate long term health risks for residents.

Replacement of LSLs will also result in the consumption of energy and materials and the generation of greenhouse gas emissions. The overall impact on greenhouse gases has not been quantified at this time.

**Other Considerations/Implications**

There are no privacy, or CPTED implications or considerations.

**Due Date for Follow-up and/or Project Completion**

Administration is currently contacting homeowners to obtain the necessary agreements to perform LSL replacement work during the 2017 construction season. Changes in payment options should be implemented no later than May 1, 2017. All CWWF funded work must be complete by March 31, 2018.

**Public Notice**

Public Notice pursuant to Section 3 of Policy No. C01-021, Public Notice Policy, is not required.

**Attachments**

1. Current Selection of Option Contract Package
2. 2016 Lead Service Line Inventory

**Report Approval**

Written by: Caleb Ripley, Project Engineer, Construction & Design  
Reviewed by: Sohrab Khan, Senior Project Management Engineer, Construction & Design  
Reviewed by: Matt Jurkiewicz, Engineering Manager, Construction & Design  
Reviewed by: Celene Anger, Director of Construction & Design  
Reviewed by: Clae Hack, Director of Finance, Asset & Financial Management  
Reviewed by: Shelley Sutherland, Director of Corporate Revenue, Asset & Financial Management  
Reviewed by: Kerry Tarasoff, CFO/General Manager, Asset and Financial Management Dept.  
Approved by: Jeff Jorgenson, General Manager, Transportation & Utilities Department

EUCS CR - Property Owner Payment Deferral Options for Mandatory Lead Service Line Replacements

*“Approved by Jeff Jorgenson, GM of T & U Department, March 7, 2017”*

**Water and Sewer Connection Replacement Selection of Option  
Contract  
Between the Property Owner and the City of Saskatoon and the Contractor**

The Property Owner has lead water connection service lines that must be replaced right up to the water meter in the Property Owner's house. The Property Owner (or authorized agent on behalf of the Property Owner) has chosen to have this work done and paid for as indicated by the boxes marked below:

1.  **Use City's Contractor:** The Contractor will replace the water and sewer line up to the outer wall of the house only for \$3,016.00 + GST. NOTE: (1) The Property Owner is responsible for all costs of water and sewer hook-up from there, including replacing the lead line right up to the water meter. (2) This does not include landscaping or other restoration on private property. **If choosing this option, choose payment option A or B below:**
  - A.  Pay Contractor Directly. The Property Owner agrees to pay the Contractor directly for the above amounts. The Property Owner agrees that clause 4, *Warranty* from the attached Deferred Payment Terms and Conditions applies.
  - B.  The City pays the Contractor on behalf of the Property Owner, and the Property Owner agrees to have that amount added to the 2018 property taxes. The Property Owner agrees that the Deferred Payment Terms and Conditions attached apply in full, and agrees that the signature on this document authorizes the City and the Contractor to proceed as per the Deferred Payment Terms and Conditions attached hereto.

**OR**

2.  **Use Independent Contractor:** The Property Owner will arrange to hire a licensed water and sewer contractor to replace the lead water service connection, from the property line to the water meter, of the property outlined below, by \_\_\_\_\_. The Property Owner understands that if work required is not completed by the stated date, the City will arrange to have the work done and the full costs thereof will be charged to the property taxes pursuant to Sections 22, 24, 333 and 361 of *The Cities Act*, and the Property Owner hereby authorizes the same.

3. The address of the property having connection replaced is: \_\_\_\_\_

4. Property Owner's Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone: (\_\_\_\_) \_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_  
Signature of Property Owner (or Authorized Agent)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Name of Witness (please print name)

**If applicable:** As Authorized Agent, I represent and warrant to the City and the Contractor that I have the Property Owner's full legal authority to enter into this Agreement on his or her behalf.

\_\_\_\_\_  
Name of Authorized Agent (please print name)

\_\_\_\_\_  
Address & Telephone Number

## Deferred Payment Agreement Terms and Conditions

Whereas the City, by means of the Contractor, is replacing or repairing the City's water and/or sewer line to which the Property Owner's property connects; and

Whereas the Property Owner has retained the City's Contractor to replace the Property Owner's water and/or sewer connection at the same time;

And Whereas the Property Owner has chosen not to pay the Contractor directly, but has chosen to use one of the payment deferred options described below;

Now Therefore, parties hereby agree:

### **The City will pay to the Contractor on behalf of Property Owner, and Property Owner will Reimburse the City**

1. In consideration of the work and services supplied by the City's Contractor, the Property Owner understands and agrees that upon the Property Owner providing the Signed Original copy of this Agreement to the Contractor, along with a signed copy of the Contractor's invoice indicating that the work has been completed, the City will pay, on behalf of the Property Owner, the above sum plus GST to the contractor on the Property Owner's behalf.
2. The Property Owner agrees that the Property Owner will reimburse the City for such sum paid by the City to the Contractor on the Property Owner's behalf as follows:

(a)  **Short Term Deferral**

The Property Owner agrees that if the work and services are provided before September 30th, of any year, the said amount will appear as a pending liability on the Property Owner's property tax information and will be added to the Property Owner's property taxes for the following year, and is payable in full on or before June 30th, of that following year. If the work and services are provided after September 30th, in any year, the said amount will appear as a pending liability on the Property Owner's property tax information and will be added to the Property Owner's property taxes for the year after the following year, and will be payable in full on or before June 30th, of the year after the following year.

[For example, for work done in August, 2017, the amount will be added to the 2018 taxes and is payable in full on or before June 30, 2018. For work done in October, 2017, the amount will be added to the 2019 taxes and is payable in full on or before June 30, 2019. If the Property Owner uses TIPP's, the appropriate sums will be added and charged through that program.]

**OR**

- (b)  **Long Term Deferral** (Available ONLY to Qualified Low Income Property Owners)

**Qualified Low Income Earner** means a person with an income lower than the Low Income Cut Off (LICO) published by Statistics Canada from time to time. Complete the attached Schedule "A" if you qualify. If you do, the completed Schedule "A" and documents required by Schedule "A" must be submitted directly to the City in the envelope provided for verification by the City.

The Property Owner agrees that the amount due for the work and services, plus a property tax lien fee of \$90.00, will be added to the Property Owner's property taxes. Then, 1/10th of the above sum is due and payable on or before June 30th of the following year. In each year thereafter, 1/10th of the said above sum, plus interest on the entire outstanding balance at 3.20% per annum, is due and payable on or before June 30th of each following year until the full amount (and interest) has been paid in full. These are the minimum payments required, but the Property Owner may pay additional sums, if desired, in which case the sums owing will be adjusted accordingly.

[For example, if the work and services are \$2,000.00, and the work is done in 2016, the sum of \$2,090.00 will be added to the 2018 property taxes. Then, on June 30, 2018, 1/10th of the amount (\$209.00) is due and payable. On June 30, 2019 to and including June 30, 2027, the sum of \$209.00, plus interest on the entire balance outstanding at 3.20% per annum is due and payable. If the Property Owner uses TIPP's, the appropriate sums will be added and charged through TIPP's.]

### **What happens if Property Owner fails to repay the City**

3. If the Property Owner fails to pay any of the sums on the due date or dates, the amounts then due, together with and any future sums that may become due, shall be due and payable immediately as arrears of taxes, and the City shall be entitled to collect the same as property tax arrears, together with the City's normal penalties and interest through the City's normal property tax collection system, up to and including taking the property for unpaid taxes.

### **Warranty**

4. The Property Owner and the Contractor agree that any warranty for the work done by the Contractor for the Property Owner is provided by the Contractor, and they both agree that the City has not and does not warranty the Contractor's work, and the City is not liable for such work in any circumstances.

## Schedule "A" LICO Application Form – Long Term Deferral

### Applicant Information

Name: \_\_\_\_\_

Property Address: \_\_\_\_\_

Telephone: ( \_\_\_\_\_ ) \_\_\_\_\_

Email: \_\_\_\_\_

A Saskatoon household whose total household income falls under Statistics Canada's Low Income Cut Offs (LICO) is eligible for this program. Below is a chart that outlines LICO's maximum acceptable income levels per household based on the number of people in the immediate family. Please refer to this chart to see if your household qualifies.

Size of Family Unit	1	2	3	4	5	6	7 or more
<b>Total Household Income</b>	\$20,952	\$26,082	\$32,065	\$38,931	\$44,154	\$49,800	\$55,444

**Documentation Required** Income Verifying Requirement: A copy of your most recent Notice of Assessment from Canada Revenue Agency is **REQUIRED** for each adult (married or common-law) within your household. If you do not have a copy of your Notice of Assessment, it can be obtained by calling 1-800-959-8281 and it will be mailed to you. Request the Option C Form or a Verified Copy of your most recent Income Tax Return.

**Household Members** If you qualify and wish to utilize this program, in the table below, list the people in your immediate family (parents/guardians and their children who are under 19 years of age) that are currently living in your household along with their income from line 150 on the most recent Notice of Assessment from Revenue Canada. This includes a maximum of two adults. **Please print clearly.**

*Note: Adult children 19 years of age and over, roommates or other non-immediate family members, such as grandparents, are not to be included in your household numbers for the purposes of this application.*

	Last Name	First Name	Date of Birth	Income Level
<b>Applicant</b>				
<b>Spouse/Partner</b>				
<b>1<sup>st</sup> Dependent</b>				
<b>2<sup>nd</sup> Dependent</b>				
<b>3<sup>rd</sup> Dependent</b>				
<b>4<sup>th</sup> Dependent</b>				

I certify that all the information provided is correct, and hereby apply for Long Term Deferral set out in this application form and agree to be bound by the terms set out above.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

***The City of Saskatoon reserves the right to verify information provided on and with this application form.***

January 2017

## Lead Connection Information Sheet

According to our records, your home has a lead service connection, which is the pipe that supplies water from the water main in the street to your house. Most houses built prior to 1949 (approximately 6,000 homes in Saskatoon) have this type of connection.

As part of the City's regularly-scheduled replacement of deteriorated water and sewer mains, we will be in your area this spring replacing water service lines that run from the street to the houses.

We will be requiring replacement of your portion of the pipe as well, for health and safety reasons outlined in the formal letter. Some new information has been used from the American Water Works Association (AWWA), dated February 3, 2010, stating that:

"Permanently reducing lead in drinking water fundamentally rests on removing lead material from contact with drinking water, including lead service lines. Because customers are frequently reluctant to replace the portion of the lead service lines under their control, utilities sometimes replace on the utility portion of the line.

Recent utility research suggests that disrupting lead service lines—as occurs during lead service line replacement—substantially increase lead levels for a period of time. When lead pipe remains after the disruption, lead levels can continue to be elevated longer."

### Is there lead in the drinking water system? What is the acceptable level?

The drinking water leaving the Saskatoon Water Treatment Plant and in the distribution system is virtually lead free. However, lead may be present in household tap water due to its presence in the service connection or in household plumbing systems containing lead, including solder and brass fittings.

Small amounts of lead can dissolve into drinking water when it sits in household plumbing. In Saskatoon, water is treated such that it leaves a deposit which coats the plumbing system, and along with other water quality characteristics, may help reduce water contact with lead service connections or lead in plumbing systems.

Excess quantities of lead may impact human health, especially in small children; therefore, a very conservative limit has been set by Health Canada at 0.010 mg/L of lead in drinking water. This limit is based on long-term chronic effects, so short-term consumption of water above this limit does not necessarily pose undue risk to health. The lead level content in Saskatoon drinking water when it enters the distribution systems is less than 0.0001mg/L or 100 times lower than the Health Canada Limit.

Lead is also commonly found in soil, food, and consumer products.

### Some additional resources you can check out:

For additional information, visit Health Canada's website on drinking water at [www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/lead-plomb-eng.php](http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/lead-plomb-eng.php) and the American Water Works Association at: <http://www.awwa.org/publications/StreamlinesArticle.cfm?itemnumber=53926>

**Electrical Inspections**

**NOTICE**

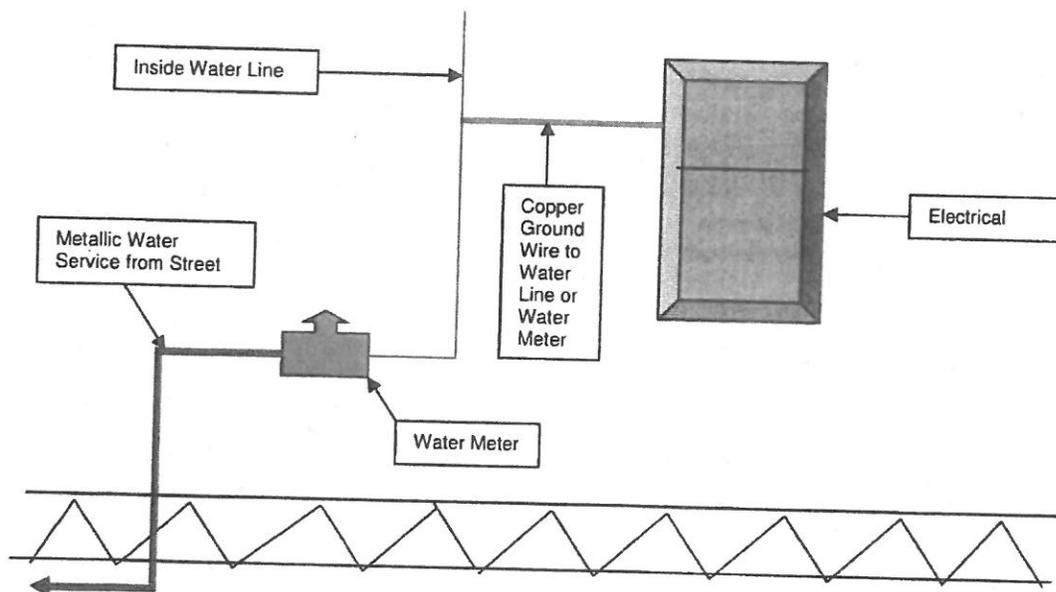
Old metallic water services (lead) are being replaced with new plastic lines in many areas in the city of Saskatoon.

In many cases the existing water service is being used as the grounding means for the electrical service in the house. Removal, or modification, of the metallic water line may disrupt the integrity of the grounding system for the house.

For the safety of you and your family, it is very important that the electrical service remain securely grounded at all times.

If the ground for the electrical service in your home has been altered in any way, please contact a licensed Saskatchewan Electrical Contractor immediately and have them check, and/or repair, the grounding connection to the electrical service.

**If you have any questions or concerns, please call SaskPower's toll free number:  
1-888-757-6937**



(4) Notwithstanding subsections (1) to (3), a designated officer shall not enter any place that is a private dwelling without:

- (a) the consent of the owner or occupier of the private dwelling; or
- (b) a warrant issued pursuant to section 325 from a justice of the peace or a provincial court judge authorizing the entry.

2002, c.C-11.1, s.20.

**Right of entry re reading meters**

21 A city may enter any land or building to which a public utility service is provided:

- (a) for the purpose of reading meters; and
- (b) after making a reasonable effort to notify the owner or the occupant, for the purpose of installing, inspecting, replacing or removing meters and conducting sampling tests.

2002, c.C-11.1, s.21; 2003, c.18, s.7.

**Service connections**

22(1) The owner of a parcel of land is responsible for the construction, maintenance, repair and replacement of a service connection of a public utility located above, on or underneath the parcel of land, unless otherwise determined by the city.

(2) If the city is not satisfied with the construction, maintenance, repair or replacement of a service connection by the owner of a parcel of land, the city may require the owner to construct, maintain, repair or replace the service connection of a public utility in accordance with the city's instructions within a specified time.

(3) If an owner does not comply with a requirement of a city to the satisfaction of the city within the specified time, or in an emergency, the city may enter any land or building to construct, maintain, repair or replace the service connection.

(4) Notwithstanding the other provisions of this section, the council may, as a term of providing a public utility service to a parcel of land, give the city the authority to construct, maintain, repair and replace a service connection located above, on or underneath the parcel.

(5) A city that has the authority to construct, maintain, repair or replace a service connection pursuant to subsection (4) may enter any land or building for that purpose.

(6) After the city has constructed, maintained, repaired or replaced a service connection pursuant to subsection (5), the city shall restore any land it entered for that purpose as soon as is practicable.

(7) The city's costs relating to the construction, maintenance, repair or replacement and restoration pursuant to this section are an amount owing to the city by the owner of the parcel of land, unless otherwise determined by the city.

2002, c.C-11.1, s.22.

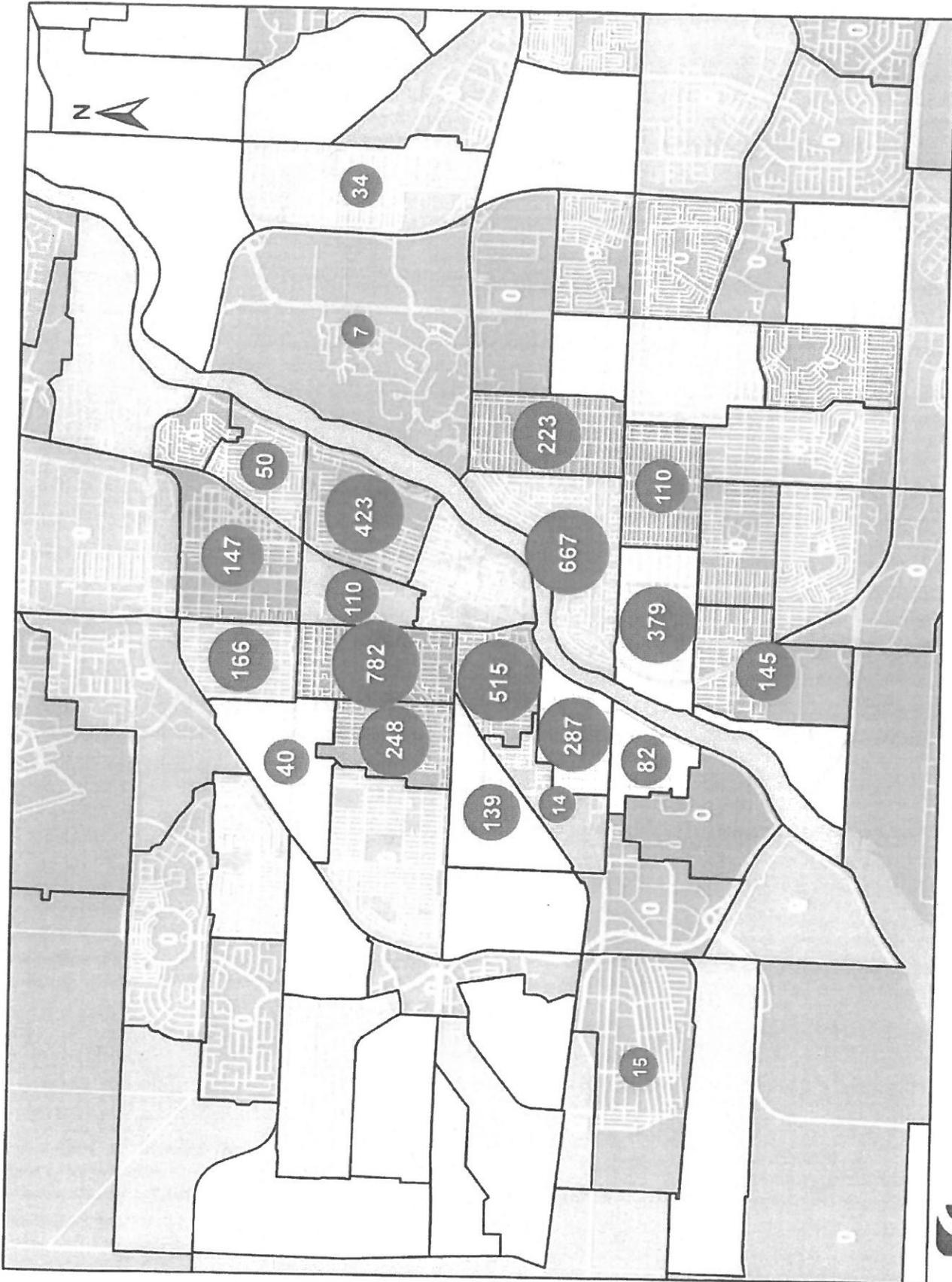


Figure 1

2016 Lead Service Line Inventory