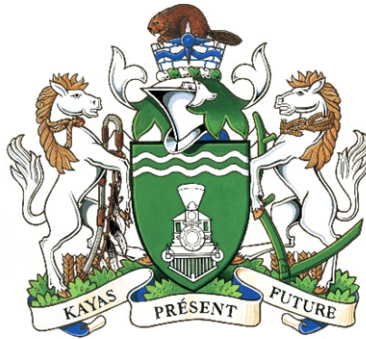


# CITY OF NORTH BATTLEFORD

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# PLANNING COMMITTEE AGENDA

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**Monday, May 16, 2022  
5:15 P.M.**

**PLANNING COMMITTEE MEETING  
TO BE HELD VIA ZOOM  
MONDAY, MAY 16, 2022, COMMENCING AT 5:15 P.M.**

**AGENDA**

**AGENDA** : Approval

**MINUTES** : Planning Committee Minutes – March 21, 2022

**DELEGATION** :

**UNFINISHED BUSINESS** :

**NEW BUSINESS** : CITY CLERK  
Re: City Survey - RCMP Annual Priorities

DIRECTOR OF PARKS & RECREATION  
Re: Urban Forestry Management Plan

**CORRESPONDENCE** :

**REPORTS** :

**INQUIRIES** :

**NEXT MEETING DATE** : Monday, June, 20<sup>th</sup>, 2022 @ 5:15 p.m.

**FREEDOM OF INFORMATION &  
PROTECTION OF PRIVACY ACT** : **Part III Exemptions**

**ADJOURNMENT** :

**MINUTES OF THE REGULAR PLANNING COMMITTEE MEETING OF THE CITY OF  
NORTH BATTLEFORD HELD VIA ZOOM, MONDAY, MARCH 21<sup>ST</sup>, 2022  
COMMENCING AT 5:15 P.M.**

**MEMBERS PRESENT:**

Mayor D. Gillan

Councillors K. Hawtin  
T. Ironstand  
G. Lightfoot  
R. MacAngus  
L. Taylor

**REGRETS:**

Councillor K. Lindgren

**ADMINISTRATION  
PRESENT:**

Randy Patrick, City Manager  
Jennifer Niesink, Director of Corporate Services  
Stacey Hadley, City Clerk  
Brent Nadon, Director of Finance  
Lindsay Holm, Director of Protective Services  
Cheryl DeNeire, Director of Parks & Recreation  
Stewart Schafer, Director of Operations  
Ryan Mackrell, Assistant Director of Corporate Services  
Brett Kitchen, Junior Planner

Deputy Mayor Lightfoot called the meeting to order at 5:15 p.m.

**AGENDA**

05/22 BE IT RESOLVED That the Planning Committee Agenda for March 21<sup>st</sup>, 2022,  
be approved.

Moved by Councillor Taylor  
CARRIED

**MINUTES**

06/22 BE IT RESOLVED That the Minutes of the Planning Committee Meeting held  
February 22<sup>nd</sup>, 2022, be adopted.

Moved by Councillor Hawtin  
CARRIED

**DELEGATIONS – None**

**UNFINISHED BUSINESS – None**

**NEW BUSINESS**

**DIRECTOR OF CORPORATE SERVICES**

**Re: 2021 Land Pricing Review**

The Junior Planner presented the 2021 Land Pricing Review and proposed the renewal of the Residential, Downtown Revitalization, Key Corridor and Heritage Tax Incentive Policies for an additional 2 years, amending the Residential Tax Incentive Policy to only apply to the Killdeer Park neighbourhood, and repricing the Killdeer Park, 10806 and 10810 Industrial Avenue lots.

*The Committee recommended that the Policy Changes be forwarded to a Regular Council Meeting for formal approval; and further, that additional information regarding the Killdeer Park lot repricing, acquisition and project financing also be provided at that time.*

**CITY CLERK**

**Re: Proposed Council & Committees Code of Ethics Bylaw**

The City Clerk provided information regarding the proposed Council & Committees Code of Ethics Bylaw and noted the new content with respect to the appointment, duties, and responsibilities of an Integrity Commissioner.

Discussion was held regarding the proposed changes and the implications with respect to budgeting for an Integrity Commissioner.

*The Committee recommended that draft Bylaw 2120, being the Council & Committees Code of Ethics Bylaw, be forwarded to the March 28<sup>th</sup>, 2022, Regular Council Meeting for introduction and first reading; and further, that additional information be provided with respect to budget implications.*

**CORRESPONDENCE – None**

**REPORTS – None**

**INQUIRIES**

Discussion was held regarding various inquiries of Council.

**NEXT MEETING DATE – Monday, April 18<sup>th</sup>, 2022, commencing at 5:15 p.m.**

**IN CAMERA**

07/22 BE IT RESOLVED That pursuant to Section 94 of the *Cities Act*, Part III of the *Local Government Freedom of Information and Protection of Privacy Act*, and as outlined in the Procedure Bylaw No. 2108, Schedule "A", that the meeting move In Camera at 5:59 p.m.

Moved by Councillor MacAngus  
CARRIED

**ADJOURNMENT**

08/22 BE IT RESOLVED That the meeting adjourn at 7:22 p.m.

Moved by Councillor Taylor  
CARRIED

\_\_\_\_\_  
CHAIR

\_\_\_\_\_  
RECORDING SECRETARY

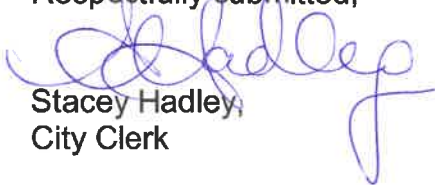
**MEETING DATE:** May 16, 2022**MEETING:** Planning Committee**TO:** Randy Patrick, City Manager**FROM:** Stacey Hadley, City Clerk**SUBJECT:** North Battleford RCMP Service Survey**Background and Explanation:**

Annually, the RCMP review their community priorities for the community year. During this time, it is customary for City Council to receive a questionnaire to provide feedback to the RCMP. This year, Administration developed an online survey to solicit feedback from the community for Council to utilize in the consideration of their submission.

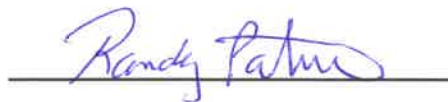
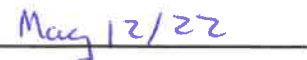
The survey was briefly open to the public from March 17 to March 21, 2022, in order to meet the City's deadlines. During that brief period of time the survey had a 100% completion rate with 337 responses with an overwhelmingly positive response.

The Survey is attached for reference.

Respectfully submitted,

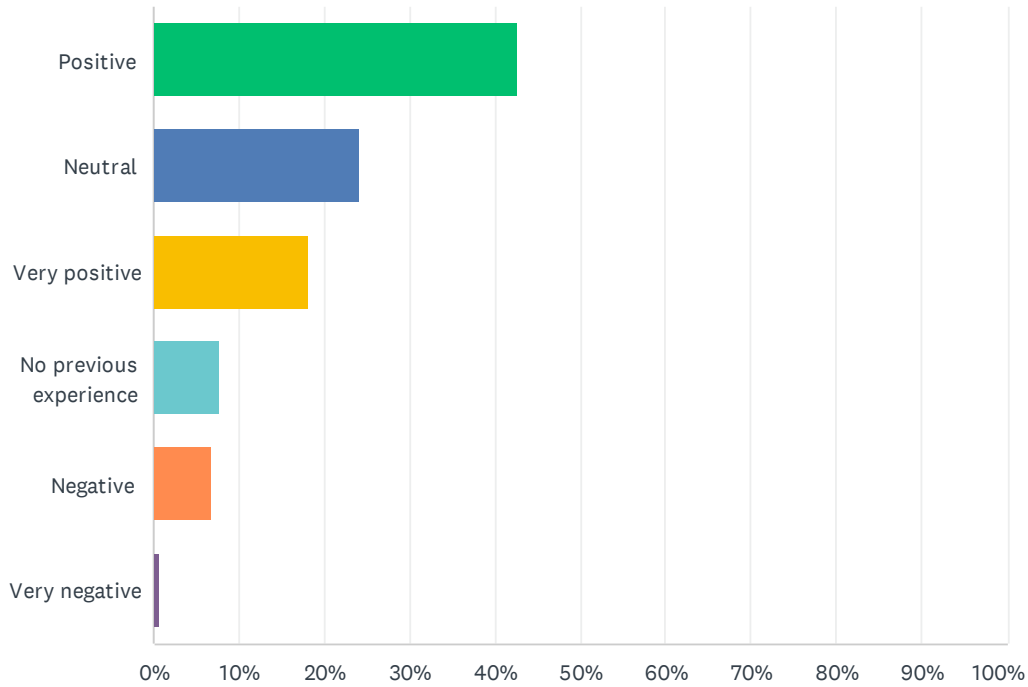


Stacey Hadley,  
City Clerk

**Approvals:****City Manager:****Date:**

# Q1 Overall, what has been your experience with the Battlefords RCMP detachment?

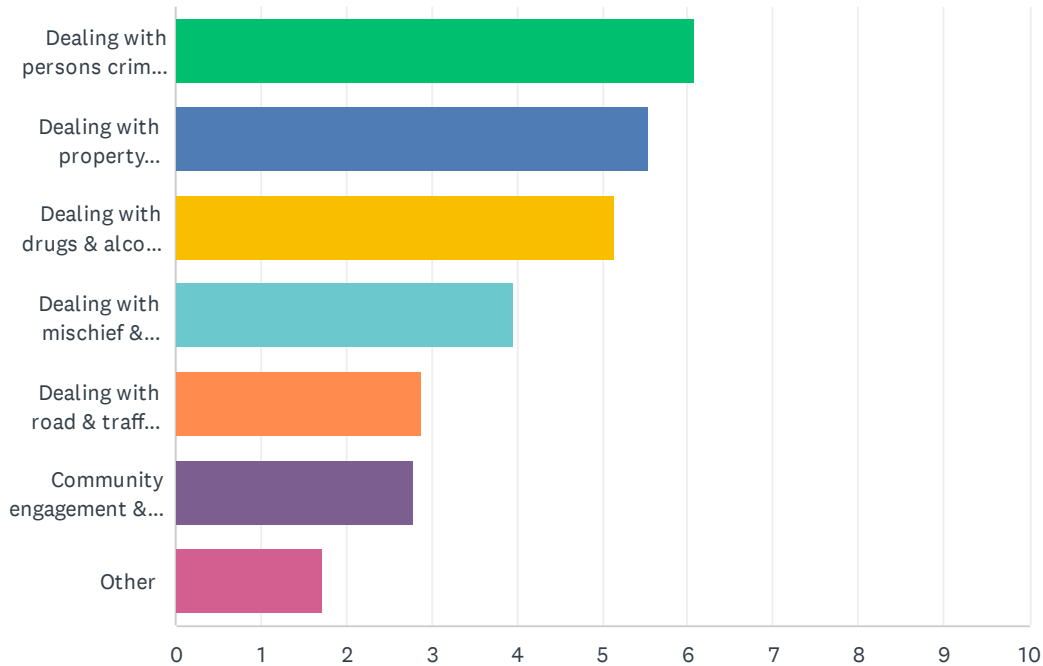
Answered: 336 Skipped: 1



ANSWER CHOICES	RESPONSES	
Positive	42.56%	143
Neutral	24.11%	81
Very positive	18.15%	61
No previous experience	7.74%	26
Negative	6.85%	23
Very negative	0.60%	2
<b>TOTAL</b>		<b>336</b>

## Q2 Please rank the following priorities (1 being the most important and 7 being least important)

Answered: 337 Skipped: 0

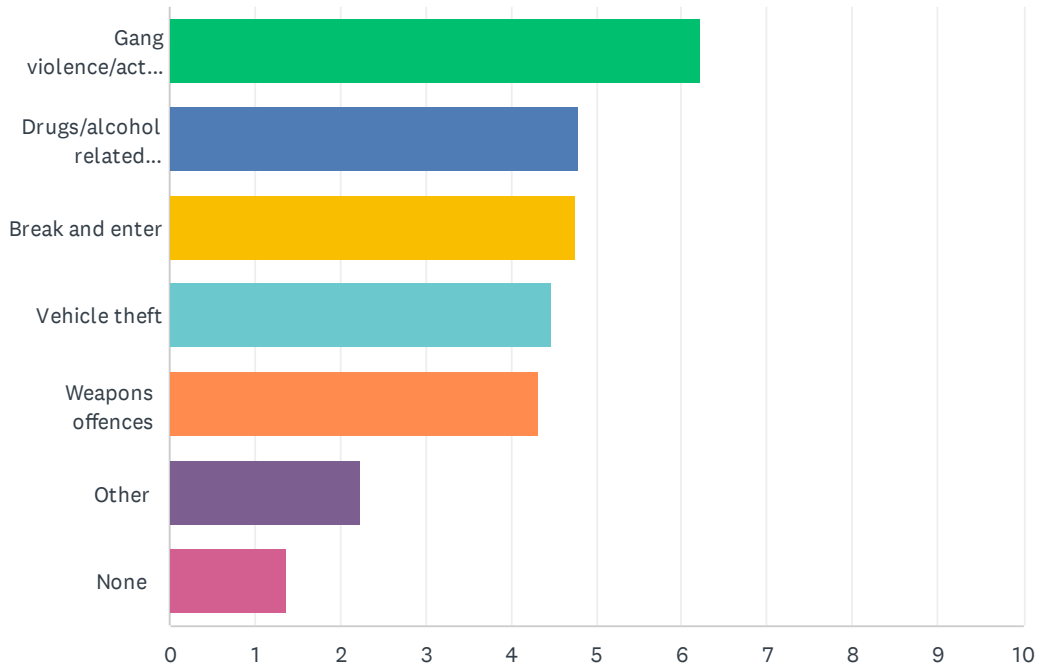


	1	2	3	4	5	6	7	TOTAL	SCORE
Dealing with persons crimes (robbery, assault, etc.)	50.61% 167	27.88% 92	10.91% 36	4.85% 16	2.12% 7	1.82% 6	1.82% 6	330	6.07
Dealing with property related crimes (theft, break & enter, etc.)	21.39% 71	38.55% 128	21.99% 73	11.45% 38	4.52% 15	1.51% 5	0.60% 2	332	5.54
Dealing with drugs & alcohol related issues	20.85% 69	18.13% 60	31.12% 103	18.73% 62	6.95% 23	3.32% 11	0.91% 3	331	5.14
Dealing with mischief & disturbing the peace	1.22% 4	7.60% 25	19.45% 64	39.82% 131	23.10% 76	7.29% 24	1.52% 5	329	3.96
Dealing with road & traffic safety	0.61% 2	3.07% 10	7.98% 26	11.04% 36	35.89% 117	30.67% 100	10.74% 35	326	2.87
Community engagement & education	3.33% 11	3.33% 11	5.45% 18	10.91% 36	23.64% 78	40.91% 135	12.42% 41	330	2.79
Other	3.10% 9	1.38% 4	2.76% 8	3.10% 9	5.17% 15	15.86% 46	68.62% 199	290	1.72



## Q4 Rank what you see as the most prevalent crime issues facing your community? (1 being the most prevalent and 7 being the least prevalent)

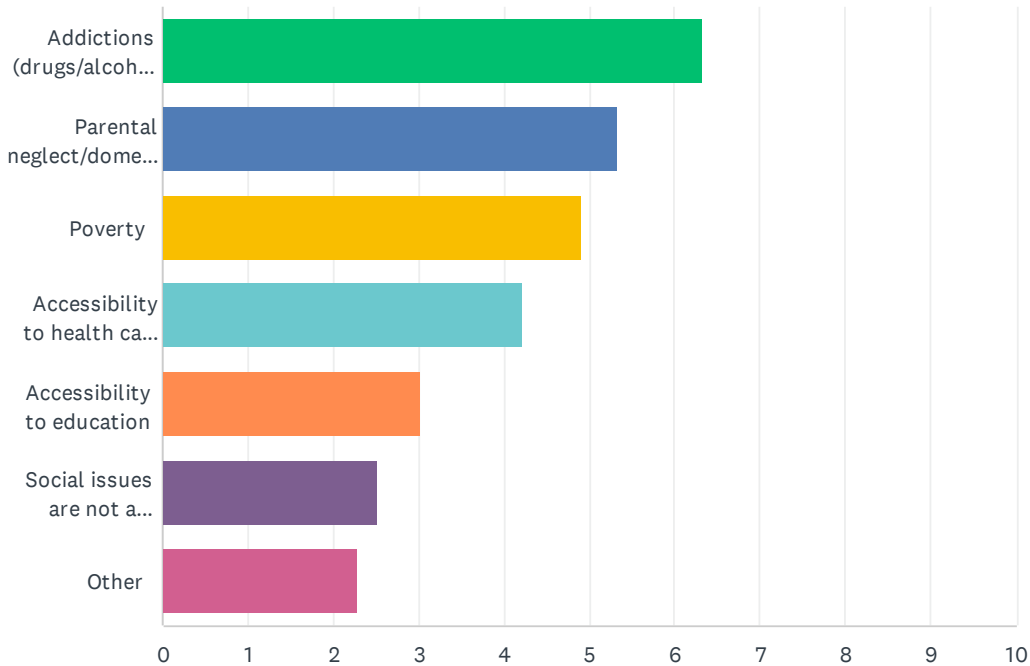
Answered: 333 Skipped: 4



	1	2	3	4	5	6	7	TOTAL	SCORE
Gang violence/activity	60.67% 199	20.12% 66	9.45% 31	5.18% 17	2.13% 7	0.61% 2	1.83% 6	328	6.23
Drugs/alcohol related offences	15.12% 49	20.06% 65	21.30% 69	20.06% 65	21.30% 69	1.23% 4	0.93% 3	324	4.80
Break and enter	9.94% 32	21.43% 69	23.60% 76	25.78% 83	17.39% 56	1.55% 5	0.31% 1	322	4.75
Vehicle theft	7.43% 24	17.03% 55	25.08% 81	20.43% 66	26.93% 87	2.79% 9	0.31% 1	323	4.48
Weapons offences	3.75% 12	19.06% 61	19.38% 62	27.19% 87	25.62% 82	4.06% 13	0.94% 3	320	4.32
Other	3.24% 7	2.78% 6	0.93% 2	1.39% 3	6.94% 15	68.06% 147	16.67% 36	216	2.23
None	1.51% 3	1.01% 2	0.00% 0	0.00% 0	2.01% 4	18.59% 37	76.88% 153	199	1.37

### Q6 Rank the social issues you believe are driving crime in your community. (1 being the highest cause and 7 being the lowest cause)

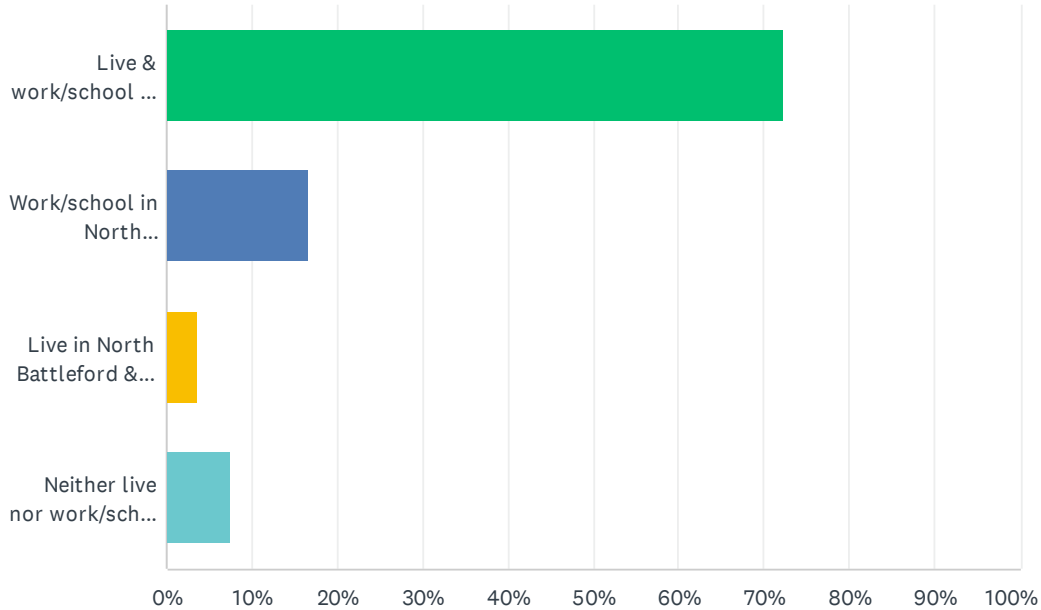
Answered: 336 Skipped: 1



	1	2	3	4	5	6	7	TOTAL	SCORE
Addictions (drugs/alcohol/gambling)	59.63% 195	26.91% 88	8.56% 28	1.53% 5	0.92% 3	0.92% 3	1.53% 5	327	6.34
Parental neglect/domestic abuse	17.61% 56	35.22% 112	23.58% 75	13.84% 44	6.92% 22	2.52% 8	0.31% 1	318	5.34
Poverty	15.21% 47	19.42% 60	30.10% 93	19.74% 61	9.39% 29	4.21% 13	1.94% 6	309	4.91
Accessibility to health care (including addiction services)	4.45% 13	12.67% 37	24.66% 72	30.82% 90	16.78% 49	7.53% 22	3.08% 9	292	4.22
Accessibility to education	0.00% 0	3.41% 9	6.44% 17	17.05% 45	42.80% 113	23.86% 63	6.44% 17	264	3.03
Social issues are not a significant factor	2.55% 6	3.40% 8	8.51% 20	10.64% 25	14.89% 35	23.83% 56	36.17% 85	235	2.52
Other	5.78% 13	2.22% 5	3.56% 8	7.11% 16	7.56% 17	31.56% 71	42.22% 95	225	2.28

### Q9 Before you complete the survey, please fill out the optional demographic information. What best describes your living and work/school location.

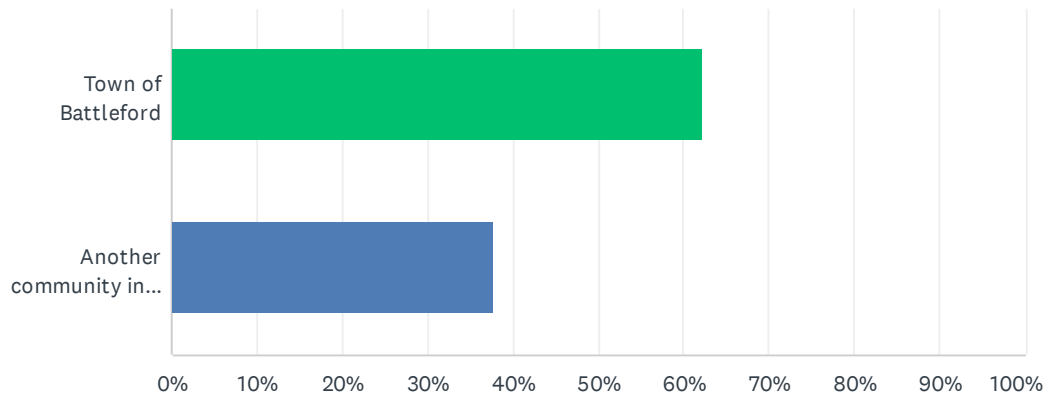
Answered: 332 Skipped: 5



ANSWER CHOICES	RESPONSES	
Live & work/school in North Battleford	72.29%	240
Work/school in North Battleford & live elsewhere	16.57%	55
Live in North Battleford & work/school elsewhere	3.61%	12
Neither live nor work/school in North Battleford	7.53%	25
<b>TOTAL</b>		<b>332</b>

### Q10 If you do not live in North Battleford where do you live?

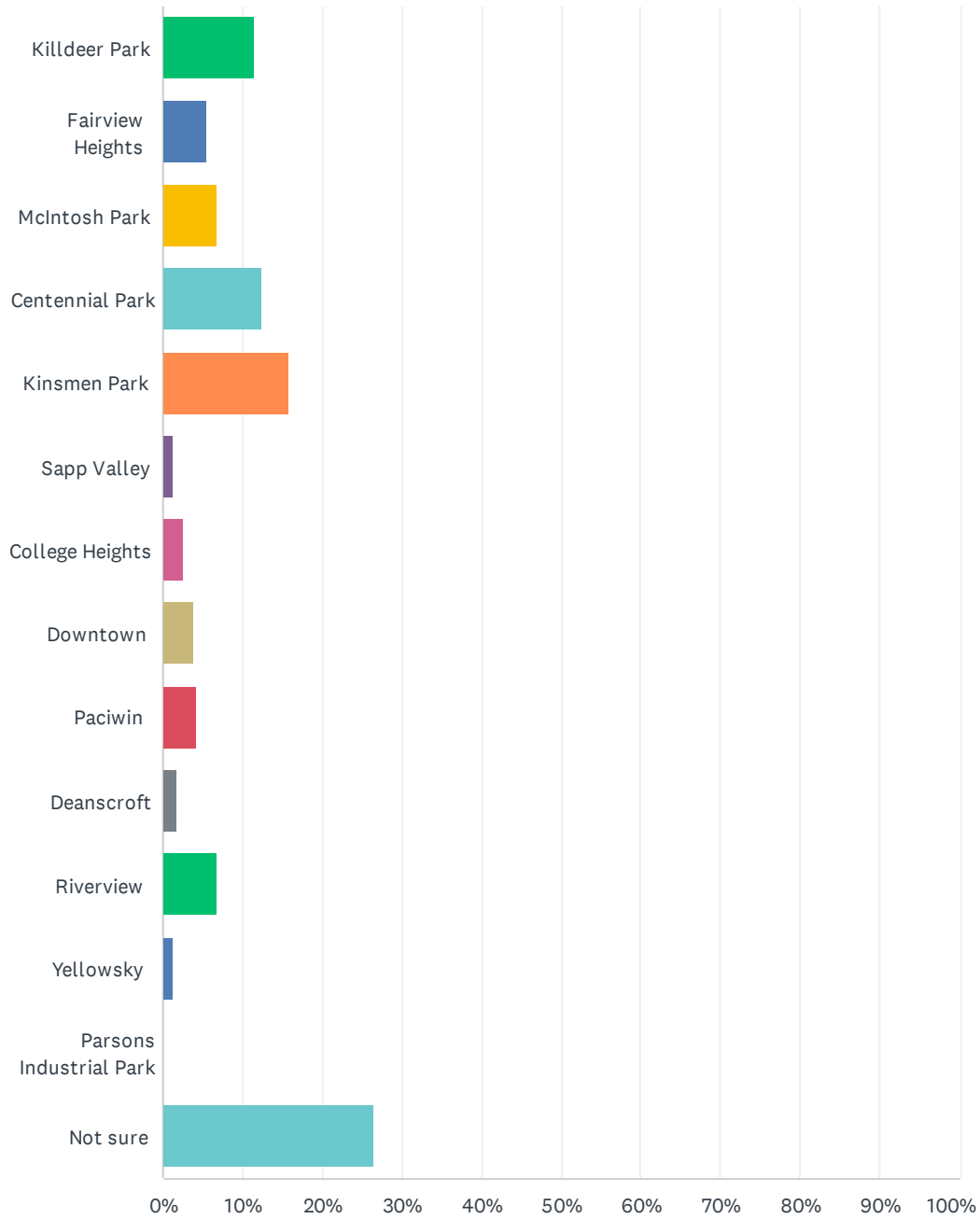
Answered: 119 Skipped: 218



ANSWER CHOICES	RESPONSES	
Town of Battleford	62.18%	74
Another community in the region	37.82%	45
<b>TOTAL</b>		<b>119</b>

# Q11 If you live in North Battleford which neighbourhood do you live in?

Answered: 235 Skipped: 102

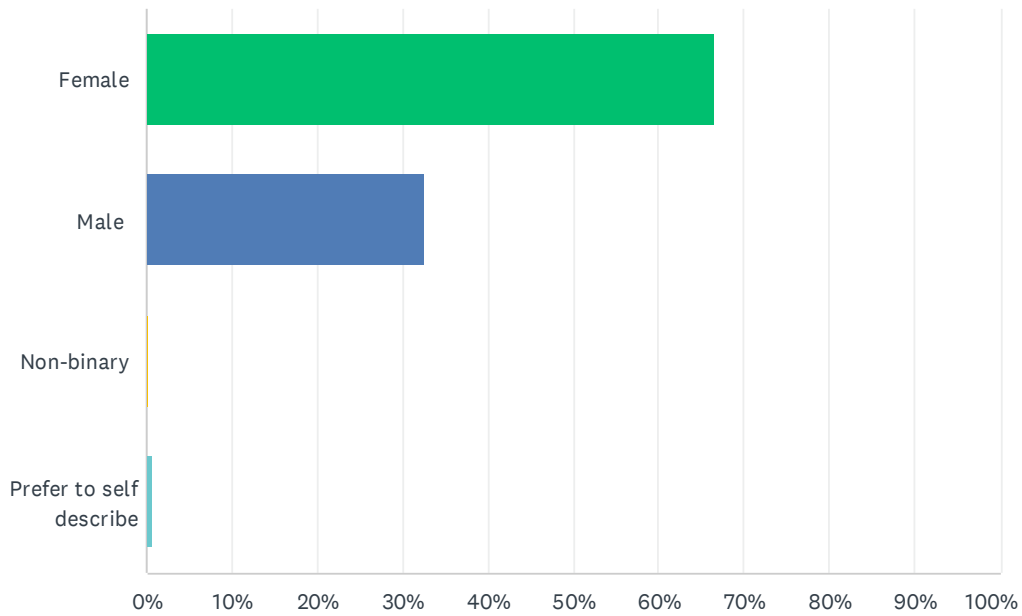


## Battlefords RCMP Detachment Service Survey

ANSWER CHOICES	RESPONSES	
Killdeer Park	11.49%	27
Fairview Heights	5.53%	13
McIntosh Park	6.81%	16
Centennial Park	12.34%	29
Kinsmen Park	15.74%	37
Sapp Valley	1.28%	3
College Heights	2.55%	6
Downtown	3.83%	9
Paciwin	4.26%	10
Deanscroft	1.70%	4
Riverview	6.81%	16
Yellowsky	1.28%	3
Parsons Industrial Park	0.00%	0
Not sure	26.38%	62
<b>TOTAL</b>		<b>235</b>

## Q12 What gender do you most identify with?

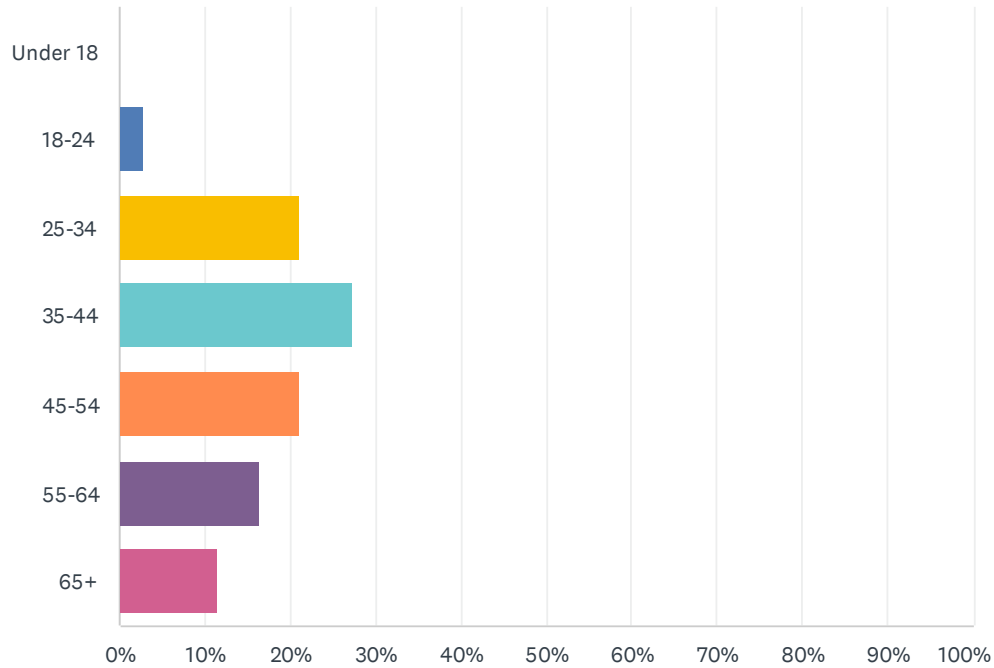
Answered: 337 Skipped: 0



ANSWER CHOICES	RESPONSES	
Female	66.47%	224
Male	32.64%	110
Non-binary	0.30%	1
Prefer to self describe	0.59%	2
TOTAL		337

## Q13 Which age range do you belong to?

Answered: 337 Skipped: 0



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18-24	2.67%	9
25-34	21.07%	71
35-44	27.30%	92
45-54	21.07%	71
55-64	16.32%	55
65+	11.57%	39
<b>TOTAL</b>		<b>337</b>



**MEETING DATE:** May 16, 2022**MEETING:** Planning Committee  
X Public**TO:** Randy Patrick, City Manager**FROM:** Cheryl DeNeire, Director of Parks & Recreation**SUBJECT:** Urban Forestry Management Plan**Background Information**

During 2022 Budget deliberations, Council requested that more planning information surrounding the removal/replacement of City trees be brought back by Spring of 2022.

**Strategic Goal(s)***City Strategic Plan:*

SG1.0 Provide Quality Infrastructure

1.3 Strategically enhance maintenance through planned maintenance work based on asset management data.

SG4.0 Healthy and Safe Community

4.5 Design and maintain a safe community

*Framework for Recreation in Canada:*

Connecting People and Nature, Supportive Environments

*Recreation Master Plan:*

Healthier Facilities &amp; Spaces, Vibrant Community

**Discussion and Comment**

The attached Urban Forestry Management Plan outlines what needs to be developed to have a comprehensive and cohesive management plan for the City's Urban Forest. The development of this plan will need to be done by a consultant that has the expertise required to develop a well-rounded plan based on our current data, systems, and level of service.

The plan presented outlines the scope of work that will be developed in the final plan. The tendering of this work will be put forward to Council during the 2023 budget deliberations.

With the understanding that the development and implementation of a comprehensive plan will take time, this plan also includes Appendices 1, 2, and 3 which are work plans for 2022 and 2023.

**Budget Issues**

No issues related to 2022

**Public Notice and Communication**

Not applicable

**Recommendation(s)**

Administration recommends that the development of a comprehensive Urban Forestry Management Plan be presented to Council for consideration during the 2023 budget deliberations.

Respectfully submitted,



Cheryl DeNeire  
Director of Parks & Recreation

**Approvals:**

**City Manager:**



**Date:**

May 12/22

**Parks Department**

# **City of North Battleford Urban Forestry Management Plan**

**May, 2022**

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**North  
Battleford**

Treaty Six Territory | Heartland of the Métis | Saskatchewan | Canada

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# Executive Summary

The City of North Battleford recognizes the need to protect, maintain and enhance its urban tree population. Consequently, the Parks Department has conducted a review of the City’s urban forest to develop this Urban Forestry Management Plan (“**Management Plan**”).

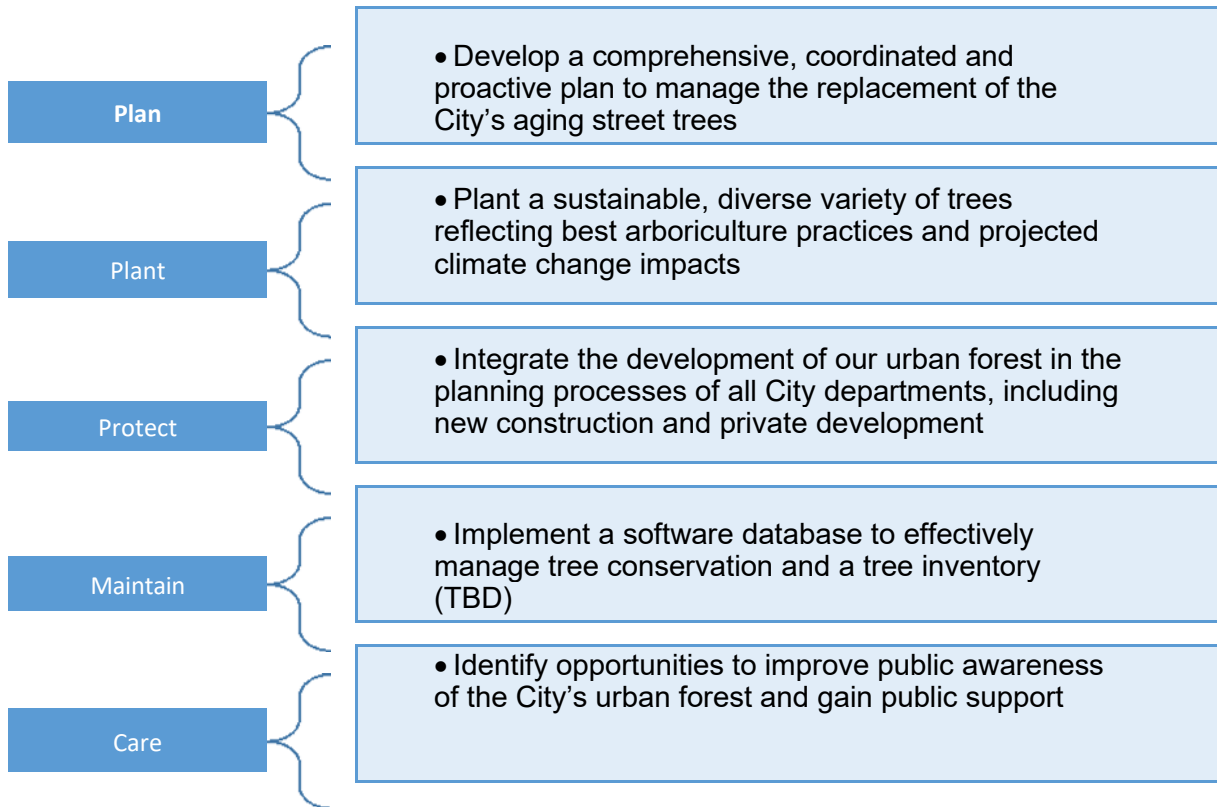
There are approximately 33,000 trees in our parks, open spaces and other City owned properties’ that make up the City’s urban forest. These trees include heritage trees, street trees, specimen trees, and other natural tree varieties throughout the City. However, many trees are aging and will need to be removed as they continue to decline over the next decade, particularly those situated **from 95<sup>th</sup> to 99<sup>th</sup> Street and 11<sup>th</sup> Avenue to 16<sup>th</sup> Avenue.**

A Management Plan is required:

- To plan for the protection and conservation of City trees
- To manage the removal, replacement and maintenance of the City’s trees; and
- To plan for a sustainable and healthy future urban forest.

A comprehensive and proactive Management Plan will assist in ensuring that the trees within the City are managed responsibly and according to best practices.

The City of North Battleford has made many commitments historically to care for and preserve all trees on City property. The City of North Battleford will strive to attain the goals of sustainable planning, planting, protection, maintenance and care of trees, urban forests, green space, and related resources for public benefit.



## 1. Introduction

Trees are believed to have a significant impact on mitigating and reducing the impact of global warming. Further, there are many benefits of trees that can be obtained on a local scale, such as:

- Add beauty and vitality to the community
- Improve personal health
- Reduce air pollution
- Conserve water and reduce soil erosion
- Save energy
- Reduce noise pollution
- Increase property values
- Provide shade and shelter from wind
- Serve as natural air cleaners, removing carbon dioxide from the air and releasing oxygen; and
- Slow rainfall runoff and contribute to storm water management.

A healthy and well-maintained urban forest does not come about without forethought, planning and resource commitments. Instead, the health and stability of trees can only be achieved through careful planning and systematic maintenance of the tree population.

### Purpose

The purpose of this Management Plan is to develop a coordinated and proactive plan to manage the renewal of the City's trees utilizing arboricultural best practices. The Management Plan provides information for adequate budgeting and maintenance procedures to ensure the perpetuation and enhancement of the City's urban forest.

#### Actions

Short Term	Long Term
<ul style="list-style-type: none"> <li>• Maintain the City's tree inventory database</li> </ul>	<ul style="list-style-type: none"> <li>• Develop a comprehensive and coordinated set of procedures for all tree maintenance and activities: planting, watering, staking, fertilizing,</li> </ul>
<ul style="list-style-type: none"> <li>• Establish best practices for the selection of tree and plant varieties to be planted on City property, and specifically to eliminate the use of invasive species</li> </ul>	<ul style="list-style-type: none"> <li>• Establish a tree reserve fund to be used for the procurement and planting of trees from a dedicated annual budget</li> </ul>
<ul style="list-style-type: none"> <li>• Annual monitoring to see how the plan is working and update as necessary</li> </ul>	<ul style="list-style-type: none"> <li>• Continue efforts to encourage and support community- based initiatives to plant trees</li> </ul>

## 2. Urban Forestry Management Plan

The Management Plan will focus on the following areas:

- Tree Classification
- Maintenance and Monitoring
- Removal Guidelines and Process
- Replacement and Renewal
- Protection and Conservation
- Outreach and Education
- Budgeting and Funding

### Tree Classification

The classification system is designed to present a clear comprehensive distinction of trees to enable the appropriate management of trees in each category. This classification system will form the foundation of the Management Plan.

#### **A. Class A: Heritage & Rare Trees**

Heritage and rare trees are of high value, usually non-native and planted. Trees in this category merit special considerations for preservation and conservation. The heritage tree component would include many trees in their original historic core areas.

#### **B. Class B: Park & Street Trees**

This class of trees are generally high value, usually non-native and planted. These include:

1. Ornamental trees in established park areas
2. Trees in the downtown core; and
3. Street trees outside of the downtown core

#### **C. Class C: Trees in Natural & Semi-natural Areas**

These areas include wildlife corridors, urban/forest interface zones, green spaces and other minimally managed areas such as: underdeveloped right of ways and otherwise unused City property; highway arterials and interchanges, etc. Trees in this category may be ornamental and planted but are mostly native trees or naturalized exotics, some of which are invasive.

### Maintenance & Monitoring

Maintenance generally refers to proper pruning. This involves the maintenance of appropriate road, sidewalk and pathway clearances, the removal of dead wood that may become hazardous, and other operations to maintain the health of the tree. Maintenance also involves regular monitoring of health

and pests, pest control, assessments of conflicts, potential property damage and hazards. Prevention and early detection are a cost-effective way of avoiding serious problems.

Each tree will be assessed using a system developed by the International Society of Arborists (ISA). Trees are rated as:

- **Extreme hazard:** will be pruned or removed immediately
- **High hazard:** will be pruned or removed within five-years
- **Moderate hazard:** will be pruned and will be re-assessed in five years
- **Low hazard:** will be maintained

A cyclical pruning program, implemented properly, can update the value of the forest, reduce storm damage and other problems and, in time, reduce costs and liabilities. An effective pruning program involves the following:

- Proactive management: regular review of each tree
- Record keeping and inventory, including maintenance, removals, pruning, and inspections; and
- Preparation of annual work plans, including fall and spring pruning schedules, and the planting of new trees

On average, pruning one tree can take 1 to 4 man-hours based on size and site specifications. Refer to **Appendix 1 & the Urban Forest Zone Map** for the pruning work plan.

## Removal Guidelines & Process

The City of North Battlefords *Boulevard Tree Removal and Boulevard Trees in Industrial Areas policies* regulates the planting and protecting of trees and shrubs on any street or public place and establishes the conditions to which a municipally owned tree can be removed.

The removal of trees can sometimes be a contentious issue for the public. When considering removals, it is important to consider the actual value of the tree and weigh that against the advantages of having it removed. If a tree has existed for many years, and is classified as a heritage or rare tree, or it has a recognized landscape or cultural function, then its social and economic value may outweigh the rationale for removing it. In terms of new development, construction or repairs, if there is no hazard, consideration should be taken for working around the tree instead of removal wherever possible. Factors for removal will include hazard and risk management, conflicts with infrastructure, mortality, nuisance and disease. A proactive and defined procedure that determines exactly when a tree must be removed is set out below.

### Prioritization of Tree Removal

Emergency Removal	
• Trees having 50% or more trunk decay/disease;	Priority Level 1 (highest)
• Trees extremely damaged by storm or severe weather	Priority Level 2
• Trees requiring fire mitigation; and	Priority Level 3
• Trees presenting hazard to life/property.	Priority Level 4

- **Note:** *Although there is a ranking system, all listed emergency removal criteria will be addressed as soon as possible.*



Secondary Removal Criteria	
<ul style="list-style-type: none"> <li>Trees that are a public nuisance/basis for widespread complaints</li> </ul>	Priority Level 5
<ul style="list-style-type: none"> <li>Trees causing damage to underground pipes and/or obstructing sewer flow</li> </ul>	Priority Level 6

Other than in emergency situations, trees will be removed in accordance with the above tree removal criteria, as specified in the Bylaw and developed through this Management Plan.

### Replacement & Renewal

A proactive program of renewal involves planting the best tree for the site, soil, appropriate spacing to maintain sightlines, and site preparation. A 2:1 ratio of new trees planted to removals should be utilized. The exact location of each tree will be determined on a case-by-case and site-specific basis (i.e., either in the same location or elsewhere in the City). The reasoning for the 2 to 1 ratio is that 50% of new trees could possibly die in the first 5 years. Annual work plans help to coordinate anticipated removals, utilizing an organized and safety-oriented approach, centered on the City's objectives for long term management of the urban forest and the minimization of significant tree loss.

Each tree removal and replacement will be assessed using the following type of action:

- **Type A – Remove trees, no replacement**
- **Type B – Remove trees and replace**
- **Type C – Plant trees and remove trees later**
- **Type D – Remove trees to ground level and no replacement**
- **Type E - Replace tree and landscape**

Further, **all removals must be stump ground** and renewal will be assessed using the following type of action:

- **For Type A – Grind and landscape**
- **For Type B – Dig out and plant in same spot**
- **For Type C – Excavate all stumps and roots; plant and landscape**

Refer to **Appendix 2** for work plan on tree and stump removals.

Tracking tree and stump removals is also necessary to facilitate renewal. An inventory of the City's trees will be maintained by the tree software program once implemented. Further, planting should be encouraged in all available areas. This includes unplanted streets and right of ways, commercial areas and parking lots. This will involve investigating possibilities in every unplanted area. The above removal and replacement guidelines will ensure this goal is met and reviewed regularly to assess potential conflicts with utilities and streetscape design.

## **Protection & Conservation**

Trees that have been identified for protection in areas known for pests or disease; or where construction, repairs, or new development activity are occurring, adequate tree and root protection must be put in place to protect the tree(s) from damage and/or compaction. Following are the control measures for pest and development activity.

### **Pest Control Measures**

Pest control measures depend on the extremity of the pest and the impact on the tree(s). Control measures include anywhere from removing or pruning branches, insecticide treatments, or removal (as previously defined). Early detection and appropriate treatment based on the stage of infestation can significantly improve mitigation outcomes.

### **Activity Control Measures**

Activity control measures involve appropriate communication among City staff, City contractors, the public and developers to ensure City policies and procedures are understood and followed.

### **Outreach & Education**

Efforts to ensure the City's tree canopy remains intact and expands will require community involvement. Appropriate public relations strategies will be used to facilitate acceptance of policies and education about the realities of tree operations. These will keep the public informed and deflect unwarranted criticisms of operations and encourage community involvement and the growth of awareness about trees and the environment. Outreach methods will include utilizing the Parks Department section on the City webpage, flyers, social media and newspaper articles.

## 3.0 Budgeting & Funding

Each year the City devotes financial resources to the management of the urban forest. City funds are spent on leaf collection and removal, pruning and tree maintenance, new tree bagging & watering, new tree planting, tree removals and tree stumping/grinding. The costs associated with tree maintenance include regular pruning, bag watering, removals, planting, inventory maintenance, as well as any emergency pruning or removals either from public requests or damaged trees.

A dedicated annual budget enables the City to maintain the health of its tree population. With a sustained budget, systematic tree pruning, bag watering, removals, inventory management, and priority maintenance can be effectively achieved. Being aware of relevant grants available for urban forestry is also important to achieving sustainable funding.

It is recommended that in order to address the pruning challenge due to the size of the Urban Forest as compared to service ability that every three (3) years the budget includes the cost of contracting a tree service to prune designated areas.

However, as the City implements a systematic pruning, maintenance and replacement program, it is expected that the need for pruning would eventually drop drastically, and further, public requests for services are expected to drop significantly.

## 4.0 Conclusion

This Management Plan will enable the City to accomplish its tree management goals. Given the population of aging trees in some areas of the City, it is important to preserve City trees for as long as possible until renewal efforts begin to catch up. This Management Plan will assist the City in planning for the conservation of its trees as well as manage removal and replacement.

Key components for the successful implementation of this Management Plan include:

- Adequate and sustained funding
- Monitoring and maintenance of a tree inventory
- Developing community support

Through this Management Plan and attached appendices, the short and long-term planning for the City's urban forest is made possible.

## 5. Appendices

1.	Pruning Work Plan
2.	Tree Replacement/Stump Removal Work Plan
3.	Urban Forest Zone Map

## APPENDIX 1- City of North Battleford Forestry Management Plan PRUNING WORK PLAN

Location/Zone	# Trees to Prune	Risk Assessment	Action	Cost	Year
<b>ELM PRUNING</b>  <b>ZONE 6</b> <b>95<sup>TH</sup> to 99<sup>TH</sup> Street</b> (Aug. 31- April 1 Fall/Winter)	Up to 70	Low Hazard	Maintain	In-house	Same in 2022 & 2023
<b>BUFFER STRIP</b> (April 1- Aug. 31 Spring/Summer) <b>ZONES 2,5,8,11</b> <b>ZONES 1,3,4/</b> <b>REVISIT ZONES 2,5,8,11</b> to update	Up to 100	Low Hazard	Maintain	In-house	2022  2023
<b>PARKS:</b> <b>ZONE 5</b> <i>Centennial Park</i> <b>ZONES 6,7</b> <i>Central Park</i> <i>McPhail Park</i> <i>Allen Sapp</i> <b>ZONE 12</b> <i>Subway Hill</i>  <b>CEMETERIES</b>	Up to 50	Low Hazard	Maintain	In-house	Same in 2022 & 2023
<b>WORK ORDERS</b> <b>All Zones</b> <b>Year Round</b> (Includes pruning, removal & grinding)	100 to 150	Low to Extreme	Maintain to immediate removal	In-house	Ongoing

**Note:**

1. Elm Tree ban is from April 1<sup>st</sup> to August 31<sup>st</sup>.
2. Roughly 100 trees can be pruned during the year with the current level of service.
3. Priority pruning area until complete: 95<sup>th</sup> Street to 99<sup>th</sup> Street
4. Work Orders may include pruning, removals, stump grinding, including fallen trees & requests from Operations & UPAR

**Hazard Levels:**

- **Extreme Hazard:** will be pruned or removed immediately
- **High Hazard:** will be pruned or removed within five-years
- **Moderate Hazard:** will be pruned and will be re-assessed in five years
- **Low Hazard:** will be maintained

## APPENDIX 2- City of North Battleford Forestry Management Plan TREE REPLACEMENT/STUMP REMOVAL

Location/Zone	# Trees to remove &/or replace	Risk Assessment	Action	Type of Replacement	Cost	Year
<b>All Zones</b> <b>REMOVE &amp;/OR REPLACE</b> RESIDENT REQUEST	Up to 20	Low to Extreme Hazard	Remove Trees/stumps and replace	Type B	In-house	Continuous
<b>BUFFER STRIP</b> <b>Dead Poplar</b> (Sept.1- March 31)  <b>ZONES 2,5,8,11</b>  <b>ZONES 1,3,4</b>	Up to 50	Moderate to Extreme Hazard	Remove trees to ground, no replacement	Type D	In-house	2022 2023
<b>BUFFER STRIP</b> <b>REPLACE</b> <b>ZONES 2,35,8,11</b> <b>ZONES 1,3,4</b>	Up to 50 Based on water bag program	Low Hazard	Replace trees and landscape	Type E	In-house	2022 2023
<b>WEeping BIRCH</b> <b>ZONES 1,4,5</b>	Up to 60	High to Extreme Hazard	Remove trees to ground, no replacement	Type D	Contract	Up to \$60,000

### NOTE:

1. The number of new trees planted is dependent on the number of trees graduating from the 5-year watering cycle.
2. In the City of North Battleford, the stump is ground to surface level in the same season that it is removed.
3. 2-3 staff are required for each stump grind- max. of 2-8 stumps/day, older stumps have priority

### TYPE OF REPLACEMENT

- Type A – Remove trees, no replacement
- Type B – Remove trees and replace
- Type C – Plant trees and remove trees later
- Type D – Remove trees to ground level and no replacement
- Type E - Replace tree and landscape

**All removals must be stump ground** and renewal will be assessed using the following type of action:

- For Type A – Grind and landscape
- For Type B – Dig out and plant in same spot
- For Type C – Excavate all stumps and roots plant and landscape
- For Type E – Reforestation. Plant based on landscape assessment



# North Battleford

## URBAN FOREST

### ZONE MAP



- Zone 1** Kildeer Park
- Zone 2** Fairview Heights
- Zone 3** Maher Park Zone
- Zone 4** McIntosh Park
- Zone 5** Centennial Park
- Zone 6** Kinsmen Park
- Zone 7** Sapp Valley Zone
- Zone 8** College Heights
- Zone 9** Downtown
- Zone 10** Paciwin
- Zone 11** Deanscroft
- Zone 12** Riverview
- Zone 13** Yellow Sky
- Zone 14** Parsons Industrial Park

