



CITY OF RICHMOND PUBLIC TREE MANAGEMENT STRATEGY 2045

A Plan for Managing Richmond's Public Urban Forest

December 2019

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Acknowledgements

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The Public Tree Management Strategy was endorsed by Richmond City Council on 9 December 2019.

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2045 VISION...

Richmond's public trees are managed as a high-value, civic asset. Richmond trees are beautiful, resilient and sustainable and are supported by the community for the benefits they provide.



Executive Summary

Changing the way Richmond manages City-owned trees

Richmond's urban forest is key to developing a world class city and maintaining a livable environment for citizens. Trees are the keystone organisms of the urban forest and their management is a priority for the City. Trees are living, life-supporting natural assets that provide Richmond with benefits like shade, stormwater interception, air quality improvements, beautification and habitat. However, climate change, urban densification and technology are presenting new challenges and opportunities for managing public trees. In response, the City has developed the Public Tree Management Strategy to direct urban forest management until 2045. **This Strategy is focused on trees managed by the City only.**

The Strategy contains some key actions that will shift City tree management practices towards a more resilient and sustainable future:

Conserve and Protect

The City will target increasing the proportion of large diameter City trees (>40 cm diameter) from 18% to 30% of the population by 2045. The priority actions are to implement:

- City Tree Policy to guide City tree protection, removal, replacement and maintenance decisions.
- City Tree Management Protocol to update the process and standards that apply when City trees are affected by City capital and development related activities.

Manage and Maintain

The City will maintain tree mortality rates in young trees below 3.5% and maintenance practices will maximize the healthy life-span of mature trees. The priority actions are to:

- Expand the City's young tree watering program to include 3 years after planting, with 4th year trees watered if necessary.
- Shift from demand-based to preventative young tree pruning and establish a tree pruning cycle.

- Develop and implement a 5-year staffing, equipment and budget plan to enable the transition from demand to preventative maintenance.

Enhance and Expand

The City will target an increase in canopy cover **on public land** from 20% to 30% by 2045. The priority actions are to:

- Plant at least 850 shade trees per year (in addition to replacement and restoration tree planting).
- Develop a Public Realm Planting Master Plan to guide species selection, local diversity targets, planting character and planting schedules.

Educate and Engage

The City will enhance the existing stewardship opportunities and education to target engaging 5,000 people by 2025. The priority actions are to:

- Create an interactive City tree map linked to the City's tree inventory that reports individual tree data and ecosystem services.
- Provide stewardship opportunities such as tree or understory planting, invasive species removal and citizen science projects.
- Investigate opportunities to partner with homeowners in single-family neighbourhoods to care for newly planted trees in City boulevards.
- Investigate opportunities to work together with local First Nations and other levels of government to develop appropriate stewardship activities for native forests.

The Strategy's Action Plan provides the roadmap for growing an urban forest that is beautiful, resilient and sustainable and is supported by the community for the benefits it provides.



Table of Contents

1	The Public Tree Management Strategy.....	1
	1.1 Introduction	1
	1.2 Urban Forest Policy Context	3
	1.3 Strategic Framework	4
2	Urban Forest History and Values.....	5
	2.1 History of the Urban Forest	5
	2.2 The Value of Richmond’s Public Urban Forest	8
	2.3 What We Heard from the Public	11
3	Status and Trends.....	13
	3.1 Tree Canopy	13
	3.2 Native Forests and Natural Areas	17
	3.3 Soils and Permeability	19
	3.4 City Trees	20
	3.5 Public Planting Opportunities	24
4	The Future of the Public Urban Forest	25
	4.1 Climate Change and Forest Health	25
	4.2 Parks and the Ecological Network	27
	4.3 Integrated Rainwater Management and Flood Protection	29
	4.4 City Trees Operations	30
	4.5 Community Stewardship	36
5	Strategy Objectives and Action Plan.....	37
	5.1 Conserve and Protect	38
	5.2 Manage and Maintain	39
	5.3 Enhance and Expand	41
	5.4 Educate and Engage	42
	5.5 Measuring Success	43
	5.6 Next Steps	43
	5.7 Five-Year Implementation Plan	44
	Appendix A: Public Survey	46

