



# **Urban Forest Management Strategy *Implementation Plan***

## 5.0 Implementation and Monitoring

The tables below present the strategic directions and actions across the Urban Forest Management Strategy's four theme areas, along with the anticipated timeframes, expense estimates, supporting City departments and divisions, and indicator areas.

### Timeframe

Ongoing  
 Short-term: 0 – 5 years  
 Medium-term: 6 – 12 years  
 Long-term: 13+ years

### Expense Estimates

\$ \$0 – \$50,000  
 \$\$ \$50,000 – \$100,000  
 \$\$\$ \$100,000 – \$500,000  
 \$\$\$\$ >\$500,000  
 NAC No additional cost to the City; potential grants  
 TBD To be explored further

## Urban Forest Management Strategy Monitoring Framework

Indicator Area	Annual Performance Targets	Example Measures
<b>A. Tree Planting and Replacement</b>	5,000 – 7,000 trees planted annually	Net new trees planted annually by the City, developers and as the result of incentive programs on private property. Compliance with required tree replacement.
<b>B. Urban Tree Health</b>	90% City tree survival 5 years after planting	Condition and survival rates of City trees.
<b>C. Urban Tree Diversity</b>	Plant no more than 5% of any species, 10% of any genus group and 15% of any family group annually	Species, genus and family composition.
<b>D. Forest and Natural Area Management</b>	3,000 square meters of annual forested area restoration planting	Condition of forested natural areas. Area of restored forested natural areas.
<b>E. Community Involvement</b>	5% increase in annual volunteer hours	Volunteer hours and participation in stewardship programs.
<b>F. Canopy Cover Target</b>	Refresh LiDAR (Light Detection and Ranging) Data periodically	50% city-wide.

The Parks and Capital Projects Department will lead the Actions with support from the Departments / Divisions identified, except where noted in the table.



# 1. Forests

*Goal: Enhance and protect forested natural areas in parks to maintain biodiversity, climate resilience and recreational opportunities.*

## 1.1 Plan and manage forests and natural areas to strengthen resilience and maintain species diversity

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
1.1 A	Develop Forest Management Plan Framework to guide and prioritize rehabilitation planting and conservation actions, including a climate vulnerability and adaptation analysis.	Short-term	\$	Engineering and Public Works	A. Tree Planting D. Forest Management
1.1 B	Develop park specific forest management plans for significant forested areas such as Coquitlam River Park and Ridge Park.	Long-term	\$\$		

## 1.2 Restore disturbed forests and natural areas to improve ecosystem function

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
1.2 A	Update Invasive Plant Species Management Plan and restoration Standard Operating Procedures (prioritize Mundy, Coquitlam River, Hoy Creek parks).	Medium-term	\$		A. Tree Planting D. Forest Management
1.2 B	Create annual restoration work program guided by Forest Management Plan Framework and forest management plans.	Ongoing	NAC		E. Community Involvement
1.2 C	Leverage community partnerships for invasive removal and restoration planting.	Ongoing	NAC		

### 1.3 Identify and manage risks to and from forests and natural areas

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
1.3 A	Develop Natural Area Risk Management Protocol to inform the Forest Management Framework.	Short-term	NAC	Legal, Fire and Rescue	D. Forest Management
1.3 B	Map risk management zones/wildfire fuel zones.	Medium-term	\$	Fire and Rescue	
1.3 C	Review procedures for managing windfirm risk in the first five years post-clearing, when creating new forest edges.	Ongoing	NAC	Planning and Development	

### 1.4 Manage a safe trail system to provide connectivity and access to nature across the city

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
1.4 A	Update the City's Master Trail Plan to ensure neighbourhood connections with natural areas and integration with the City's transportation network.	Medium-term	\$\$	Planning and Development, Engineering and Public Works	D. Forest Management
1.4 B	Strengthen existing trail standards for tree protection and replacement.	Short-term	NAC		

## 2. Urban Trees

*Goal: Plant and maintain urban trees in parks, on streets, and on development sites to deliver community and climate benefits.*

### 2.1 Implement tree planting requirements for all development sites city-wide and implement a Tree Initiatives Program (TIP)

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
2.1 A	Amend the Zoning Bylaw to expand tree planting requirement City-wide and establish a Tree Initiatives Program (TIP) that receives contributions when tree planting targets cannot be fully met.	Short-term	NAC	Planning and Development leads with support from Parks and Capital Projects	A. Tree Planting B. Tree Health C. Tree Diversity
2.1 B	Identify opportunities for tree planting connected to street improvement projects.	Ongoing	NAC	Engineering and Public Works	

### 2.2 Prioritize diverse and resilient tree planting city-wide to deliver shade, storm water management and community health benefits

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
2.2 A	Prepare a 10-year Tree Planting Plan.	Short-term	NAC	Engineering and Public Works	A. Tree Planting B. Tree Health C. Tree Diversity
2.2 B	Update recommended tree species lists for diversity and drought resilience.	Ongoing	NAC	Planning and Development	
2.2 C	Develop a tree planting recommended species list for parking lots to maximize shade.	Short-term	NAC	Planning and Development	
2.2 D	Collaborate with industry and regional partners to expand availability of diverse and resilient tree species.	Medium-term	NAC		

## 2.3 Expand proactive maintenance to extend tree health, safety, and lifespan for all City maintained urban trees

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
2.3 A	Expand the urban tree lifecycle maintenance program to include integrated pest management and to enhance the watering and tree care programs.	Medium-term (ongoing operating)	\$\$\$	Engineering and Public Works	B. Tree Health F. Canopy Cover Target
2.3 B	Review and update inventory standards to align with asset management information requirements.	Medium-term	NAC		

# 3. Community Involvement

*Goal: Promote the community’s connection to their parks, forests and trees through public education and participation in the care and protection of the urban forest.*



## 3.1 Support, expand, and celebrate community efforts to plant, protect and care for trees

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
3.1 A	Foster community-driven urban forest projects and initiatives that encourage neighbourhood action on tree planting, protection and care.	Ongoing	NAC		A. Tree Planting E. Community Involvement
3.1 B	Integrate trees into the Proud to Grow Here program.	Short-term	NAC	Communications and Civic Engagement	
3.1 C	Develop an Adopt-a-Tree Program.	Short-term	NAC	Communications and Civic Engagement	
3.1 D	Host tree focused community activities involving community partners.	Short-term	NAC	Communications and Civic Engagement	
3.1 E	Expand Tree Spree programming to appeal to all demographics (neighbourhood tree walks, tree treasure hunts, forest bathing, etc.).	Ongoing	\$	Communications and Civic Engagement	
3.1 F	Develop a volunteer Tree Ambassador program (modeled after the Master Gardener Program) to deliver information and advice to property owners.	Medium-term	\$	Communications and Civic Engagement	

### 3.2 Incentivize tree planting and care on private property

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
3.2 A	Continue to support private property tree planting (i.e: subsidized trees) through the Tree Spree Program.	Ongoing	NAC		A. Tree Planting
3.2 B	Expand tree care public education programs through Park Spark (pruning and tree care workshops, guest lectures, etc.).	Ongoing	NAC		E. Community Involvement
3.2 C	Expand tree planting incentive initiatives on private property including residential, commercial and institutional lands.	Medium-term	\$\$		F. Canopy Cover Target
3.2 D	Explore options for the delivery of professional consultations for property owners through grants and community partners.	Medium-term	\$		

### 3.3 Build partnerships across sectors to help grow and care for the urban forest

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
3.3 A	Explore opportunities to support tree stewardship school programming, tree planting and maintenance commitments on SD43 lands.	Short-term	NAC		A. Tree Planting
3.3 B	Engage with BC Hydro to develop vegetation management agreements.	Long-term	TBD	Engineering and Public Works	E. Community Involvement
3.3 C	Develop partnership initiatives with kwikwəłəm First Nation, local businesses, post-secondary institutions and local organizations to support planting events, citizen science initiatives and/or adopt-a-tree programs.	Medium-term	NAC	Engineering and Public Works	F. Canopy Cover Target
3.3 D	Provide co-op/summer student opportunities to support implementation and build relationships with local urban forestry post-secondary institutions.	Short-term	NAC		



# 4. Urban Forest Management

*Goal: Increase operational capacity, interdepartmental coordination and data systems to sustain a thriving and resilient urban forest.*

## 4.1 Continue to lead by example in how we manage, grow, and protect the urban forest

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
4.1 A	Participate in regional and national urban forestry networks to exchange best practices, innovations and knowledge.	Ongoing	NAC		D. Forest Management E. Community Involvement
4.1 B	Pilot innovative City projects—such as circular wood recovery programs—to demonstrate best practices and inspire replication.	Short-term	NAC		F. Canopy Cover Target
4.1 C	Centralize and enhance a web-based information hub.	Short-term	NAC	Communications and Civic Engagement	
4.1 D	Focus on impactful communication tools (social media, videos, apps) to reach all demographics.	Ongoing	NAC	Communications and Civic Engagement	
4.1 E	Explore external recognition awards (such as Tree City of the World) to formalize Coquitlam’s commitment to professional standards, transparent reporting, and public education.	Medium-term	NAC		
4.1 F	Explore certification under the Sustainable Forestry Initiative Community and Urban Forestry Standard to benchmark and audit City practices, track continuous improvement, and demonstrate leadership.	Long-term	TBD		

## 4.2 Integrate urban trees and forested areas into the City’s resource management plans and the City’s asset management systems

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
4.2 A	Continue to refine urban forest resource management plans (street, park, natural areas) including service standards (e.g., inspection cycles, pruning frequencies, IPM, etc.).	Ongoing	NAC		B. Tree Health C. Tree Diversity D. Forest Management
4.2 B	Complete full tree and natural areas inventory and integrate with GIS systems.	Medium-term	NAC		F. Canopy Cover Target
4.2 C	Explore opportunities to develop a natural asset management plan.	Long-term	\$\$	Engineering and Public Works, Finance	

## 4.3 Track progress, report publicly, and adapt management practices over time

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
4.3 A	Update UFMS Implementation Plan as needed.	Medium-term	NAC	Engineering and Public Works, Finance, Communications and Civic Engagement, Planning and Development	A. Tree Planting B. Tree Health C. Tree Diversity
4.3 B	Establish Interdepartmental UFMS Implementation Team (annual).	Short-term	NAC	Engineering and Public Works, Planning and Development, Finance, Communications and Civic Engagement, Fire and Rescue	D. Forest Management E. Community Involvement F. Canopy Cover Target
4.3 C	Provide updates on performance measures and accomplishments through the annual budget reporting process.	Short-term	NAC	Finance	

#### 4.4 Ensure resources are available to deliver the urban forest vision over time

#	Actions	Timeframe	Expense Estimate	Supporting City Departments/ Divisions	Indicator Areas
4.4 A	Create a Tree Initiatives Program to receive funds when developer planting targets cannot be met.	Short-term	NAC	Planning and Development, Finance	A. Tree Planting
4.4 B	Pursue grants and partnerships to expand public education programming, tree planting and stewardship opportunities.	Medium-term	NAC		B. Tree Health C. Tree Diversity
4.4 C	Update interdepartmental training materials for staff and contractors on tree protection, risk management, and species selection to reinforce consistency.	Medium-term	NAC	Planning and Development, Communications and Civic Engagement	D. Forest Management E. Community Involvement

