

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

DATE: Tuesday, September 26, 2023

TIME: 7:00 p.m. to 9:00 p.m.

PLACE: Council Committee Room, Coquitlam City Hall

CALL TO ORDER

ADOPTION OF MINUTES

1. **Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, July 25, 2023**

Recommendation:

That the Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, July 25, 2023 be approved.

NEW BUSINESS

2. **Climate Action Plan Engagement (Presentation by the Environmental Sustainability Manager and Sustainability Program Specialist)**
7:05 – 7:50 p.m. (45 minutes)
3. **Glen Park – Phase 3 (Presentation by the Parks Planner and Parks Planner 2)**
7:50 – 8:35 p.m. (45 minutes)
4. **Committee Members' Roundtable / Emerging Issues (Standing Agenda Item)**
8:35 – 9:00 p.m. (25 minutes)

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, November 28, 2023

ADJOURNMENT



SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE**Tuesday, July 25, 2023**

A Regular Meeting of the Sustainability and Environmental Advisory Committee convened on Tuesday, July 25, 2023 at 7:00 p.m. in the Council Committee Room, 3000 Guildford Way, Coquitlam, BC, with the following persons present:

COMMITTEE MEMBERS: Councillor Brent Asmundson, Chair
Councillor Robert Mazzarolo, Vice Chair (arrived at 7:01 p.m.)
Grayson Barke, Citizen Representative
Reza Berry, Citizen Representative
Linton Chokie, Citizen Representative
Silvia Cojocar, Citizen Representative
Mohammad Darabi, Citizen Representative
Daryoush Mohammad Hassani, Citizen Representative
Edward Lau, Citizen Representative
Bonnie Razzaghi, Citizen Representative

REGRETS: Kelly Koome, Citizen Representative

STAFF: Graham Stuart, Director Corporate Planning
Caresse Selk, Manager Environment
Jenny Tough, Environmental Education and Enforcement Manager
Thomas Thivener, Transportation Planning Manager
Jude Pillainayagam, Utility Asset Manager
Mark Thompson, Project Manager – Corporate Planning
Glen Chua, Transportation Planning Specialist
Caley Amundsen, Committee Clerk

CALL TO ORDER**ADOPTION OF MINUTES**

1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, May 23, 2023

The Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, May 23, 2023 were approved.

Councillor Robert Mazzarolo, Vice Chair, arrived to the meeting at this time (7:01 p.m.).

NEW BUSINESS

2. Strategic Transportation Plan & E-Mobility Demonstration

The Transportation Planning Manager and Transportation Planning Specialist provided an on-screen presentation entitled “Strategic Transportation Plan Proposed Vision, Goals & Themes” that covered the following topics:

- Overview of the Strategic Transportation Plan (STP) including its timeline, proposed vision, goals and key objectives
- Key insights from STP public engagement and results breakdown from the Coquitlam Household Travel Survey (2022) (hereon “the Survey”) conducted by Malatest & Associates on behalf of the City
- Interactive data from the Survey being available on the City’s Let’s Talk Coquitlam website
- Coquitlam population growth and expectations of increased concentration near rapid transit areas such as City Centre, Lougheed and Burquitlam
- The STP’s synergy with other City and Provincial corporate plans
- The desire to capitalize on “mobility hubs” or parking stations with various transportation and micromobility options
- Overview of the City’s E-Mobility Strategy and E-Scooter Pilot Project (hereon “the Project”)
- Public demand for safer transportation infrastructure and multimodal options
- Examples of separated infrastructure in Coquitlam and other municipalities
- The National Association of City Transportation Officials’ micromobility infrastructure recommendations, including wider protected lanes for wider devices and passing, safe and maneuverable intersections and driveways, smooth surfaces for devices with small wheels, and an easily identifiable network that people would want to use
- The draft Micromobility and Greenway Network updates, vision, principles and 2050 goals
- Taking advantage of redevelopment projects to create better transportation infrastructure

Discussion ensued relative to the following:

- Whether the Project’s devices work outside City boundaries, the Project’s age restrictions and a form for residents to provide feedback on the Project
- Support for “mobility hubs”
- The desire for smoother road surfaces more comfortable for e-scooter use
- Bike network gap on Lougheed Highway between Highway 1 and 203rd Avenue
- Whether data exists to demonstrate the Project’s impact on reducing traffic congestion and automobile usage
- Potential impact of the COVID-19 pandemic on the Survey’s results and accuracy
- Possibility of the City offering free trial days for micromobility devices and information sessions on how to use them
- The importance of clustering community amenities and services rather than having them spread over vast areas
- Safety concerns and regulations around micromobility devices
- Whether there is synergy between the City’s departments regarding communicating micromobility infrastructure expectations to developers and whether the City can condition bike lanes through rezoning development applications
- Pushback from landowners over micromobility infrastructure

- The desire to work with immigrant settlement organizations to assist newcomers to Canada in becoming comfortable with using e-bikes and e-scooters
- Challenges with the City of New Westminster in relation to the Brunette Interchange
- The possibility that seated e-scooters will eventually become legal

3. Creek Hazard Assessment

The Utility Asset Manager provided an on-screen presentation entitled “City of Coquitlam Creek Hazard Assessment & Mitigation” that covered the following topics:

- Map of Coquitlam Creeks
- Creek assessment methodology, timeline and challenges
- The City’s Climate Adaptation Strategic Plan (2020), Environmental Sustainability Plan (2022) and In-stream Works Program
- Existing City programs and initiatives regarding creek management, including the Creek Hazard Assessment and Mitigation Program
- Top 15 at-risk creeks in Coquitlam
- Timeline for developing the Field Inspection and Mitigation Master Plan
- Future considerations and next steps

Discussion ensued relative to the following:

- Whether data exists on the number of drainage mains that flow into Coquitlam creeks and on the health of creeks across time
- The logistics of creek bed modification and Provincial legislation involving mitigation strategies
- The importance of planning for future extreme rainfall events
- Frequency of creek monitoring and assessment and factors that are considered
- Mitigation strategies that slow water drainage and flow prior to reaching creeks
- Positive impact of rain gardens and other green infrastructure on creek flows and drainage

4. Environmental Volunteer Celebration Public Event

The Environmental Education and Enforcement Manager led a brief discussion on the following topics:

- The desire by past Committee members to open the Environmental Volunteer Celebration to the public
- The possibility to open future Environmental Volunteer Celebrations to the public beginning in 2025

The Committee endorsed the recommendation for staff to make the second half of the Environmental Volunteer Celebration, beginning in 2025, open to the public.

5. 2024 – 2027 Strategic Plan Renewal: Opportunity for Input

The Director Corporate Planning and Project Manager – Corporate Planning provided an on-

screen presentation entitled “2024 – 2027 Strategic Plan Renewal” that covered the following topics:

- Overview of the City’s Strategic Plan (hereon “the Plan”)
- Key objectives, timeline and engagement opportunities for the Plan’s renewal process
- Synergy between the Plan and other City corporate plans
- The Plan’s core components and components that will be updated in 2024 and 2028
- Key themes identified by the annual Business Plan and online Ipsos Community Satisfaction Survey
- How the Committee’s feedback will be reported to Council and used to develop actionable items

Discussion ensued relative to the following:

- In regards to the *Safe and Complete Neighbourhoods* theme, including climate adaptation measures, mixed-use zoning bylaws for residential and commercial space, reducing food deserts/lack of accessible and healthy food, public safety initiatives to combat gangs and gun violence, multimodal transportation options, more access to recreation programming, more lighting at night, cultural and recreational options to promote wellbeing, and increasing childcare spaces
- In regards to the *Local Economy and Local Jobs* theme, including more office space, presentation and event centres, co-working spaces, more hotels and accommodations to support commercial growth, innovative and high-technology infrastructure, facilities for start-ups, a Coquitlam baseball stadium, incentives to support small business, and economic branding
- In regards to the *Healthy Community and Active Citizens* theme, including climate resilient infrastructure and facilities, advocating for more healthcare centres, promoting natural outdoor amenities, bear-proof garbage bins along park trails, diversity of park amenities, additional pickleball courts, more covered community areas for different weather conditions, creating different community activity groups, and increasing transportation options to community centres
- In regards to the *Sustainable Services, Environment and Infrastructure* theme, including more roof-gardens, smart road surfaces and heat mitigation efforts, different parking options, maintenance and improvement of tree canopy, promoting electric vehicle (EV) charging infrastructure and micromobility options, promoting information and education about City green initiatives, reducing light and noise pollution, natural asset valuation, banning single-use plastics, cultivating public stewardship of environment, increasing community partnerships with non-profits, and fostering a transit-oriented community
- In regards to the *Excellence in City Governance* theme, including financial resource management, sustainable budgeting, offering community engagement and awareness opportunities, engaging with faith-based communities to disseminate information on City programs and services, providing different means to communicate feedback such as service kiosks, transparent and efficient public service, departmental reviews, and strong partnerships with private sector

6. Committee Members’ Roundtable / Emerging Issues

The Chair invited the Committee members to share information and emerging issues from the community.

The following information was shared:

- Coquitlam Public Library's Eco-Cinema Series with two screenings on August 9 and September 14, 2023
- Discussions around wildfire emergency preparedness in Coquitlam and wildfire preparedness grants
- The City's Community Wildfire Resiliency Plan
- Metro Vancouver Watershed Tours
- Updates on NAV Canada's proposed airline route changes in the proximity of Vancouver International Airport (YVR)

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, September 26, 2023


ADJOURNMENT

The meeting adjourned at 9:00 p.m.

MINUTES CERTIFIED CORRECT:

Brent Asmundson, Chair

Caley Amundsen, Committee Clerk



Sustainability and Environmental Advisory Committee - September 2023

Climate Action Plan Project Update and Discussion

f t @ y l | <https://www.coquitlam.ca/387/Climate-Action>

Coquitlam

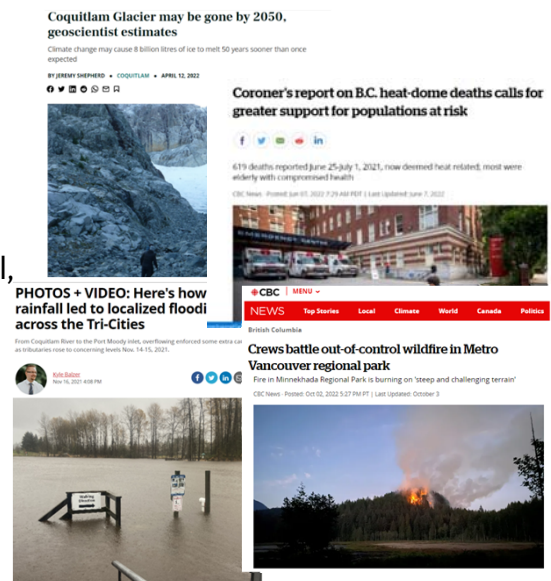
Agenda

- Background
- Coquitlam's emissions
- Priority Areas
- Discussion
- Next Steps

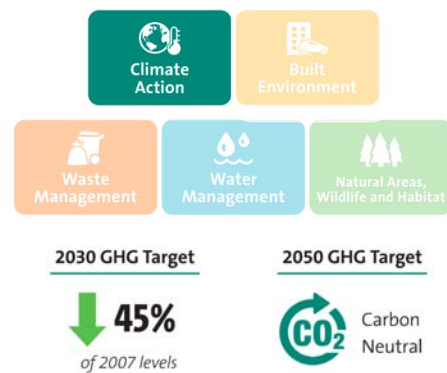
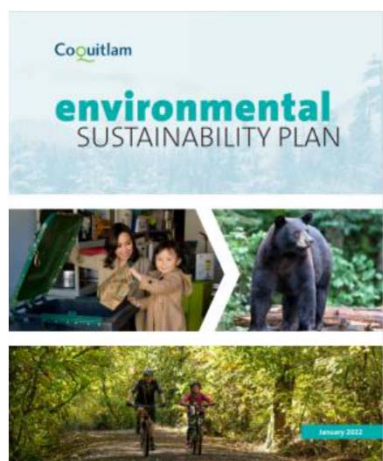


Why Coquitlam needs a Climate Action Plan

- Preparing for local climate impacts
- Rapid growth and development
- Evolving climate policy at regional, provincial, and federal levels
- Funding Opportunities
- Replaces Community Greenhouse Gas Reduction Strategy
- Updated GHG targets

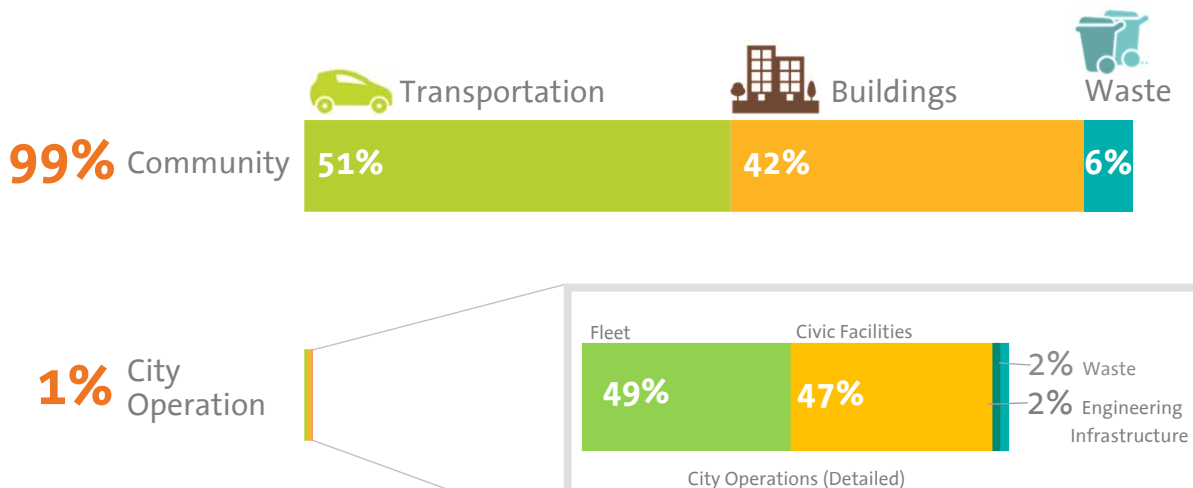


Environmental Sustainability Plan



Action 1: Develop and implement a **new Climate Action Plan** that incorporates emerging best practice approaches and innovative technology, and prioritizes actions **to achieve the City's community and corporate climate change targets**

Coquitlam's Carbon Pollution



Coquitlam

4

Priority Areas



How we build



How we consume



How we move



How we steward

Coquitlam

5



How we build

Where we want to go:

- All new and existing homes and buildings are comfortable, healthy, efficient, and affordably powered by low-carbon energy sources.
- Buildings are built and renovated using low-carbon materials and processes.



How we build

How this shows up in your life

- Access to low carbon heating and cooling
- Financial and technical support for building retrofits
- Industry training and support for zero-carbon buildings
- Making it easier to use low-carbon materials to build and renovate



How we move

Where we want to go:

- Trips around the city are increasingly taken along networks of safe and accessible sidewalks, bike paths, micro-mobility lanes, and public transit.
- Cleaner air and a quieter city as we reduce carbon pollution from personal and delivery vehicles.



How we move

How this shows up in your life

- Complete communities
- Safe routes that are designated for walking and rolling
- Reduce parking requirements
- Transition to electric vehicles
- Access to charging stations
- Access to vehicle sharing programs
- Remote work



How we consume

Where we want to go

- Goods and materials are produced and reused in a circular manner that reduces and avoids waste, and diverts waste from landfills.
- Food waste is minimized and local food system initiatives are supported.



How we consume

How this show up in your life

- Reduce food waste and increasing diversion
- Support the local food economy
- Reduce purchase and use of single-use items
- Reuse and recycle construction and demolition materials
- Proper disposal of household items



How we steward

Where we want to go

- Natural assets and ecosystems are protected, restored and enhanced.
- Natural spaces for everyone to enjoy that also increase biodiversity, carbon storage, and contribute to healthy air and water.



How we steward

How this shows up in your life

- Neighbourhood access to treed spaces
- Tree-planting
- Conserve natural areas and parks
- Protecting, restoring and enhancing ecosystems
- Nature-based solutions and green infrastructure

Discussion

Next Steps

- **Community Engagement**
 - Survey
 - Pop-up events
 - Online information session
 - Conversations with key groups
- **Staff workshops and scenario modelling**
- **Drafting the plan**





City of Coquitlam
Parks, Recreation,
Culture and Facilities

Glen Park Phase 3

Sustainability and Environmental Advisory Committee

September 26, 2023

    
coquitlam.ca/

Coquitlam



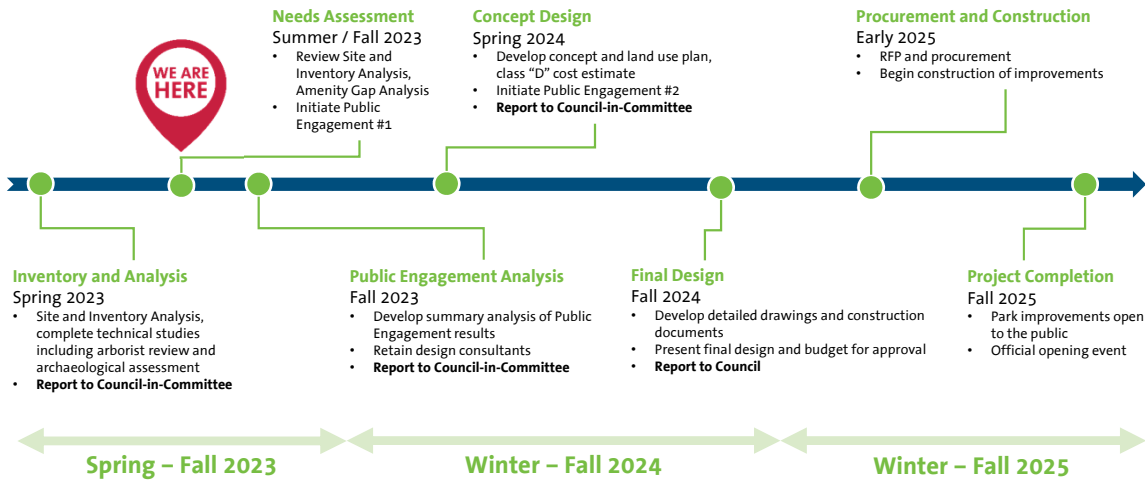
Agenda

1. Project Timeline
2. Project Context
3. Demographic Snapshot
4. Vegetation Assessment
5. Existing Conditions
6. Phase 3 Potential Improvements
7. Questions and Feedback
8. Engagement Opportunities



Coquitlam

Project Timeline



Coquitlam

2

Project Context

LOCATION

- 16.7 acre community park in the growing City Centre Neighbourhood.

GLEN PARK MASTER PLAN (2011)

- Develop a Vision based on the community's values while balancing needs and objectives to deliver outdoor recreation and open space amenities.



Coquitlam

3

Demographic Snapshot

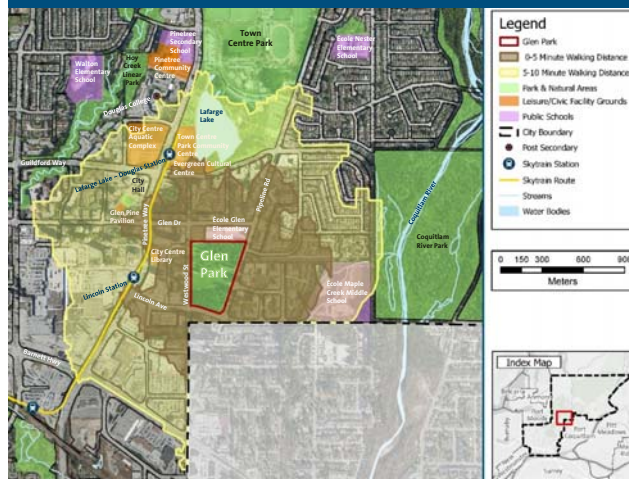
2022 WALKSHED AGE DEMOGRAPHIC BREAKDOWN

	Age Group	Population	Percentage of Total
0-10 Minute Distance	0-19	2,869	16.2%
	20-34	4,263	24.1%
	35-54	5,178	29.2%
2022 Census Total:		17,725	30.5%
		55+	5,415

POPULATION PROJECTIONS

	Year	Population	Growth %
0-5 Minute Walk Distance	2023	9,700	
	2030	11,900	+23%
	2040	14,510	+50%
5-10 Minute Walk Distance	2023	8,600	
	2030	11,300	+31%
	2040	14,100	+64%

Glen Park – 5 & 10 minute Walking Distance



Coquitlam

4

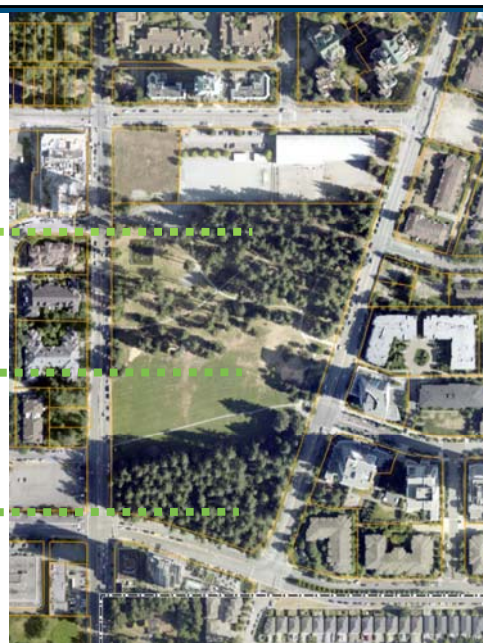
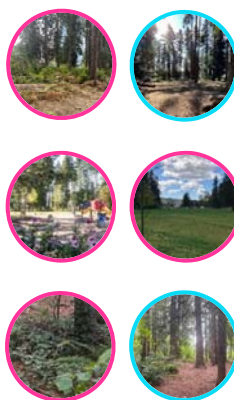
Vegetation Assessment

TREES & TREE HEALTH

- Assessment performed by ISA Certified Arborist
- Primary tree species identified: Western White Pine, Douglas-Fir, Western Red Cedar, Western Hemlock
- Health assessment to guide future plans for long-term forest health planning, program & pathway planning to avoid adjacent land conflicts

EXISTING SHRUBS & PERENNIALS

- Formal irrigated planting beds along Pipeline
- Central lawn space
- Natural understory planting beneath forested areas
- Presence of invasive species within understory planting (blackberry, English ivy)

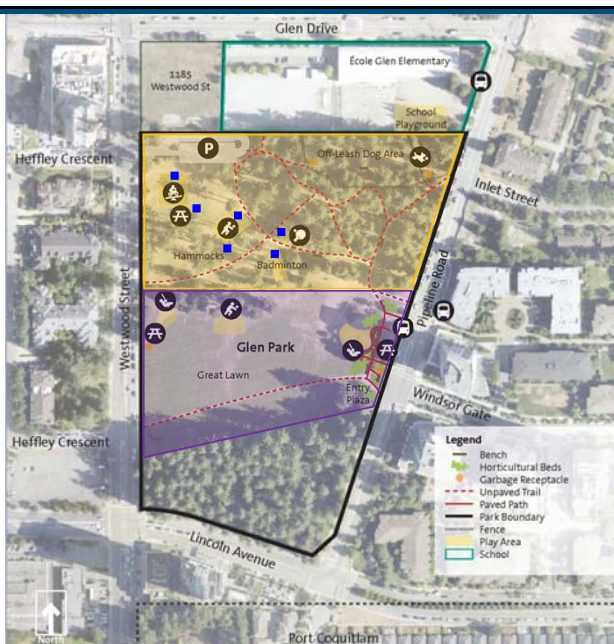


Coquitlam

5

Existing Conditions

GLEN PARK UPDATES	
Year	Update
2012	Hazardous tree assessment
	Off-leash dog area
	Formalized Path System
2014	Entry Plaza
	New Playground
2016	Formalization of the 'Great Lawn'
2022	Temporary Amenities
	• Bicycle Pump Track
	• Sand Volleyball Court
	• Badminton Court
	• Table Tennis
	• Variety of Seating



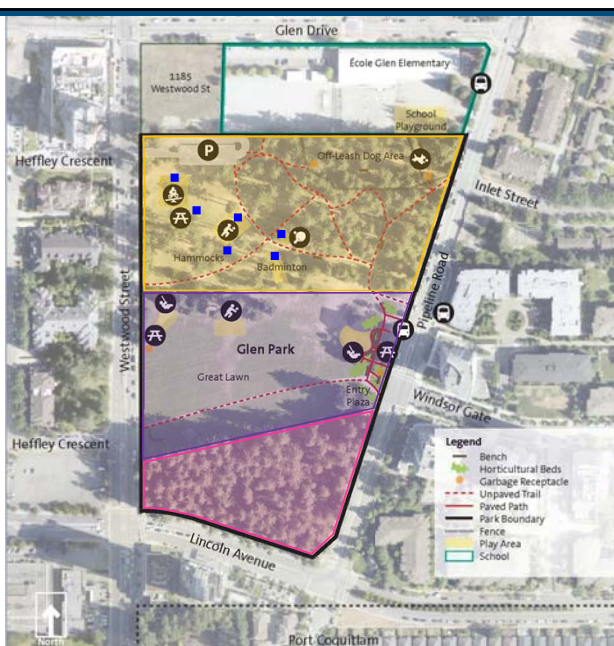
Coquitlam

6

Phase 3 Potential Improvements

The 2011 Glen Park Master Plan and subsequent reports included the following proposed features that have not been built-to-date:

- NORTH SECTION**
 - Skate park
 - Sport court
 - Picnic area
 - Outdoor fitness
- CENTRAL SECTION**
 - Plaza extension
 - Water play
 - Washroom
- SOUTH SECTION**
 - Walking trails
 - Park access / Entrways



Coquitlam

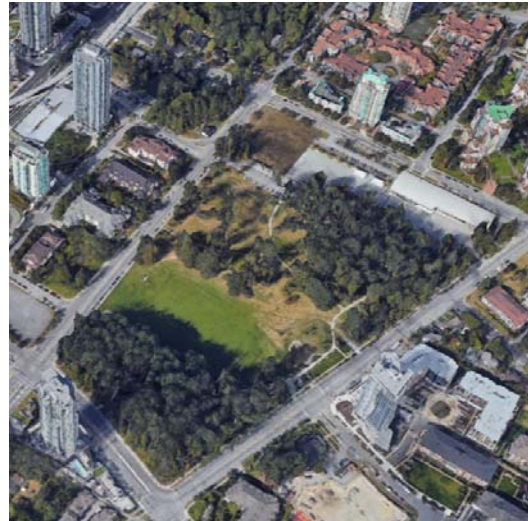
7

Questions and Feedback

QUESTIONS FOR THE ADVISORY COMMITTEE: [MURAL](#)

NEXT STEPS

- Public engagement: Fall 2023
- Report to Council: Fall 2023
- Concept & Detailed Design: 2024



Coquitlam

8

Engagement Opportunities

Online Survey:

<https://letstalkcoquitlam.ca/GlenPark>

Email:

ParksAndConsultation@coquitlam.ca

Please submit comments by **October 15th**!

Thank You!



Coquitlam

9