

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

DATE: Tuesday, September 16, 2025

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

PLACE: Council Committee Room, Coquitlam City Hall

CALL TO ORDER AND TERRITORIAL ACKNOWLEDGEMENT

ADOPTION OF MINUTES

- 1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, April 8, 2025**

Recommendation:

That the Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, April 8, 2025 be approved.

NEW BUSINESS

- 2. Proposed Amendments to Metro Vancouver Air Quality Management Fees (Presentation by Esther Berube, Division Manager, Air Quality Bylaw and Regulation Development, Metro Vancouver)**
(7:05 – 7:30 p.m.)
- 3. Burke Mountain Community Centre and Burke Village Park Update (Presentation by Tobi May, Director Major Capital Projects)**
(7:30 – 8:00 p.m.)
- 4. 2025 Environmental Volunteer Celebration Debrief (Presentation by Madeleine Lemaire, Solid Waste Program Specialist)**
(8:00 – 8:10 p.m.)
- 5. 2025 Urban Wildlife Update (Presentation by Nilou Rajaei, Urban Wildlife Coordinator)**
(8:10 – 8:25 p.m.)
- 6. Committee Members' Roundtable / Emerging Issues (Standing Agenda Item)**
(8:25 – 8:45 p.m.)



OTHER BUSINESS

NEXT MEETING DATE – Tuesday, November 25, 2025

ADJOURNMENT

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

Tuesday, April 8, 2025

A Regular Meeting of the Sustainability and Environmental Advisory Committee convened on Tuesday, April 8, 2025 at 7:00 p.m. in the Council Committee Room, City Hall, 3000 Guildford Way, Coquitlam, BC, with the following persons present:

** Indicates Virtual Attendance*

COMMITTEE MEMBERS: Councillor Steve Kim, Vice Chair
Mark Ashton, Citizen Representative
Grayson Barke, Citizen Representative
Reza Berry, Citizen Representative
Craig Busch, Citizen Representative
Linton Chokie, Citizen Representative
Daryoush M. Hassani, Citizen Representative
Edward Lau, Citizen Representative
Hasina Razafimahefa, Citizen Representative
Nadia Springle, Citizen Representative
Azar Varasteh, Citizen Representative*

ABSENT: Councillor Brent Asmundson, Chair
Sarah Ramji, Citizen Representative (Regrets)

STAFF: Jonathan Helmus, Director Utilities
Caresse Selk, Senior Manager Environment
Jenny Tough, Manager Environmental Education and Enforcement
Cassidy Stadel, Utility Planning Engineer
Trevor Cheung, Engineering Technologist I
Meghan Malkowich, Committee Clerk

CALL TO ORDER AND TERRITORIAL ACKNOWLEDGEMENT

The Vice Chair called the meeting to order at 7:00 p.m. and provided an Indigenous territorial acknowledgement.

ADOPTION OF MINUTES

1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, February 11, 2025

The Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, February 11, 2025 were approved.

NEW BUSINESS

2. Stormwater Treatment Facility Update

The Director Utilities gave a presentation entitled “Stoney Creek Treatment” and referred to slides contained in the Agenda package.

Discussion ensued relative to the following:

- Opportunities to reduce maintenance costs of rain gardens by developing a volunteer-based caretaking program.
- The impact of the filtration process on organic materials in water going through the treatment process.
- Planned maintenance and the estimated lifetime of the water treatment system.
- The aesthetics of the Stoney Creek stormwater treatment facility and the ability to use the space above for recreation.
- Possible future locations for similar stormwater treatment facilities and opportunities to set aside land in advance of development.

Committee Member Grayson Barke gave a presentation entitled “How Can Municipal Governments in Metro Vancouver Reduce the Amount of 6PPD-Q Entering Fish-Bearing Watercourses?” and referred to slides in the Agenda package.

Discussion ensued relative to the following:

- Alternatives to common tire design and manufacturing that may reduce the amount of 6PPD being introduced into the environment.
- Opportunities for more public education to increase awareness.
- Opportunities to partner with tire manufacturers to develop solutions.

3. Inflow and Infiltration (I&I) Update

The Utility Planning Engineer and Engineering Technologist gave a presentation entitled “Inflow and Infiltration Update” and referred to slides contained in the Agenda package.

Discussion ensued relative to the following:

- How the diameter of the infrastructure impacts design capacity.
- Trends in discoveries of improper cross connections.
- The financial cost of fixing cross connections and private systems on homeowners and the City’s enforcement measures.

- Notification methods for improper connections and community engagement.
- The impacts of weather events such as atmospheric rivers on City infrastructure and future planning and maintenance.
- The lateral grant program and opportunities for increased engagement with homeowners.
- The issue of lack of visibility of underground infrastructure making the problem seem less immediate.
- Opportunities for the City to provide more resources and education for owners of private infrastructure to make improvements.
- The status of other municipalities in partnership with decreasing Inflow and Infiltration (I&I).
- Combined sewer system programs present in other municipalities and mandated infrastructure changes.
- Potential impacts of increasing development of higher density developments that utilize older infrastructure.
- City requirements to require developers to replace private and frontage systems.

The Director Utilities, Utility Planning Engineer and Engineering Technologist left at this point and did not return (8:24 p.m.).

4. Committee Members' Roundtable / Emerging Issues (Standing Agenda Item)

The Vice Chair invited Committee members to share emerging sustainability and environmental issues and events in their communities.

Discussion ensued relative to the following:

- The status of the City of Coquitlam's Climate Action Plan and Urban Forest Management Strategy.
- The City's consideration of the Zero Carbon Step Code.
- Desire for transportation updates regarding active transportation and interest in public sentiment and engagement.
- The Fraser Mills Development and opportunities to partner with kwikwə'łəm First Nation regarding the eulachon breeding grounds in the Fraser River.
- Opportunities for public engagement to promote Earth Day, such as the upcoming Repair Café.
- The City's utilization of the Local Government Climate Action Program and the Low Carbon Fuel Standard Funds.

- Opportunities for the City to apply for funding from the Growing Canada's Community Canopies initiative led by the Federation of Canadian Municipalities' (FCM) Green Municipal Fund.
- District energy and thermal energy networks and opportunities for partnerships with developers.

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, June 24, 2025

ADJOURNMENT

The meeting adjourned at 8:50 p.m.

MINUTES CERTIFIED CORRECT:

Councillor Steve Kim, Vice Chair

Meghan Malkowich, Committee Clerk



View to Burnaby Mountain and northeast Metro Vancouver

Proposed Amendments to Air Quality Management Fees

Esther Bérubé, P.Eng.

Division Manager, Air Quality Bylaw Development

Gaurav Singh

Air Quality Planner, Air Quality Bylaw Development

City of Coquitlam, Sustainability and Environmental Advisory Committee (SEAC), September 16, 2025

78909610

metrovancouver



23 Member Jurisdictions

Over **3 Million** Residents

53% of BC population

61% of BC GDP

1.29 million jobs



SCOPE OF AIR QUALITY AND CLIMATE ACTION FUNCTION

- Metro Vancouver responsible for air quality and reducing air contaminant emissions since 1972
- Climate change impacts are growing
- Continued effort to reduce air contaminants
- Regulatory role:
 - 10 air quality regulations
 - 150+ permits
 - ~1,000 regulated sites
 - 4,000+ active, registered non-road diesel engines



Vancouver, 1939



Vancouver, 2024

AIR QUALITY MANAGEMENT AND REGULATION

- Monitor air quality
- Create long-term plans
- Analysis and research
- Communications and advocacy
- Emissions reduction programs
- Develop bylaws and regulations
- Issue permits and administer regulations
- Compliance promotion and enforcement
- Complaint response

AIR QUALITY MANAGEMENT FEES BYLAW

- Sets fees for authorized air contaminant discharges
- Guiding principles:
 - Cost recovery
 - Discharger-pay
 - Emissions reduction
- Fees generally assessed on
 - permitted limits, or
 - measured or estimated emissions when no limits are specified in the permit



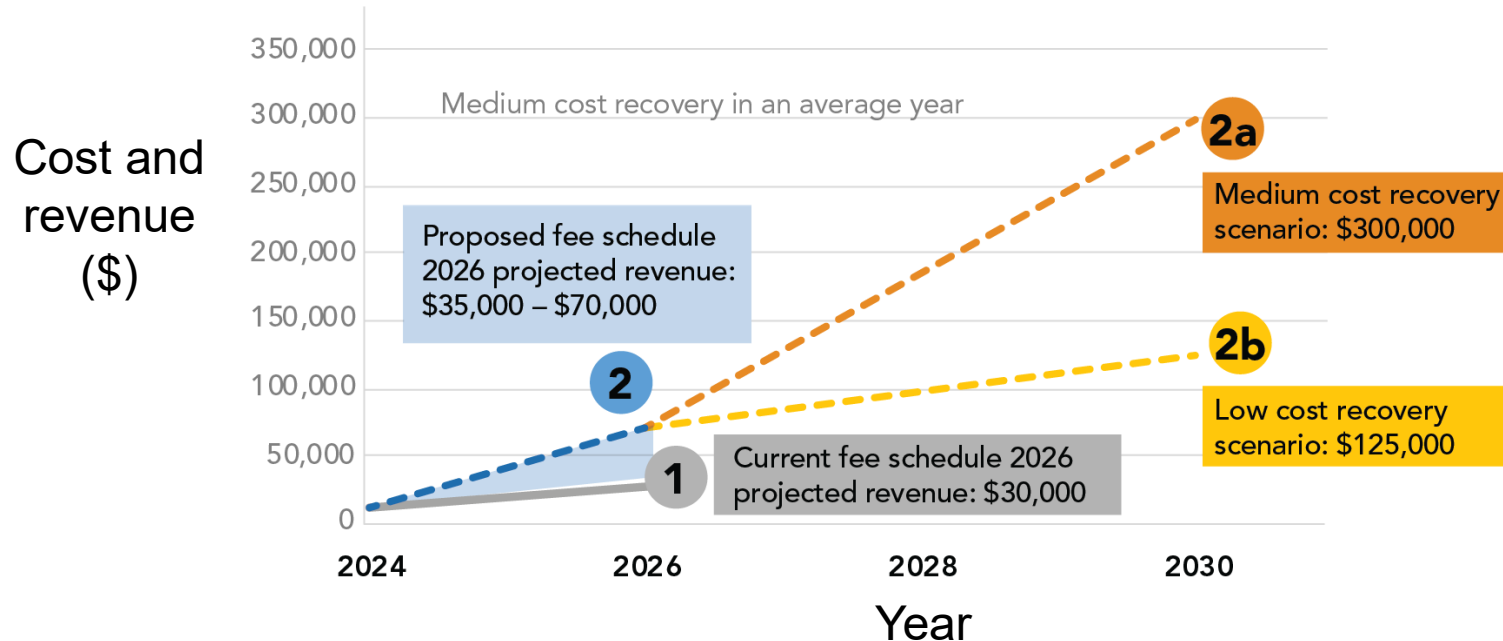
PROPOSED BYLAW AMENDMENTS

- Update definitions
- Cap application fees
- Apply interest on late payments
- Clarify fee rules for contaminants that meet the definition of multiple fee categories
- Update fee rates and correct bylaw inconsistencies for odorous air contaminants (OACs)

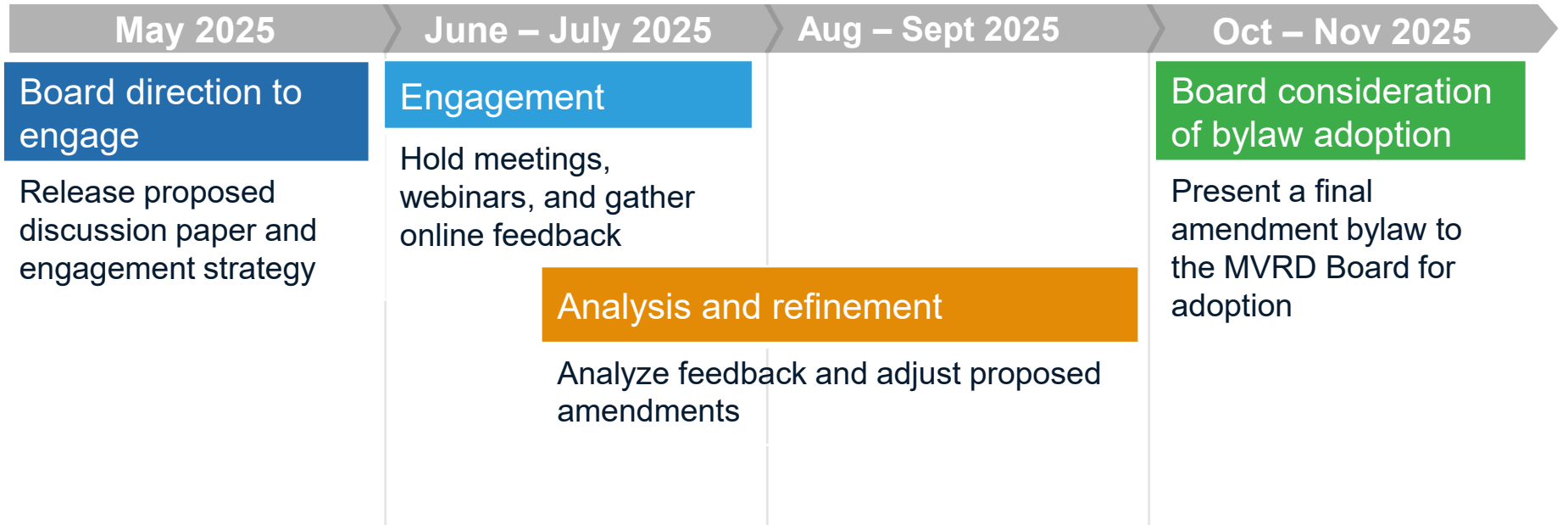


PROPOSAL TO PHASE IN COST RECOVERY FOR ODOUR MANAGEMENT

Cost for odour management and revenue from fees

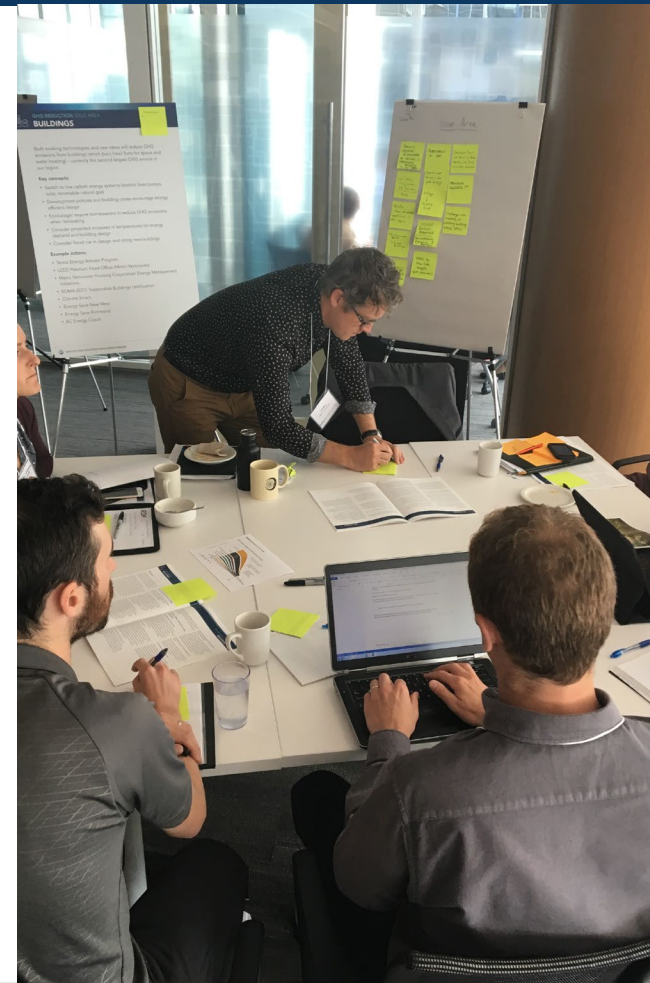


PROPOSED TIMELINE AND NEXT STEPS



FOR MORE INFORMATION

- Please visit: metrovancover.org
 - Search “air quality fees”
- Email: AQBylaw@metrovancover.org
- Sign up for notifications





Vancouver Skyline

Questions?

metrovancouver



City of Coquitlam

Burke Mountain Community Centre & Burke Village Park Design Update

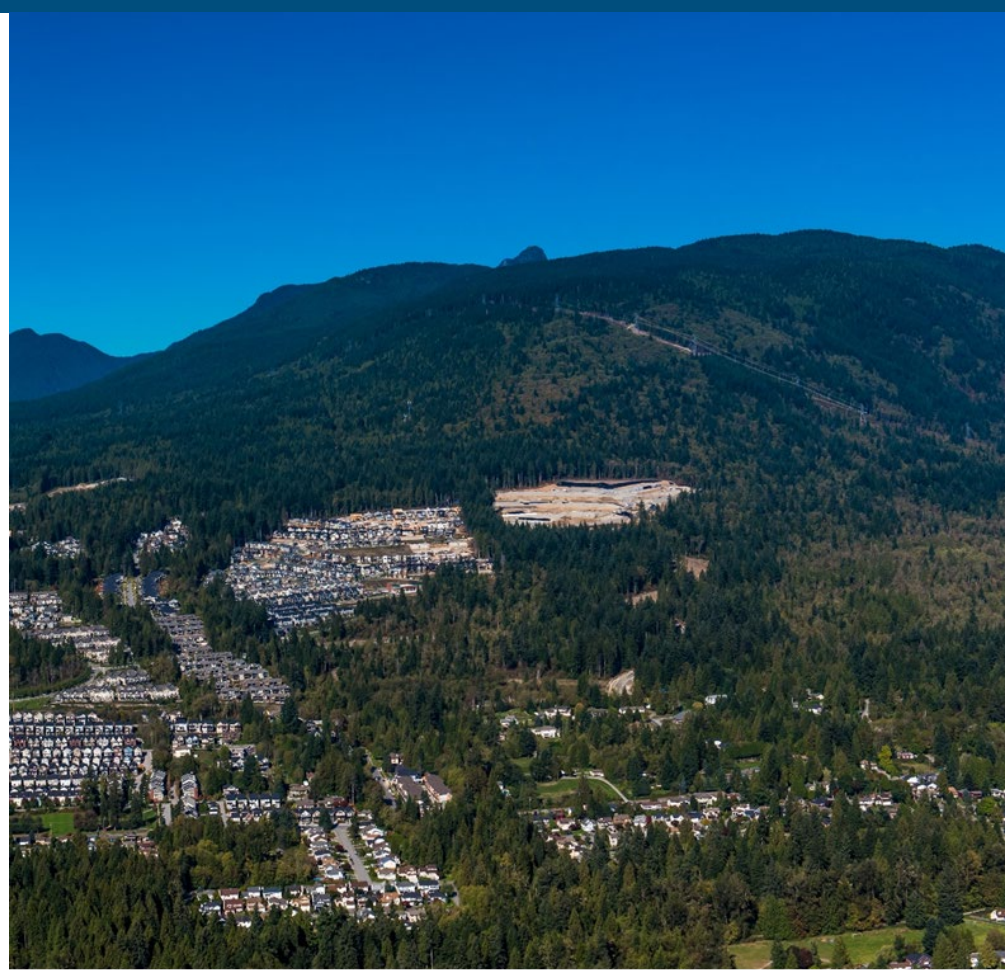
Sustainability and Environment Advisory Committee | September 16, 2025

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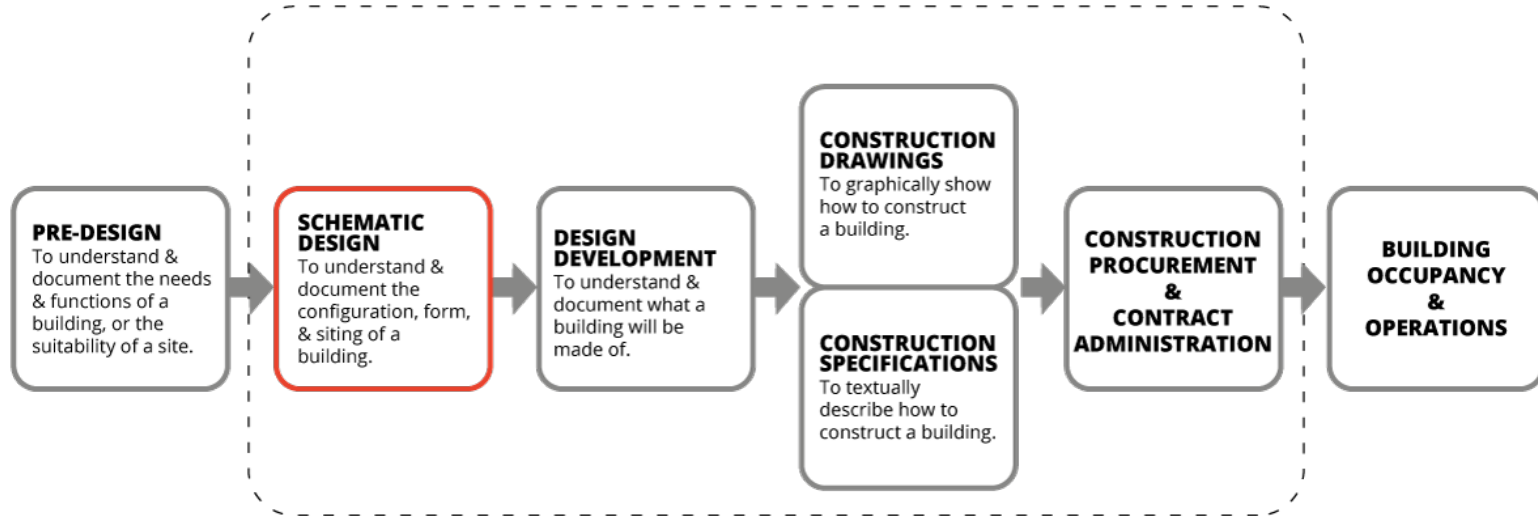
Coquitlam

Agenda

1. Phases of Design
2. Facility Schematic Design
3. Park Schematic Design
4. Sustainability and Environment Highlights
5. Next Steps



Phases of Design

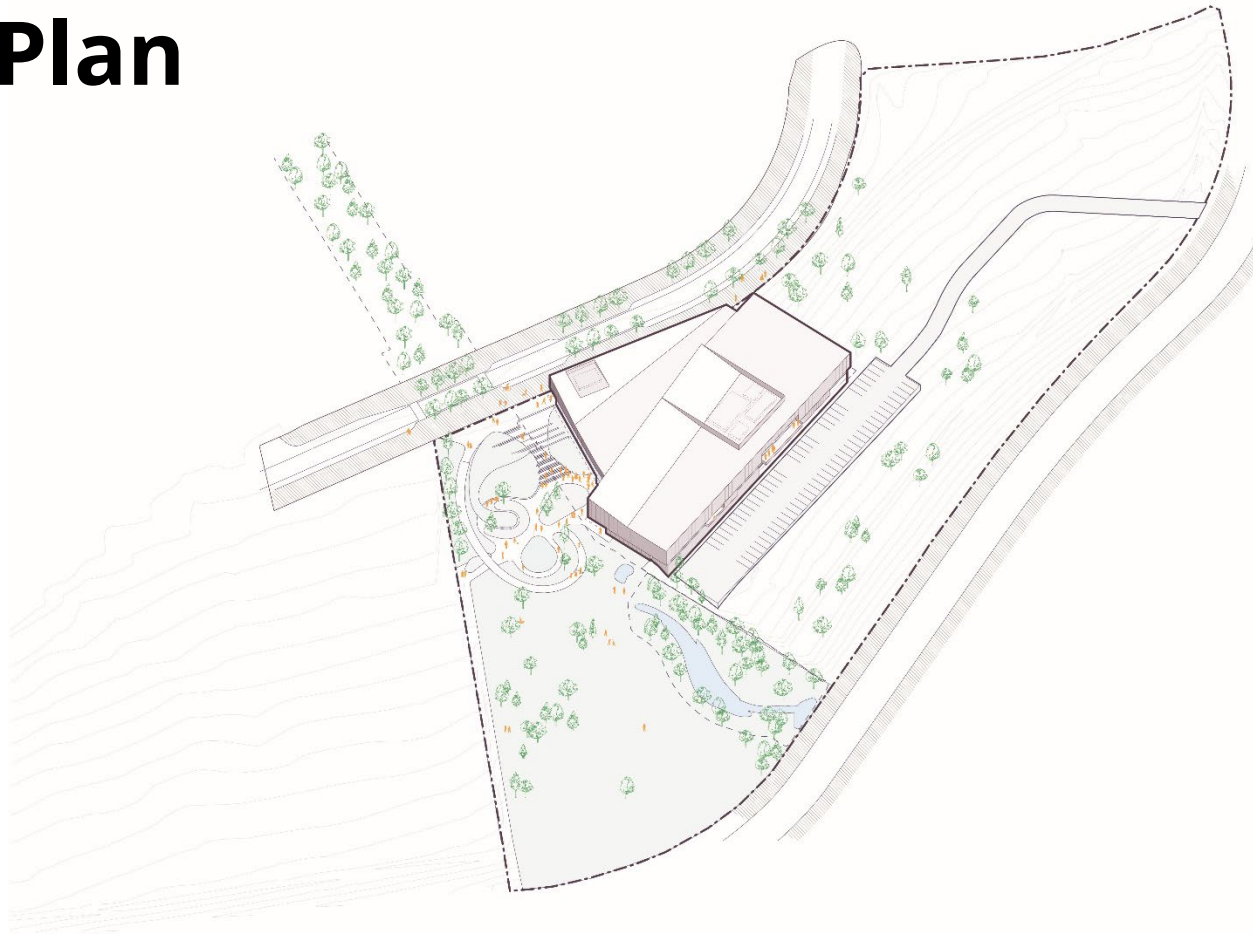


Burke Mountain Community Centre Schematic Design

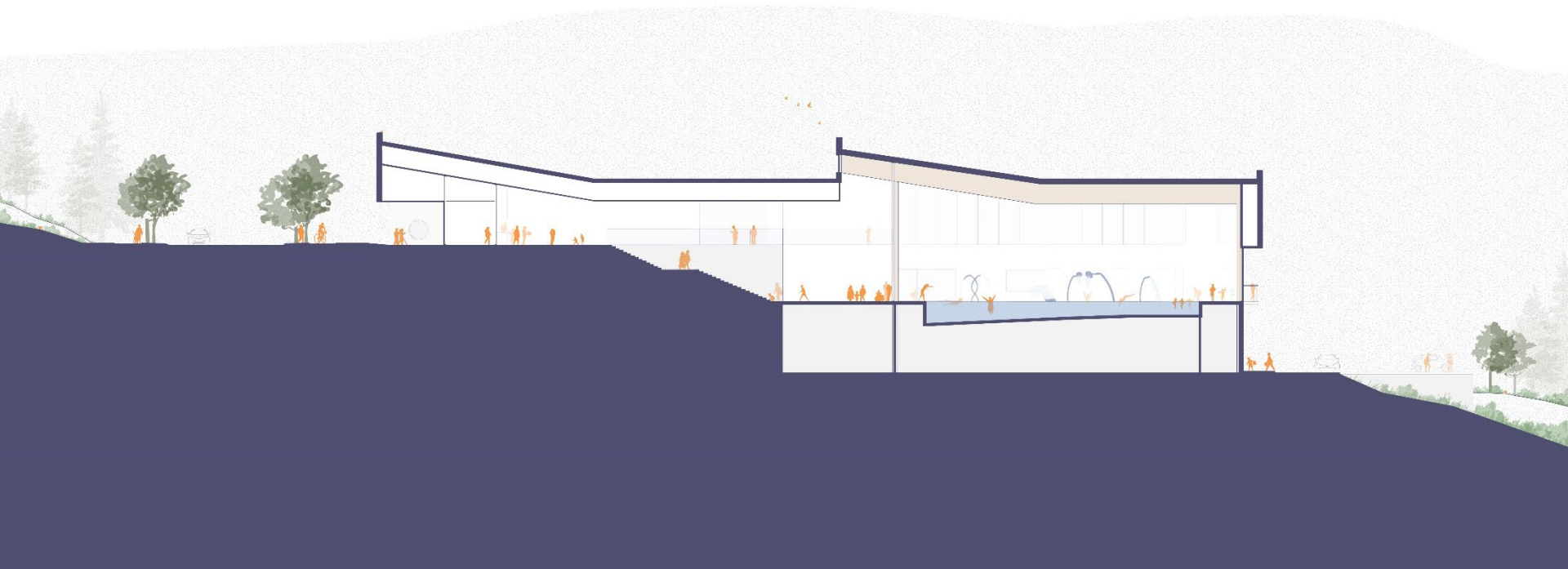
Vision Statement

“The Burke Mountain Community Centre is a catalyst for community, immersed into the landscape and the life of the village. It builds connections and enriches lives by providing a hub for socializing, life-long learning, health, creation and play. The new Centre will respond to the unique social, educational, physical and economic well-being of the Burke Mountain community.”

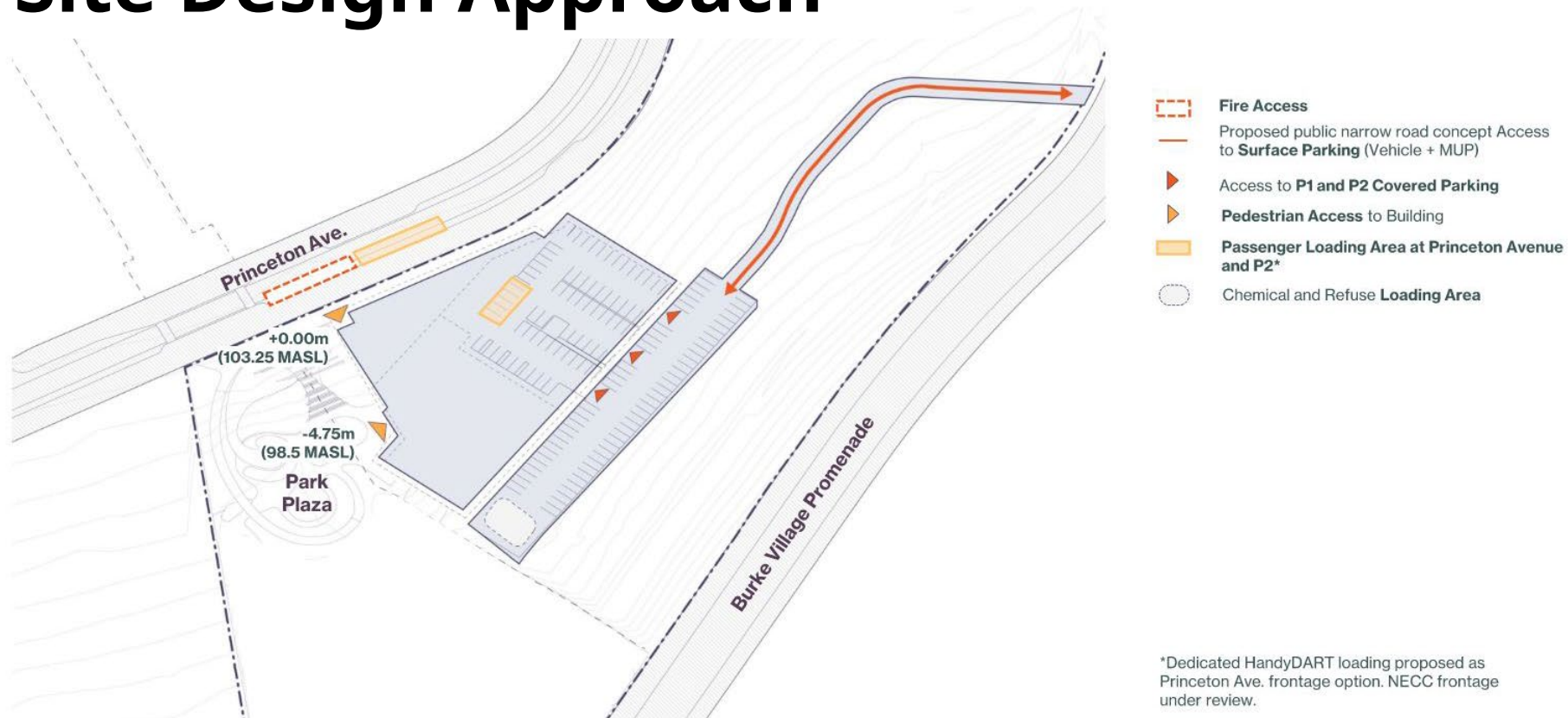
Site Plan



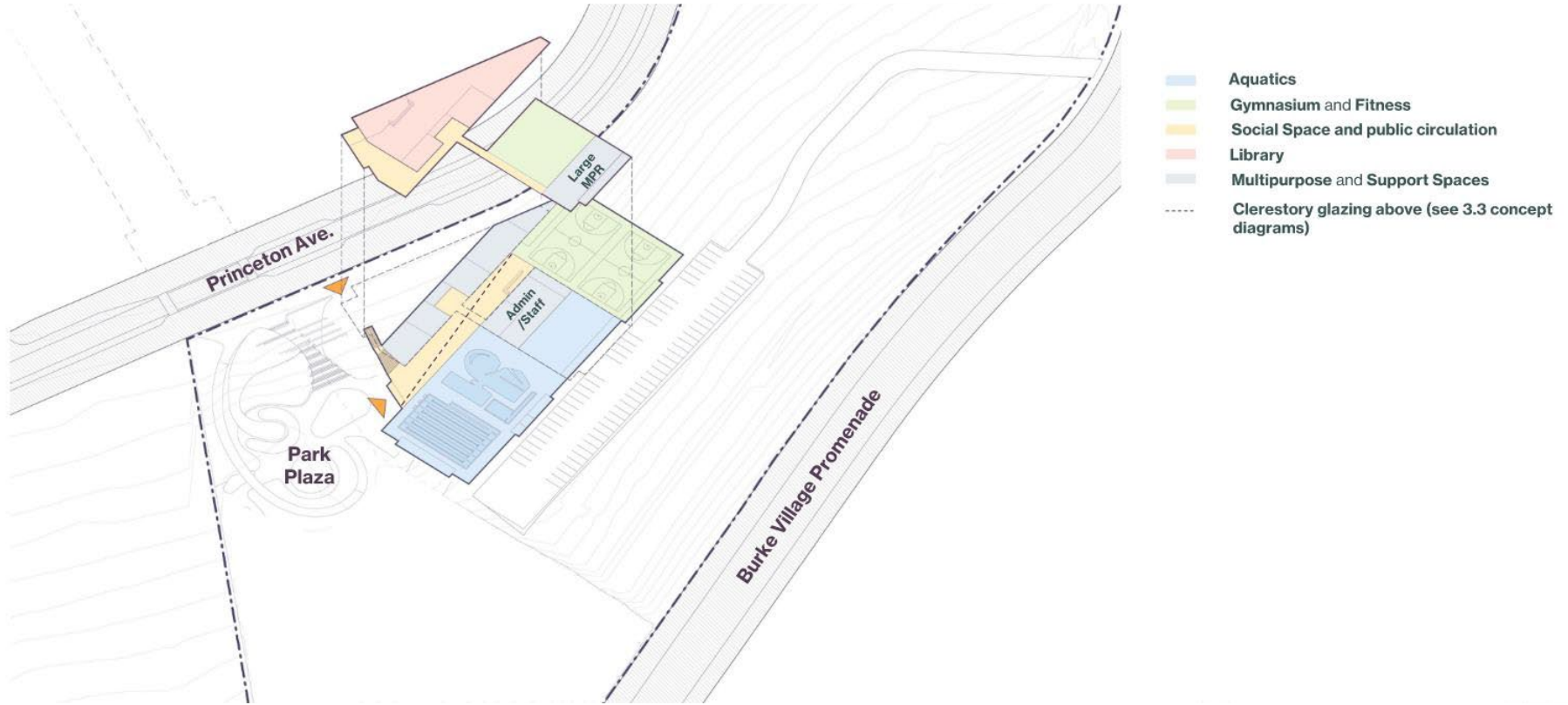
Section Plan



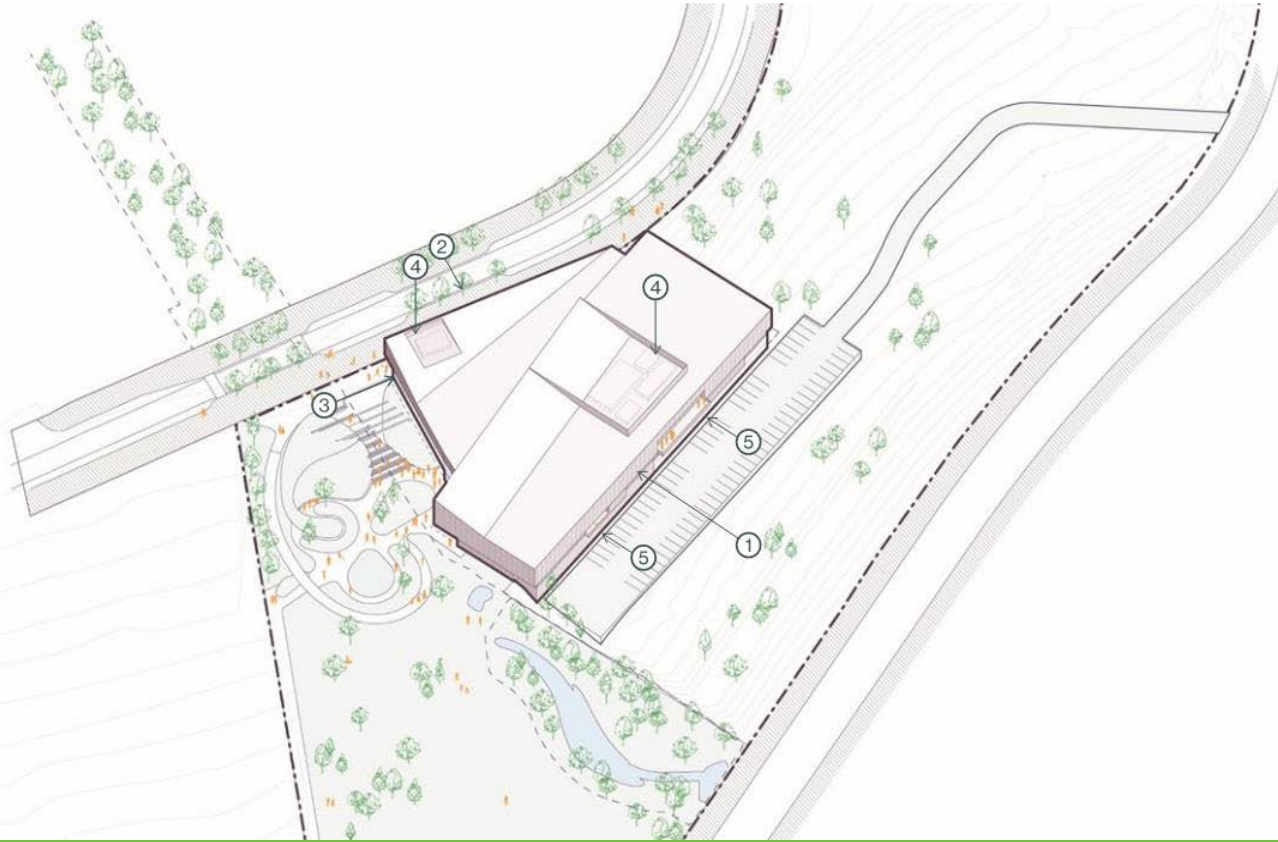
Site Design Approach



Space Planning



Massing and Architectural Expression



- ① Eye-level glazing facing mountain views, massing **overhang** on south façade to control solar exposure.
- ② Eye-level glazing and weather protection **overhang** along Princeton.
- ③ Façade articulation and cladding strategy to facilitate wayfinding on west façade. **Potential screen or vertical fins** for glare protection.
- ④ Rooftop mechanical units screened with a combination of acoustical screens and massing.
- ⑤ Overhanged **exterior balconies**.

Materiality/Color Palette

Inspired from the surrounding Burke Mountain Landscape



View from Princeton Avenue



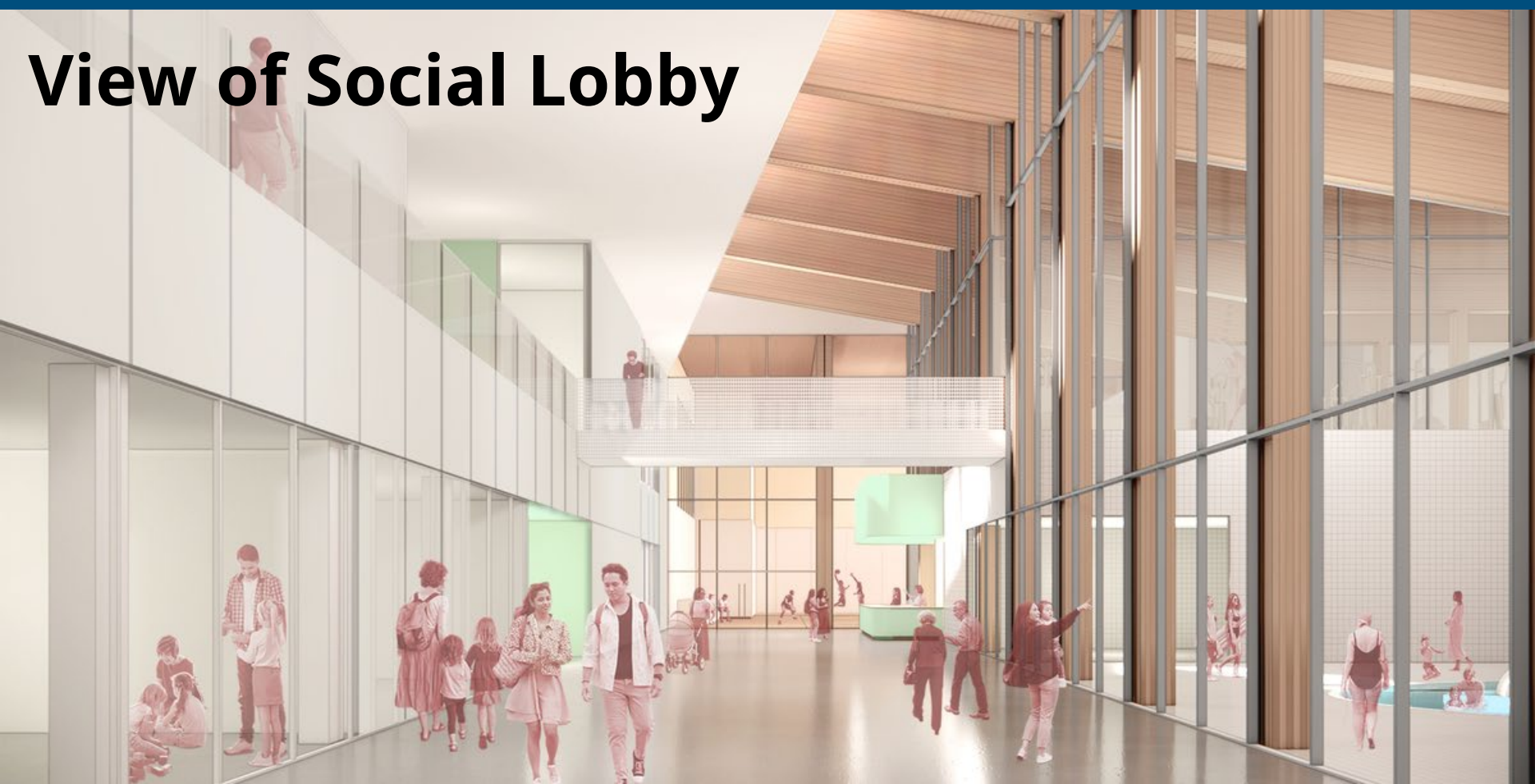
View of the south side of the building from Burke Village Promenade



View of Princeton Avenue street frontage



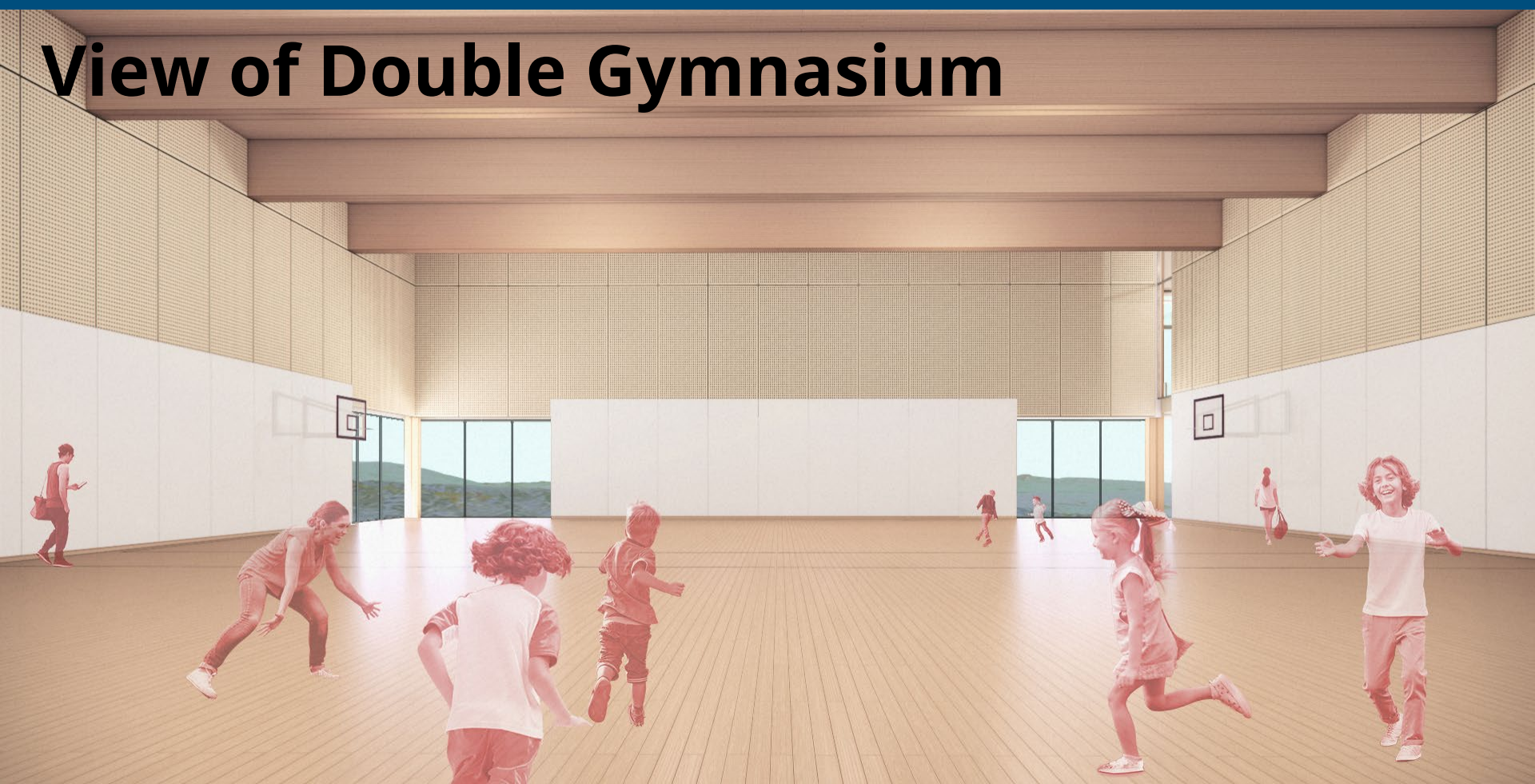
View of Social Lobby



View of Aquatics looking west



View of Double Gymnasium

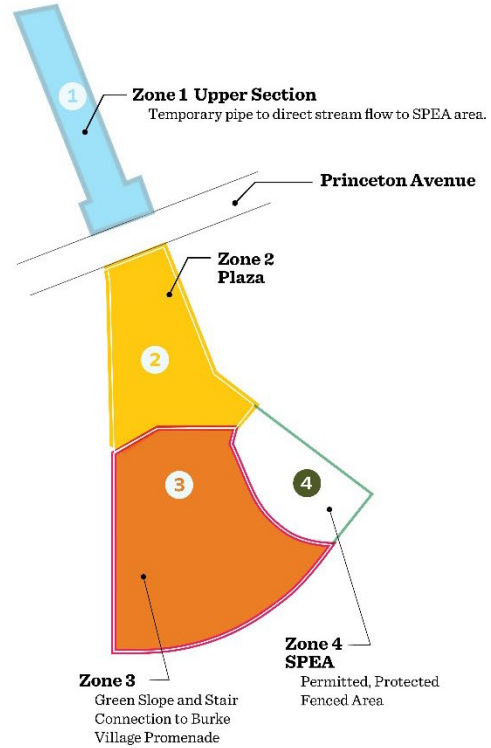


Burke Village Park Schematic Design

Vision Statement

“Burke Village Park is envisioned as a vibrant community heart, seamlessly integrated with the Community Centre.

BVP ZONE MAP OVERALL



View of Plaza



Birdseye View



KEY PLAN



Sustainability and Environment

Sustainability and Environment Highlights

The Burke Mountain Community Centre and Burke Village Park designs reflect the City's commitment to sustainability and climate action, and are being developed to meet the high standards of Zero Carbon Building Standard.



Energy



Carbon



Impact & Innovation

- **Greenhouse Gas Emissions**
- **Energy Efficiency**
- **Climate Resilient Design**
- **Transportation**
- **Biodiversity and Ecological Function**

Next Steps

Project Phase	Description	Timeline
Detailed Design	Technical refinement and coordination	Late 2025
Construction Documents and Permitting	Final design documentation, permit applications, and tender preparation	Late 2025 – Early 2026
Early Site Works	Site clearing, erosion and sediment control, utility preparation	Early 2026
Full Construction	Facility and park construction	2026-Mid 2029
Commissioning and Opening	Staff onboarding, equipment installation, grand opening	Late 2029

Thank you, Questions?

2025 Environmental Volunteer Celebration Debrief

Sustainability and
Environmental Advisory
Committee



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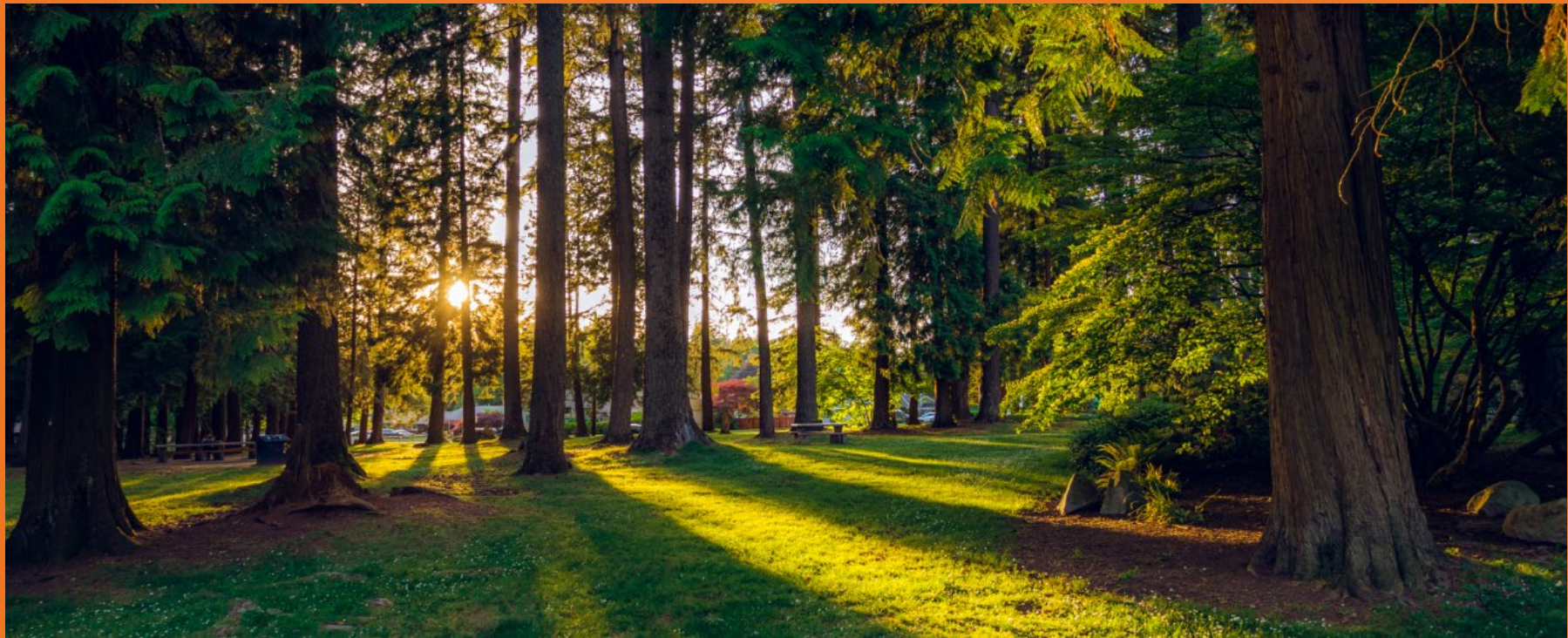


Environmental Achievement Awards and Volunteer Celebration since 2004

To recognize and celebrate the contribution made by community environmental volunteers and stewards



We appreciate you SEAC!



Blue Mountain Park



Music, Lunch, and Activities



Giveaways



Volunteer Showcase



Thank you!



Urban Wildlife Program Update

Sustainability and Environmental Advisory Committee
September 16, 2025

Urban Wildlife Program Goals

Minimize Attractants

- Waste – neighbourhoods, parks, commercial/institutional
- Other – fruit, compost, bird feeders, etc.

Mitigate Public Safety Concerns

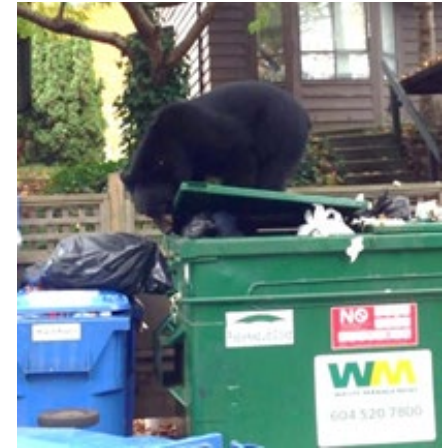
- Human wildlife conflict
- Vectors (e.g. rats, mice, mosquitos)

Reduce Risk to Wildlife

- Education and outreach to promote coexistence
- Work collaboratively with partners

Shift Behaviours

- Attractant management – secure waste, control odours, morning only cart set-out
- Waste separation – use the garbage, green and recycling carts properly
- Waste reduction – minimize the amount of waste being generated



Bylaws for Attractant Management

Solid Waste Management Bylaw

- Cart set-out the night before collection (\$500 fine)
- Waste sorted improperly (\$150 fine)

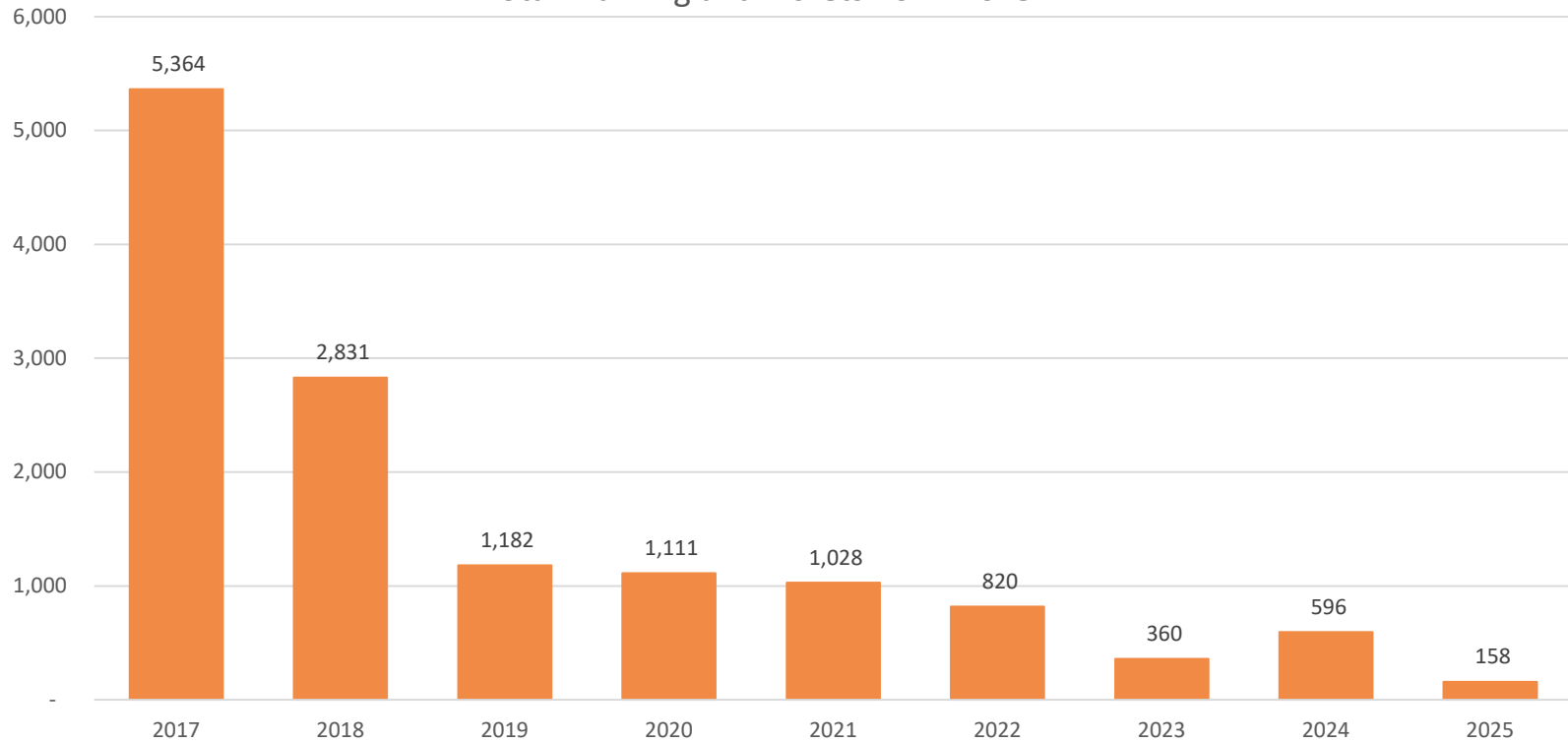
Wildlife & Vector Control Bylaw

- Attractants accessible to wildlife/feed wildlife (\$500 fine)
- Conditions on property are attracting vectors (\$150 fine)



Urban Wildlife Enforcement

Total Warning and Tickets 2017-2025



Public Education & Outreach Material

- Presentations
- Events
- Door-to-Door
- Mail Outs
- Website
- Physical Media
- Social Media
- Videos
- Collection Calendar
- Utility Tax Insert
- Rec Program Guide
- Recollect App
- Bear/Wildlife 101
- City Hall Display



2025 Urban Wildlife Program Summary

- Urban Wildlife Presentation for Elementary Schools
- Presentation for Language Instruction for Newcomers to Canada (LINC)
- Participated in the North East Sector Bear Working Group
- Coyote Awareness and Education in partnership with City of Port Moody and Stanley Park Ecology Society



Bear Smart Video Series



Urban Wildlife - Other



Urban Wildlife - Other



2025/2026 Program Priorities

- Continue expanding education programs and outreach
- Water wise/Urban Wildlife Gardening Workshop
- Wildlife friendly stream crossings

City of Coquitlam | Engineering and Public Works

Bear Smart Landscaping



Recommendations?

