

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

DATE: Tuesday, June 25, 2024

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, April 23, 2024

Recommendation:

That the Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, April 23, 2024 be approved.

NEW BUSINESS

2. Environmental Achievement Awards 2024 (Introductory Comments by the Solid Waste Programs Specialist)

7:05 – 7:15 p.m. (10 minutes)

3. Environmental Education in Schools Program (Presentation by the Solid Waste Programs Specialist)

7:15 – 7:45 p.m. (30 minutes)

4. Environmental Bylaw Updates: Stream & Drainage System Protection Bylaw (Presentation by the Environmental Education and Enforcement Manager)

7:45– 8:00 p.m. (15 minutes)

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

8:00 – 8:30 p.m. (30 minutes)

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, September 24, 2024

ADJOURNMENT

SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE
Tuesday, April 23, 2024

A Regular Meeting of the Sustainability and Environmental Advisory Committee convened on Tuesday, April 23, 2024 at 7:01 p.m. in the Council Committee Room, 3000 Guildford Way, Coquitlam, BC, with the following persons present:

COMMITTEE MEMBERS: Councillor Robert Mazzarolo, Chair
Councillor Brent Asmundson, Vice Chair
Mark Ashton, Citizen Representative
Grayson Barke, Citizen Representative
Reza Berry, Citizen Representative
Linton Chokie, Citizen Representative
Silvia Cojocar, Citizen Representative (arrived at 7:04 p.m.)
Mohammad Darabi, Citizen Representative
Edward Lau, Citizen Representative
Bonnie Razzaghi, Citizen Representative

REGRETS: Daryoush Mohammad Hassani, Citizen Representative

STAFF: Caresse Selk, Manager Environment
Angela Jarvis, E-Mobility Manager
Erin Gorby, Urban Forestry and Parks Services Manager
Glen Chua, Transportation Planning Specialist
Payvand Razaghizad, Planner 2
Caley Amundsen, Committee Clerk
Julia Power, Committee Clerk

CALL TO ORDER

ADOPTION OF MINUTES

- 1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, February 27, 2024**

The Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, February 27, 2024 were approved.

NEW BUSINESS

2. Urban Forest Management Plan

The Urban Forestry and Parks Services Manager provided a presentation entitled “Urban Forestry Management Strategy” that covered the following topics:

- The Urban Forest Management Strategy (hereon “the Strategy”) including, background, key definitions, , timeline, , canopy cover percentages and initial analysis of other data including land surface temperatures, demographics and land ownership.
- The presentation also included commentary regarding challenges that the urban forest is experiencing, including climate change, densification and land use

Silvia Cojocararu arrived to the meeting at this time — 7:04 p.m.

Discussion ensued relative to the following:

- Concerns related to continued maintenance of trees, size of trees and potential dangers
- The desire for roof gardens as a creative way to integrate trees into the urban containment boundary
- Desires including, planting more trees to expand canopy coverage, increasing the quantity of smaller trees, implementing street tree projects, collaborating with School District 43 (SD43) to plant trees on its land, and devising a tree planting projection for the City
- The implication of new Provincial housing legislation, Bills 44, 46 and 47 on the availability of open space for growing the urban forest

3. E-Mobility Strategy

The E-Mobility Manager provided a presentation entitled “E-Mobility Strategy Update” that covered the following topics:

- Overview of the E-Mobility Strategy (hereon “the Strategy”) including, existing federal, provincial and municipal policies, key definitions, timeline, establishing cost estimates, Strategy objectives and targets for e-mobility growth
- Overview of key findings from the public engagement phase including, desire for more charging stations across the City, electric vehicle owners reporting lower operational costs and less maintenance on their vehicles, and challenges encountered by renters lacking control over the installation of electric vehicle chargers
- Analysis of benefits and challenges of electric vehicle and micro-mobility transportation options

Discussion ensued relative to the following:

- Desires including collaborating with nearby retailers to offer cargo solutions for bicycles and scooters and plans for hydrogen-powered vehicles
- Concerns including, the dangers and costs associated with chargers and electric vehicles in stratas
- Understanding the policies governing the installation of charging stations in new developments, including the necessary charger level required

4. Active Transportation Projects

The Planner 2 and Transportation Planning Specialist provided a presentation entitled “Active Transportation Improvement Projects” that covered the following topics:

- An overview of the ongoing efforts to support people walking and using micro-mobility with aim to work towards the Strategic Transportation Plan’s 2050 sustainable mode share objectives.
- An overview of the public engagement feedback received as part of the update to the Strategic Transportation Plan. This included the public’s concern and barriers related to cycling and walking, such as road safety and the absence of protected bicycle lanes or crossings, and the strong desire for protected infrastructure that separates people from vehicles.
- An overview of the different walking and micro-mobility facilities to support people of all ages and abilities, as well as an overview of the objectives and timelines of several active transportation improvement projects planned in Southwest Coquitlam (Nelson Street, Smith Avenue and Regan Avenue, King Albert Avenue, Thermal Drive) and City Centre (Guilford Way).
- A list of project webpages to stay informed on public engagement opportunities and the status of the projects.

Discussion ensued relative to the following:

- Desires to know of similar projects in comparable high-demand areas
- Desires including, consistency in active transportation options citywide, active transportation infrastructure to connect North and South Coquitlam to City Centre
- Desires for data collection as it relates to understanding the usage of existing micro-mobility routes and prioritizing routes for active transportation improvements
- Concerns related to the inherent topography of the Coquitlam and its impact on supporting of active transportation usage, and extending connectivity beyond jurisdictional limits

5. Climate Action Plan

The Manager of Environment provided a presentation entitled “Climate Action Plan: Phase 3 Update and Engagement Highlights” that covered the following topics:

- Overview of the Climate Action Plan (CAP) including, vision, timeline, objectives, and targets, as well as acknowledging challenges and incorporating feedback from public engagement sessions, alignment with provincial and federal emission reduction goals, and next steps in consulting with kwikwəłəm First Nation

Discussion ensued relative to the following:

- The desire for advocacy to the province for responsible consumption policies, local food waste initiatives for businesses and education regarding responsible consumption
- Potential establishment of a sub-committee to research the adoption of the BC Zero Carbon Step Code by the City

6. Environmental Achievement Awards Selection Update

The Manager, Environment provided a presentation entitled “Environmental Achievement Awards 2024” that covered the following topics:

- An Overview of the 2024 Environmental Achievement Awards including, the nominations, the winners and a special thank you to the sub-committee for their efforts

Discussion ensued relative to the desire for an additional youth award

7. Committee Members’ Roundtable / Emerging Issues

The Chair invited Committee members to share information and emerging issues from their communities.

The following information was shared:

- “The Life-Sized City” podcast by British Columbia’s Knowledge Network focuses on grassroots social and environmental work in various cities around the world.
- Details regarding the process for establishing a sub-committee.

OTHER BUSINESS

NEXT MEETING DATE – Tuesday, June 25, 2024

ADJOURNMENT

The meeting adjourned at 9:05 p.m.

MINUTES CERTIFIED CORRECT:

Robert Mazzarolo, Chair

Julia Power, Committee Clerk



Environmental Achievement Awards



Coquitlam

Environmental Achievement Awards

Location:

- Blue Mountain Park

Date:

- Saturday, June 1st

Award Ceremony Details:

- 22 Nominees
- 9 winners in 7 categories



Coquitlam

Environmental Achievement Awards



Environmental Achievement Awards Ceremony



Recognition for Winners and Nominees

- Celebration Event
- Gift Cards and Gifts
- Display Board

Thank you to the SEAC Subcommittee

- Adjudication
- Event Planning
- Attending the event

2024 Environmental Achievement Awards

Feedback?

2025 is an Environmental Volunteer Celebration Year (no awards)


coquitlam.ca

Coquitlam



Environmental Education in Coquitlam Schools

Background:

How education is delivered:

- Contracted
- Staff Delivered

Content of programming:

- Urban Wildlife
- Solid Waste and Recycling
- Water Conservation
- Energy and Sustainability



Environmental Education in Schools

Background continued:

City Delivered School Programs

- Waste Reduction
- Urban Wildlife

Contracted School Programs

- Dream Riders assembly theatre shows



Environmental Education in Schools

Moving Forward:

City Delivered School Programs:

- Urban wildlife
- Review of other programs

Contracted School Programs

- Dream Riders (now unavailable)
- Green Bricks
 - Waste Reduction
 - Sustainability and Energy
 - Water Conservation and stream protection



Questions/ Feedback?

Does this advisory committee have any feedback or recommendations on school based environmental education in Coquitlam ?

City of Coquitlam
Engineering and Public Works

Stream and Drainage System Protection Bylaw Amendment


coquitlam.ca/

Coquitlam



Real-Time Monitoring (RTM) at Construction Sites

- Monitors treatment system
 - pH
 - Turbidity
 - Flow rates
- Automatic valve operation
 - Recirculation or discharge
- Dashboard and mobile app
 - Real-time data
 - Automatic alerts



Coquitlam

1

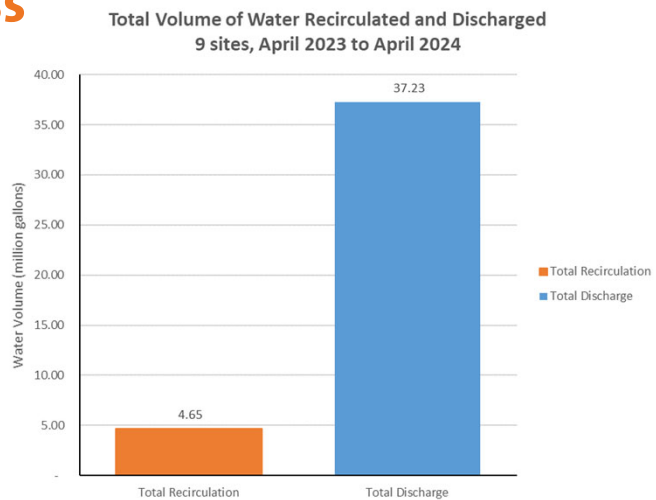
Real-Time Monitoring: Implementation

- New Bylaw requirement
 - January 1, 2023
- Large developments in Stoney Creek
- 11 sites
- Prequalified RTM Service Providers



Real-Time Monitoring: Demonstrated Success

- Environmental impact mitigation
 - 4.7 million gallons
 - 2,300 events
- Supports spill investigation



Approved Bylaw Changes: RTM Program Expansion

Amendments:

- RTM required citywide
- Prequalified RTM service provider
- Independent RTM services



Approved Bylaw Changes: Contingency Planning for Intense Storms



- More frequent, higher intensity rainfall
- Large volume runoff + recirculation
- Potential overflow
- Downstream impacts

Amendment:

- Erosion and Sediment Control (ESC) Plans to include contingency plans



Approved Bylaw Changes: Groundwater Management

- Erosion and Sediment Control Plans designed to accommodate rainfall
- Excavations can encounter high groundwater volumes

Amendment:

- Erosion and Sediment Control Plans to describe how groundwater is to be managed

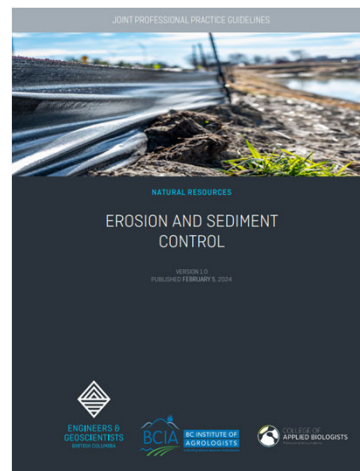


Approved Bylaw Changes: Joint Professional Practice Guidelines

- Standard of practice for Erosion and Sediment Control professionals

Amendment:

- Qualified Professionals required to follow Joint Professional Practice Guidelines





Real Time Water Quality Monitoring

Thank you

[f](#) [t](#) [@](#) [v](#) [i](#) | coquitlam.ca

Coquitlam