

## SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE

DATE: Tuesday, July 25, 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, May 23, 2023**

*Recommendation:*

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

### NEW BUSINESS

- 2. Strategic Transportation Plan & E-Mobility Demonstration (Presentation by Transportation Planning Manager and Transportation Planning Specialist)**  
7:05 – 7:50 p.m. (45 minutes)
- 3. Creek Hazard Assessment (Presentation by Utility Asset Manager)**  
7:50 – 8:10 p.m. (20 minutes)
- 4. Environmental Volunteer Celebration Public Event (Discussion led by Environmental Education & Enforcement Manager)**  
8:10 – 8:25 p.m. (15 minutes)
- 5. 2024 – 2027 Strategic Plan Renewal: Opportunity for Input (Presentation and Engagement Exercise by Director Corporate Planning and Project Manager – Corporate Planning)**  
8:25 – 8:45 p.m. (20 minutes)
- 6. Committee Members' Roundtable / Emerging Issues (Standing Agenda Item)**  
8:45 – 9:00 p.m. (15 minutes)

### OTHER BUSINESS

**NEXT MEETING DATE – Tuesday, September 26, 2023**

### ADJOURNMENT



**SUSTAINABILITY AND ENVIRONMENTAL ADVISORY COMMITTEE**

**Tuesday, May 23, 2023**

A Regular Meeting of the Sustainability and Environmental Advisory Committee convened on Tuesday, May 23, 2023 at 7:03 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  
Grayson Barke, Citizen Representative  
Reza Berry, Citizen Representative  
Linton Chokie, Citizen Representative (arrived at 7:31 p.m.)  
Silvia Cojocar, Citizen Representative  
Mohammad Darabi, Citizen Representative  
Daryoush Mohammad Hassani, Citizen Representative  
Kelly Koome, Citizen Representative  
Edward Lau, Citizen Representative

REGRETS: Mark Ashton, Citizen Representative  
Richard Kenny, Citizen Representative  
Bonnie Razzaghi, Citizen Representative

STAFF: Caresse Selk, Manager Environment  
Jenny Tough, Environmental Education & Enforcement Manager  
Laura Sampliner, Environmental Sustainability Manager  
Pádraig Harrington, Utility Planning Manager  
Caley Amundsen, Committee Clerk

**CALL TO ORDER**

**ADOPTION OF MINUTES**

**1. Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, March 28, 2023**

The Minutes of the Sustainability and Environmental Advisory Committee Meeting held on Tuesday, March 28, 2023 were approved.

**NEW BUSINESS**

**2. City Creeks Water Quality Monitoring, Development Impacts and City Projects**

The Utility Planning Manager provided the Committee with an on-screen presentation entitled “Monitoring Results and Impacts of Development – Creek Water Quality” that covered the following topics:

- Provincial and municipal legislation concerning creek and watershed management
- Community involvement in Coquitlam creek and watershed management
- City departments responsible for creek and watershed management
- Metro Vancouver's Liquid Waste Management Plan (LWMP) and its primary components
- Creek and watershed management challenges in urban environments
- The impact of climate change on creek and watershed management modelling data
- Details of Coquitlam's LWMP baseline and the Monitoring and Adaptive Management Framework (MAMF) Program
- Water quality results for North Coquitlam, South Coquitlam and the Coquitlam River
- The City's spill reporting, tracking and response systems and Bylaw Officers' role in reporting spills
- Measured factors included in real-time watershed monitoring
- Real-time monitoring at higher risk sites such as construction sites
- Details of the City's In-Stream Works Program
- Key design criteria for developments and drainage systems
- Key infrastructure and system enhancements including diversion sewers, water quality ponds, boulevard infiltration trenches, rain gardens and oil interceptors/filtration units

Linton Chokie arrived to the meeting at this time (7:31 p.m.).

Discussion ensued relative to the following:

- How often the City's watershed management plans are updated
- Construction dewatering including its use at Coquitlam construction sites and associated challenges
- Regulations around erosion and sedimentation controls for single family homes and larger buildings
- The City's on-site stormflow detention policies for developments in comparison to other municipalities
- Infiltration trenches in boulevards and data on their performance
- The possibility of eventually installing real-time watershed monitoring technology in every Coquitlam creek and river and associated costs
- The rationale for placing real-time monitoring technology at present locations in Coquitlam such as Stoney Creek
- The possibility of acquiring a mobile real-time monitoring unit that can be transferred to other sites
- Continued utilization of consultant staff for real-time monitoring technology and data interpretation
- New requirement for construction projects to have real-time monitoring technology for wastewater runoff and whether this regulation is retroactive
- Road runoff data and possible methods to combat this issue
- Adoption of electric vehicles and their positive impact on road runoff
- The desire to lobby higher levels of government to enact stricter regulations on tire companies to produce cleaner vehicle tires
- The Coquitlam River's recovery as a successful example of community and City efforts to preserve watersheds

### 3. Climate Action Plan – Scope, Process and Timeline

The Manager Environment and the Environmental Sustainability Manager provided the Committee with an on-screen presentation entitled “Climate Action Plan Scope and Process Update” that covered the following topics:

- Climate terminology, mitigation, low carbon resilience and climate adaptation
- Local climate change impacts and examples
- The necessity for Coquitlam to have a climate action plan
- Timeline of Coquitlam’s climate action journey in the last two decades
- BC Climate Action Charter (2007)
- The connection and synergies between existing City environmental plans
- Related City corporate plans and policies such as the Strategic Transportation Plan
- Scope of the City’s Climate Action Plan and its approach, phases, themes and key activities
- Data breakdown of Coquitlam’s greenhouse gas (GHG) emissions by sector and fuel type
- Opportunities for Coquitlam to reduce GHG emissions
- Ongoing engagement with kwikwəłəm First Nation regarding climate policy
- The Committee’s engagement and input opportunities
- Survey data from the Environmental Sustainability Plan consultation phase in 2019

Discussion ensued relative to the following:

- The feasibility of solar energy use within Coquitlam
- Monitoring of clean energy technology developments
- Sustainable transportation options such as car and bike sharing
- The City’s E-mobility Strategy and E-Scooter Pilot Program
- The feasibility of implementing hydrogen fuel cell technology in Coquitlam
- Limited data access for other transportation options, such as SkyTrain, and their electricity consumption
- City bylaws concerning plastic bags and efforts to reduce their use
- Provincial legislation around single-use plastics
- The desire for heat-management solutions such as heat pumps/air conditioning units in older buildings and planting trees in residents’ yards
- The possibility of embarking on extreme heat studies for local parks
- The desire to reduce natural gas use in new buildings
- The BC Energy Step Code and its climate policy regulations for new buildings
- The necessity of a reasoned approach to climate policy targets and implementation timelines
- Appreciation for kwikwəłəm First Nation being included in consultations for the City’s climate plans
- Passive House buildings

### 4. Environmental Volunteer Celebration Public Event

The Environmental Education & Enforcement Manager led a brief discussion that covered the following topics:

- The Environmental Volunteer Celebration alternating each year with the Environmental Achievement Awards
- Both events traditionally being invite-only
- 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 unanimously agreed to delay voting on the motion that would open future Environmental Volunteer Celebrations to the public to a future meeting where all Sub-Committee members are present.

#### 5. **Committee Members' Roundtable / Emerging Issues**

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

The following issues and concerns were shared:

- Concern about rat and mice populations increasing due to ongoing construction projects
- Pest control management on private properties and developments
- Improper storage of garbage and waste as a contributing factor to the increase in mice and rat populations
- Desire to ascertain data on areas where rat and mice populations are increasing

#### **OTHER BUSINESS**

**NEXT MEETING DATE – Tuesday, July 25, 2023**

#### **ADJOURNMENT**

The meeting adjourned at 8:41 p.m.

**MINUTES CERTIFIED CORRECT:**

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Brent Asmundson, Chair

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Caley Amundsen, Committee Clerk