



ENVIRONMENT COMMITTEE M I N U T E S

Wednesday, June 24, 2020, 5:00 p.m.

Council Chamber, City Hall

4949 Canada Way, Burnaby, BC

PRESENT:

Councillor Joe Keithley, Chair
Councillor Colleen Jordan, Vice Chair
Councillor James Wang, Member
Trustee Peter Cech, Burnaby School Board (*participated electronically*)
Ms. Mary Lumby, Resident Representative (*participated electronically*)
Ms. Tara Shushtarian, Resident Representative (*participated electronically*)
Ms. Tessa Vanderkop, Burnaby Board of Trade (*participated electronically*)
Ms. Cynthia Van Ginkel, Resident Representative (*participated electronically*)
Mr. Andrei Zawadzki, Resident Representative

ADVISORY

ORGANIZATIONS:

Mr. Jerry Muir, BC Hydro (*participated electronically*)
Mr. Darin Wong, Fortis BC (*participated electronically*)
Ms. Deborah Harford, Simon Fraser University (*participated electronically*)

STAFF:

Mr. Dipak Dattani, Director Corporate Services
Ms. Simone Rousseau, Manager Environmental Services (*participated electronically*)
Mr. Erik Schmidt, Manager, Solid Waste & Recycling (*participated electronically*)
Ms. Heather Edwards, Manager Parks Planning, Design & Development (*participated electronically*)
Mr. Mark Sloat, Environmental Planner (*participated electronically*)
Ms. Monica Macdonald, Administrative Officer
Ms. Lauren Cichon, Council Support Assistant

1. CALL TO ORDER

The Chair called the Open Committee meeting to order at 5:01 p.m. and conducted the roll call. The following members and staff participated electronically: Trustee Cech, Ms. Lumby, Ms. Shushtarian, Ms. Vanderkop, Ms. Van Ginkel, Ms. Harford, Mr. Muir, Mr. Wong, Ms. Rousseau, Mr. Schmidt, Ms. Edwards, and Mr. Sloat.

For the benefit of those participating electronically, the Chair read out the names of members and staff physically present at the meeting.

The Chair, Councillor Joe Keithley, recognized the ancestral and unceded homelands of the hən̓q̓əmi̓ñəm and Skwxwú7mesh speaking peoples, and extended appreciation for the opportunity to hold a meeting on this shared territory.

The Chair welcomed two new Resident Representatives, Ms. Tara Shushtarian and Ms. Cynthia van Ginkel, to the Committee.

2. MINUTES

2.1 Minutes of the Environment Committee Open meeting held on 2020 January 29

MOVED BY COUNCILLOR JORDAN
SECONDED BY COUNCILLOR WANG

THAT the minutes of the Environment Committee meeting held on 2020 January 29 be now adopted.

CARRIED UNANIMOUSLY

3. PRESENTATIONS

Without objection, the Chair requested that the order of the presentations in the agenda be changed to hear item 3.3 first.

3.3 New Burnaby Transportation Plan - Phase 2 (x-ref. Item 4.5)

Ms. Renee De St. Croix, Senior Long Range Planner, provided an overview of Phase 2 of the new Burnaby Transportation Plan.

The speaker advised that the Plan update is being undertaken in three phases, commencing in 2017 July and terminating in 2021 March. Each phase includes research, policy and plan development, public consultation and reporting.

Phase 1 provided direction for the Plan and determined the vision, themes, and goals. Six themes were addressed as the major topic areas: accessible; safe;

healthy; green; prosperous; and connected. Public consultation engaged 2,000 individuals through 17 public events and 14 stakeholder meetings.

The update is currently in Phase 2, which is building proposals for the targets, big moves, policies, and networks to be used as the basis for the Phase 2 Public Consultation Program. The proposed targets (i.e. vision zero, mode shift, and zero emissions) enable the City to measure and monitor its progress. Key actions comprise the proposed big moves, creating change and assisting with achieving the targets. Each major transportation topic area will include a big move. Thirty-six policies are proposed to provide direction in conjunction with the major transportation topic areas (i.e. land use, public realm, and transportation; walking and accessibility; cycling; public transit; goods and services movement; and driving).

Staff stated that Phase 3 will be undertaken from 2020 November to 2021 March to confirm a draft Plan, which will include actions for the 36 policies and an Implementation Strategy.

In conclusion, Ms. De St. Croix advised that public consultation for Phase 2 will begin in 2020 July and conclude 2020 fall, and will be followed with a Public Consultation Summary Report to Council.

The normal order of the agenda resumed.

3.1 Climate Emergency: Burnaby's Climate Action Framework (x-ref. Item 5.1)

Mr. Dipak Dattani, Director Corporate Services and **Ms. Ellen Pond**, Director C2MP, provided an overview of Burnaby's Climate Action Framework. The Framework outlines 'Big Moves' and 'Quick Starts' to ensure that climate action continues to progress within the City across all sectors, at a pace commensurate with the City's updated community carbon pollution reduction targets.

Mr. Dattani advised that in 2019 September Council adopted a resolution declaring a Climate Emergency, which set new carbon reduction targets for the City. The targets included: 45% reduction by 2030; 75% by 2040 and carbon neutral by 2050. Further, Council committed to bring forward a Community Climate Action Framework, and accelerated climate action, like the public Electric Vehicle charging pilot project.

Ms. Pond advised that the Framework builds on the City's Environmental Sustainability Strategy and Community Energy and Emissions Plan. It takes a holistic approach and focuses on goals of capacity and resilience, and emissions reduction; and includes seven 'Big Moves'. The following summarizes the goals (in bold) and 'Big Moves':

Capacity and Resilience

1. Climate Leadership
2. Resilient Neighbourhoods
3. Healthy Ecosystems

Transportation

4. Accelerated Mode Shift
5. Zero-Emission Vehicles

Buildings

6. Zero-Emission Buildings – New Zero New
7. Zero-Emission Buildings – Retrofits

Further, each 'Big Move' has three to four associated 'Quick Start' actions, which are detailed in the report.

In conclusion, Mr. Dattani advised that success requires sustained resourcing for climate action; strong climate commitments, action and resourcing from senior governments; and support from businesses and residents in the community.

Arising from discussion, the Committee introduced the following motion:

MOVED BY MS. LUMBY

SECONDED BY MS. VAN GINKEL

THAT item 5.1 Reports be brought forward for consideration at this time.

CARRIED UNANIMOUSLY

5.1 Report from the Director Corporate Services and the Director Planning and Building - Re: Climate Action Framework

The Director Corporate Services and the Director Planning and Building submitted a report seeking authorization for a Climate Action Framework which outlines 'Big Moves and Quick Starts' to ensure that climate action continues to progress within the City.

The Director Corporate Services and the Director Planning and Building recommended:

1. THAT the Committee recommend to Council to:
 - a) approve the Climate Action Framework, as outlined in Section 5 of this report;
 - b) direct staff to bring forward a separate report on a City Energy Strategy showing corporate leadership in reducing carbon emissions and energy use; and,

- c) direct staff to publicly report annually on the Climate Action Framework's progress and the City's Corporate Energy Strategy implementation.

MOVED BY MS. SHUSHTARIAN

SECONDED BY MR. ZAWADZKI

THAT the recommendation of the Director Corporate Services and the Director Planning and Building be adopted.

CARRIED UNANIMOUSLY

The normal order of the agenda resumed.

3.2 City Energy Strategy (x-ref. Item 5.2)

Mr. Dipak Dattani, Director Corporate Services, provided an overview of the City's Energy Strategy.

Mr. Dattani advised that the City Energy Strategy sets a carbon neutral target of 2040, which is ten years ahead of the community target. Developed by a cross-developmental staff team, the Strategy provides a framework and outlines four 'Big Moves' with associated areas of action and action phasing.

**Councillor Jordan left the meeting at 6:00 p.m. and returned at 6:04 p.m.*

The speaker noted that the total corporate emissions are mainly from Fleet and Facilities natural gas. The data shows that, between 2016 and 2019, fleet emissions have remained constant, heavy-duty vehicles are the largest contributor, and facility emissions are in decline. To be carbon neutral by 2040, the energy transition will rely heavily on grid electricity, with some diesel and natural gas renewables.

In conclusion, Mr. Dattani advised that the City Energy Strategy aligns with the (Community) Climate Action Framework and uses four of the seven community 'Big Moves', including: Climate Leadership, Zero Emission Vehicles (Green Fleet and Equipment), Zero Emission Buildings - Net Zero New, and Zero Emission Buildings - Retrofits.

The Committee inquired regarding any City Energy Strategy pit falls or hurdles.

Mr. Dattani advised that there are two main challenges: 1) retrofitting existing buildings to zero emissions; and 2) leading staff to a new way of doing business as the City shifts from a decentralized to a centralized model.

Arising from discussion, the Committee introduced the following motion:

MOVED BY MS. VANDERKOP
SECONDED BY TRUSTEE CECH

THAT item 5.2 Reports be brought forward for consideration at this time.

CARRIED UNANIMOUSLY

5.2 Report from the Director Corporate Services - Re: City Energy Strategy

The Director Corporate Services submitted a report seeking authorization for the City's Energy Strategy.

The Director Corporate Services recommended:

1. THAT the Committee recommend Council to approve the City Energy Strategy, as outlined in Section 4 of this report.

MOVED BY COUNCILLOR JORDAN
SECONDED BY COUNCILLOR WANG

THAT the recommendation of the Director Corporate Services be adopted.

CARRIED UNANIMOUSLY

The normal order of the agenda resumed.

4. CORRESPONDENCE

4.1 Correspondence from Environment and Climate Change Canada - Re: Consultation on Amending Schedule 1 of the Species at Risk Act

Correspondence was received from Environment and Climate Change Canada advising on a proposal to amend Schedule 1 of the *Species at Risk Act* for 17 terrestrial species, and inviting public comment on the proposal by 2020 May 07 for species under a normal consultation process and by 2020 October 07 for species following an extended consultation process.

Staff advised that only one of the species included on this list is found in the Lower Mainland, and it is being reviewed for possible comment.

4.2 Correspondence from Metro Vancouver - Re: Invasive Species Education and Outreach Materials

Correspondence was received from Metro Vancouver providing a copy of the above noted report adopted at the Metro Vancouver Regional District meeting held on 2020 February 28. The report provides information on two new outreach

products, an online course and a public brochure, to raise awareness about invasive species of concern across the region.

Staff provided an overview of the work they do with invasive species, including: facilitating a public workshop each spring; participating on the Invasive Species Council of BC; and working with many organizations on removal, which includes hands-on public education.

The Committee expressed concern regarding the cost and difficulty of removing knotweed, and appealed to the public to report any sightings of the weed.

Staff advised that knotweed is a very aggressive plant, all park spaces have been inventoried, and a treatment plan and schedule for removal is in place. Further, Parks staff (grass-cutters) undergo extensive training on plant handling, as well as staff are very engaged with the public. The public are asked to call the City to report knotweed.

4.3 Correspondence from Earth Day Canada - Re: Participation in Earth Day Canada 2020 Campaign

Correspondence was received from Earth Day Canada providing information on the Earth Day Canada 2020 Campaign, and seeking support for a partnership with the City in this year's event to be held 2020 April 22.

4.4 Memorandum from the Director Planning and Building - Re: 2020 Environmental Awards Program Status Update

A memorandum was received from the Director Planning and Building providing information on the status of the 2020 Environmental Awards Program.

Staff advised that as a result of the COVID-19 pandemic, the normal nomination review and award process was put on hold. Staff is proposing to review the nominations and prepare a report to Council for the closed agenda on 2020 September 14 recommending recipients; and, upon Council approval, submit a report for the Open Council meeting on 2020 September 28 for public announcement of the awards.

4.5 Memorandum from the Administrative Officer - Re: New Burnaby Transportation Plan - Phase 2

A memorandum was received from the Administrative Officer advising that Council, at the Open Council meeting held on 2020 February 10, adopted the above noted report endorsing the public consultation proposals and authorizing staff to initiate a process for Phase 2 public consultation towards the development of a new Burnaby Transportation Plan.

4.6 Memorandum from the Administrative Officer - Re: Employee Transit Incentive Program

A memorandum was received from the Administrative Officer advising that Council, at the Open Council meeting held on 2020 February 24, adopted the above noted report proposing revisions to the Employee Transit Incentive Program.

4.7 Memorandum from the Deputy City Clerk - Re: 2019 Climate Action Revenue Incentive Program Report

A memorandum was received from the Deputy City Clerk advising that Council, at the Open Council meeting held on 2020 May 11, adopted the above noted report providing information of the climate actions and corporate emissions reported in the 2019 Climate Action Revenue Incentive Program (CARIP) Report, and fulfilling the annual CARIP grant requirement to report publicly.

Staff advised that the City receives approximately \$350,000 each year through the Program which is put into the Climate Action Reserve fund.

4.8 Memorandum from the Deputy City Clerk - Re: 2019 Annual Solid Waste And Recycling Report - Highlights And Looking Ahead

A memorandum was received from the Administrative Officer advising that Council, at the Open Council meeting held on 2020 June 01, adopted the above noted report presenting the 2019 annual report on the City's Integrated Solid Waste and Recycling Program.

Staff advised that the Solid Waste and Recycling 2019 Annual Report is available on the City website.

4.9 Memorandum from the Deputy City Clerk - Re: Annual Drinking Water Quality Monitoring Report (2019)

A memorandum was received from the Deputy City Clerk advising that Council, at the Open Council meeting held on 2020 June 08, adopted the above noted report presenting the City's Annual Drinking Water Quality Monitoring Report for 2019.

Staff advised that the Annual Drinking Water Quality Monitoring Report for 2019 will be posted on the City website, and available at Burnaby Public Libraries.

5. **REPORTS**

5.1 **Report from the Director Corporate Services and the Director Planning and Building - Re: Climate Action Framework**

This item was dealt with earlier in the agenda.

5.2 **Report from the Director Corporate Services - Re: City Energy Strategy**

This item was dealt with earlier in the agenda.

6. **NEW BUSINESS**

There was no new business brought before the Committee at this time.

7. **INQUIRIES**

There were no inquiries brought before the Committee at this time.

8. **ADJOURNMENT**

Without objection, the Environment Committee Open meeting adjourned at 6:54 p.m.


CHAIR


ADMINISTRATIVE OFFICER