

# *Environmental Sustainability Advisory Committee - Minutes*

**Present:**

Councillor Starchuk, Chair  
D. Skaey, Vice-Chair  
B. Lishanko  
J. Zelazny  
L. Bykowski  
M. Sharma  
N. Hogan  
S. Mossop  
S. VanKeulen

**Regrets:**

A. Grewal  
S. Sabharwal

**Staff Present:**

C. Baron, Drainage Manager, Engineering  
M. Osler, Senior Project Engineer, Engineering  
N. Aven, Parks Manager, Parks, Recreation & Culture  
S. Godwin, Environment Manager, Engineering  
C. Eagles, Legislative Services

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**A. ELECTIONS AND APPOINTMENTS**

Councillor Starchuk was appointed Chair of the Environmental Sustainability Advisory Committee by Mayor and Council on December 15, 2014.

It is in order for the Committee to elect a Vice-Chair for the 2018 calendar year.

It was

Moved by J. Zelazny  
Seconded by S. VanKeulen  
That the Environmental Sustainability

Advisory Committee (ESAC) appoint D. Skaey as the Vice-Chair for the 2018 calendar year.

Carried

It was

Moved by J. Zelazny  
Seconded by S. VanKeulen  
That in the absence of the Chair, the 2018

adopted ESAC schedule of meeting dates will be upheld with the newly elected Vice-Chair leading the meeting.

Carried

**B. ADOPTION OF MINUTES**

1. The committee is requested to pass a motion adopting the minutes of December 6, 2017.

It was

Moved by S. Mossop  
Seconded by L. Bykowski  
That the minutes of the Environmental

Sustainability Advisory Committee meeting held December 6, 2017 be adopted as presented.

Carried

**C. DELEGATIONS**

**D. STAFF PRESENTATIONS**

- 1. Surrey Coastal Flood Adaptation Strategy**  
Matt Osler, Senior Project Engineer, Engineering  
File: 5225-01

Staff provided a power-point presentation on the Surrey Coastal Flood Adaptation Strategy (CFAS). Mayor and Council adopted recommendations to develop a Coastal Strategy on February 22, 2016. Staff highlighted the following information:

- The Province is advising municipalities to plan for 1 metre of sea level rise over the next 80 years. Staff noted the cost to update the current coastal flood infrastructure for seismic standards is close to \$10 million; the Coastal Floodplain accounts for approximately 20% of Surrey's land. Staff noted existing flood control measures will not be sustainable in the future and provided a short video describing the shortlisted coastal flood management options for each study area.
- Shortlisted options for Mud Bay: Current Conventions, Mud Bay Barrier, Highway 99 Realignment and Managed Retreat
- Shortlisted options for Crescent Beach: Mud Bay Barrier, Barrier Island, Expanded Edge and Managed Retreat.
- Shortlisted options for Semiahmoo Bay: Road and Land Raising and Expanded Edge
- Public engagement events included community meetings at Crescent Beach, three focus groups, seven technical workshops, meetings with Semiahmoo First Nation, options assessment workshops, and a Phase 1 open house on April 26, 2017. Environmental priorities arising from the public engagement included infrastructure flooding, ecological and habitat impacts, agriculture impacts, water quality, and home damage and loss of property value.

In response to questions from the Committee, staff clarified that the railway in South Surrey acts as a dyke for Mud Bay and Semiahmoo Bay and that it can adapt and be raised in-between trains as sea levels rise.

The video and more information on the Surrey Coastal Flood Adaptation Strategy can be found at [www.surrey.ca/coastal](http://www.surrey.ca/coastal).

**E. NEW BUSINESS****1. Sequoia Tree West of City Hall**

Staff discussed that an Arborist study was commissioned on the Sequoia Tree (a California Redwood) located West of City Hall. The Arborist investigation noted that the outer shell of the tree has some shell thickness; but the centre has rotted and is hollow. Trees do not heal themselves; rather, they contain the rot and put on reaction wood which is why the tree appears so large at its base. Sonic tomography and a specialized drill was used in connection with the tree examination. Further investigation concluded that if the tree has no target, if it were to fall, then it is not determined a hazard. The tree will be reassessed upon future development.

**2. Surrey Biofuel Facility (Waste to Energy Plant): Commissioning and Opening Ceremony**

Staff noted that there were some deficiencies that required attention by Orgaworld. Orgaworld conducted the repairs in 2017 and they met City requirements.

The Opening Ceremony for the Surrey Biofuel Facility is scheduled for March 9, 2018.

**F. ITEMS REFERRED BY COUNCIL****G. CORRESPONDENCE****H. INFORMATION ITEMS****1. Select Committee Terms of Reference Revisions**

Adopted by Council: December 18, 2017

File: 0540-01

**2. Agricultural Food Security Advisory Committee (AFSAC) Update**

S. VanKeulen noted that an application came to AFSAC detailing a proposed irrigation district that would supply water to 150 acres. AFSAC did not make a motion to either support or not support the application. The subject application detailed no maintenance costs and proposed introducing two different ecosystems.

**3. Metro Vancouver Chair Update**

Styrofoam banned from garbage starting in July

File: 5225-01

Metro Vancouver will start levying a surcharge against customers who dump expanded polystyrene packaging, commonly known as Styrofoam, at regional disposal facilities, effective July 1, 2018.

The Committee expressed concerns on where to provide the Styrofoam for waste disposal if it will be banned in a few months. The Committee was displeased that there is no educational component to the correspondence by Metro Vancouver and that no public consultation or solutions are in place of removing the material. Members noted that manufactured biodegradable pellets could be used in place of Styrofoam. The Committee accessed Metro Vancouver website and noted there were no resources listed for Surrey to dispose Styrofoam.

## I. OTHER BUSINESS

### 1. 51<sup>st</sup> Annual Science Fair at Surrey Central Mall

The 51<sup>st</sup> Annual Science Fair takes place on March 1. Students will present environmental displays and two of them will receive a tour of City Hall and present their displays at the March 28, 2018 ESAC meeting.

### 2. Party for the Planet: Saturday, April 14, 2018 at 10:00 am to 6:00 pm

This free event is BC's largest Earth Day Celebration will feature Canadian singer-songwriter and five-time JUNO award winner Sam Roberts.

## J. NEXT MEETING

The next meeting of the Environmental Sustainability Advisory Committee will be held on March 28, 2018 at 6:00 p.m. in 2E Community Room B.

## K. ADJOURNMENT

It was  
Advisory Committee meeting do now adjourn.

Moved by S. VanKeulen  
Seconded by S. Mossop  
That the Environmental Sustainability  
Carried

The Environmental Sustainability Advisory Committee adjourned at 7:22 p.m.

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Jane Sullivan, City Clerk

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Councillor Starchuk, Chair