



City of Port Moody

Report/Recommendation to Council

Date: November 15, 2021
Submitted by: Environmental Protection Committee
Subject: 2021 Annual Report – Environmental Protection Committee

Purpose

To provide a report on the activities of the 2021 Environmental Protection Committee.

Recommended Resolution(s)

THAT the report dated November 15, 2021 from the Environmental Protection Committee regarding 2021 Annual Report – Environmental Protection Committee be received for information;

AND THAT the 2022 Environmental Protection Committee be asked to review this report and bring forward its annual Work Plan in spring 2022.

Committee Mandate

The mandate of the Environmental Protection Committee is to provide Council with advice and recommendations on the following:

- existing or proposed bylaws and policies related to the protection and enhancement of the environment;
- environmental requirements for new development or re-development within the City as referred by Council and opportunities for environmental protection and enhancement with respect to public and private operational practices within the City;
- opportunities for environmental protection and enhancement with respect to public and private operational practices within the City; and
- any other matters referred to the Committee by Council.

Meetings and Attendance

The Environmental Protection Committee met monthly between January and November 2021, except for June 2021, due to a site visit field trip, and August 2021, due to summer break.

Councillor Amy Lubik was appointed as Chair and Councillor Meghan Lahti as Vice-Chair in December 2020. Between January and November 2021, the following members served on the Committee:

- Margaret Birch;
- Kyle Demes;
- Andrew MacLellan (resigned March 2021);
- Javney Mohr;
- Elizabeth Phillips (resigned March 2021);
- Damian Regan;
- Jutta Rickers-Haunerland;
- Connie Smith;
- Koy Tayler;
- Judy Taylor-Atkinson; and
- Jeremy Wong.

Julie Pavey-Tomlinson, Director of Environment and Parks, served as the staff liaison to the Environmental Protection Committee. Jennifer Mills served as Committee Coordinator.

Key Activities and Work Plan

The 2021 Environmental Protection Committee Work Plan was approved by Council on March 23, 2021. The following are the key activities that were undertaken in 2021 by the Environmental Protection Committee (a list of resolutions made in 2021, along with the status of the resolutions, is included in **Attachment 1**):

Invasive Plant Management

The Committee received a presentation about updates to the Invasive Plant Management Program, including information about key action areas for the management of invasive plants on City lands through development activities, education and outreach, community stewardship, and regional coordination.

Lower Mainland Green Teams

The Committee received a delegation from the Lower Mainland Green Team, who provided background on the Green Teams program and metrics from past events in Port Moody and proposed a two-year fee-for-service partnership with the City to establish a minimum of six events per year to support the City's climate action goals.

Balloons and Plastics in Parks and Environmentally Sensitive Areas

The Committee received a presentation from staff on environmental concerns related to balloons and plastic in parks. The Committee formed a working group to research the issue and develop key educational messages on the environmental impacts of balloons in parks.

Environmental Education and Outreach

Staff provided an overview of the City's environmental education and outreach initiatives. Due to COVID-19 restrictions, the City made its environmental education and outreach content available on the City's website and, through a partnership with the Recreation Department, included environmental education in seniors and outdoor summer camps programming.

Climate Resilient Landscaping

The Committee received a presentation from staff on climate resilient landscaping strategies, including information about 2050 Metro Vancouver climate projections, the benefits of planting native species, and landscaping climate change risks. The Committee reviewed and endorsed the draft Project Charter for Climate Resilient Landscaping Strategies.

Update on Rodenticides

Staff provided an overview of environmental issues associated with the use of anticoagulant rodenticides, including information about the draft Rodenticide Use Policy for City-owned property, rodenticide types, rodent activity monitoring, and the transition to more humane rodent traps.

Bear Management Plan

Staff provided an update on wildlife management, including information about the status of the Bear Smart Community Program application. The Committee discussed waste cart replacements due to wildlife damage and the ongoing collaborative efforts with the Tri-Cities Bear Aware Community Group regarding education to reduce human-bear conflicts.

Wildlife Safety – Public Safety

Staff and the Provincial Conservation Officer Service gave a presentation on wildlife in parks, including information about increased cougar sightings, wildlife conflicts with pets, reporting of wildlife sightings, cougar warning signage, and public education efforts.

Marine Mammals in Port Moody Arm and Considerations Related to the Removal of Log Booms

The Committee received a presentation from staff on the Marine Mammal Coexistence Strategy, including information about marine life in Port Moody Arm, marine life conservation efforts, and jurisdictional responsibilities of the federal and provincial governments, the Port of Vancouver, and the City. The Committee brainstormed key issues in the Inlet, enhancement opportunities, key stakeholders, opportunities, objectives, and a vision for the Marine Mammal Coexistence Strategy.

Pollinator Project Update

The Committee received a presentation from staff about the City's Pollinator Project initiative. Committee members discussed opportunities to create co-benefits with other initiatives, such as food security and visually appealing landscapes.

Official Community Plan (OCP) Update

Staff gave a presentation on the OCP Update, including information about the purpose of an OCP, feedback received to-date, OCP chapters that relate to the Committee's mandate, land-use scenarios, and opportunities to participate in the Update. Staff gathered feedback from the Committee regarding land use considerations and priorities for the Moody Centre Station Transit-Oriented Development, Murray Street, the Oceanfront district, and the Seaview neighbourhood.

Green Infrastructure

Staff gave a presentation on Green Infrastructure, including information about existing City green infrastructure projects, the benefits of incorporating green infrastructure in development, green infrastructure challenges and solutions, and case studies. The Committee formed a working group to identify the benefits of green infrastructure projects tailored to Port Moody, and a joint working group was formed with the Climate Action Committee to research policies and programs in Port Moody.

Creek Daylighting (Site Tours)

In lieu of a Committee meeting in June, staff hosted a creek daylighting tour where Committee members visited four watersheds with daylighting project sites (Turner Creek, Suter Brook, Pigeon Creek, and Dallas Creek) and were provided with a history of each site. At the following Environmental Protection Committee meeting, Committee members provided feedback to staff about considerations for future daylighting projects.

2021 Environmental Award

The Committee reviewed the nominations for the 2021 Environmental Award and made an award recommendation to Council in September.

Integrated Stormwater Management Plan (ISMP) North Shore

The Project Engineer provided a presentation on the ISMP for the North Shore, including information about the purpose of ISMPs and the scope and timeline for the two ISMPs underway for the North Shore.

Watershed Monitoring – Monitoring and the Adaptive Management Framework (MAMF) Update

Staff gave a presentation on and reviewed the role of MAMF monitoring for watershed health, including information about non-point source pollution.

Community Wildfire Protection Plan

The Deputy Fire Chief provided an overview of the City's Community Wildlife Protection Plan (CWPP), including information about work completed to-date, funding mechanisms, and next steps to implement recommendations from the Plan.

Sustainability Report Card Update

The Committee received an update from staff on how their previous feedback about the Sustainability Report Card was incorporated into the updated Report Card.

Culverting Policy

Council referred a report on culverting to the Committee for review and comment. The Committee received presentations from the Department of Fisheries and Oceans on the amended *Fisheries Act*, and from the Ministry of Forests, Lands, and Natural Resource Operations on the *Water Sustainability Act*. The presentations included information about activities that require notifications or approvals, such as channelized streams and constructed ditches. Staff also gave a presentation on the City's Culverting Policy, including information about the previous culverting report recommendation from 1997 and other related City policies and plans.

Fraser Basin Council Presentation on Coastal Flooding

The Committee received a presentation from the Fraser Basin Council on the Lower Mainland Flood Management Strategy, including information about regional flood mapping and sea level rise, integrated flood management, and modelling and mapping flood hazards.

Urban Forest Management Strategy Update

The Committee received a presentation from Diamondhead Consulting about the City's Urban Forest Management Strategy, including information about urban forest planning, the benefits of urban forests and trees, and an overview of the scope of and timeline for the development of Port Moody's Urban Forest Management Strategy. Additional consultation with the Environmental Protection Committee will be scheduled for 2022.

Update on Erosion and Sediment Control

The Committee received a presentation from staff on planned updates to the City's erosion and sediment control guidelines and standards, including information about jurisdictional approvals, sediment sampling, disposal of dredged materials, and timelines.

Outstanding Matters

- Tree Bylaw Update: This item was moved to next term as staff have not made sufficient progress on this Bylaw; and
- Green Infrastructure Working Group.

Suggested Focus Areas for Next Year

Subject to Council's direction, the following focus areas should be included in the Committee's Work Plan for 2022:

- continuation of the green infrastructure work;
- update on the Tree Bylaw;
- presentation about Flow Link; and
- bat-friendly certification.

Attachment(s)

1. 2021 Environmental Protection Committee Resolutions.

Report Authors

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Report Approval Details

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| Document Title: | 2021 Annual Report – Environmental Protection Committee.docx |
| Attachments: | - Attachment 1 – 2021 Environmental Protection Committee Resolutions.pdf |
| Final Approval Date: | Dec 23, 2021 |

This report and all of its attachments were approved and signed as outlined below:

Tracey Takahashi, Deputy Corporate Officer - Dec 8, 2021 - 4:22 PM

Dorothy Shermer, Corporate Officer - Dec 8, 2021 - 5:17 PM

Rosemary Lodge, Manager of Communications and Engagement - Dec 9, 2021 - 11:08 AM

Paul Rockwood, General Manager of Finance and Technology - Dec 10, 2021 - 9:34 AM

Tim Savoie, City Manager - Dec 23, 2021 - 7:27 AM