



**THE CORPORATION OF THE DISTRICT OF WEST VANCOUVER  
COASTAL MARINE MANAGEMENT PLAN WORKING GROUP MEETING NOTES  
WEST VANCOUVER MUNICIPAL HALL, MAIN FLOOR CONFERENCE ROOM  
TUESDAY, JUNE 4, 2019**

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Working Group Members: A. Nock, B. McAllister, B. Walker, G. Wharton, L. Williams, M. Naderi

Staff: A. Banks, Senior Manager of Parks; C. Ambor, Parks Stewardship Manager; M. MacKinnon, District Environmental Manager; R. Andrus, Recording Clerk

Absent: A. Allan, L. Gill (intern), Councillor B. Soprovich (Council Liaison)

**1. CALL TO ORDER**

The meeting was called to order at 5:30 pm.

**2. APPROVAL OF AGENDA**

The Coastal Marine Management Plan Working Group (CMMPWG) approved the June 4, 2019 agenda as circulated.

**3. APPROVAL OF MEETING NOTES**

The CMMPWG approved the May 21, 2019 meeting notes as circulated.

**4. SUBGROUP UPDATES**

L. Williams (Chair) indicated there may be some overlap of the duties and responsibilities of subgroups and the roles and responsibilities of each group will need to be refined.

**4.1 – INFRASTRUCTURE SUBGROUP**

B. Walker reported on behalf of the Infrastructure Subgroup. The Infrastructure Subgroup has had two meetings to date. The first meeting was a general discussion on the presentation from R. Fung (Director of Engineering & Transportation).

The group discussed how green shores practices can help mitigate erosion, flood control and sea level rise. The Subgroup felt the District has good storm water management practices in place.

On behalf of the Infrastructure Subgroup, B. Walker met with staff from the District's Engineering department and received drawings and maps of the West Vancouver coastline. B. Walker also received a print from Metro Vancouver (Metro) identifying pumping stations that lead to waste treatment centres. These stations are maintained by Metro.

B. Walker spoke with the City of Nanaimo regarding a pumping station in Qualicum Beach that was successfully moved inland.

The Infrastructure Subgroup is interested in the sediment washed downstream by storm water and whether that sediment can be redirected to existing beaches. The West Vancouver Streamkeeper Society (Streamkeepers) has worked with the District on certain creeks to direct sediment loads onto beaches. The issues of foreshore preservation and erosion mitigation overlap with the Coastal Dynamics Subgroup.

A. Banks (Senior Manager of Parks) advised there are many projects in the Shoreline Protection Plan (SPP), and the CMMPWG could recommend to Council which projects (e.g. sediment diversion) should receive prioritization.

L. Williams (Chair) commented on the current Five Creeks Project regarding the outflow design. L. Williams (Chair) also commented on how the WG could influence decision making at the District regarding the direction of storm water.

B. Walker will speak to R. Fung (Director of Engineering & Transportation) regarding 31st Street, and will ask A. Kwan (Manager of Utilities) to attend an upcoming meeting.

M. MacKinnon (District Environmental Manager) pointed out that the Five Creeks Project is a pipe for the redirection of excess storm water as opposed to a creek, so in most cases would likely not direct much sediment to the beach.

#### **4.2 – PUBLIC / PRIVATE INTERFACE SUBGROUP**

G. Wharton reported on behalf of the Public / Private Interface Subgroup. The subgroup met and discussed public / private obligations related to the foreshore, data, current conflict practices, potential hot spots and interface with marinas, yacht clubs, upstream residents and First Nations. G. Wharton will draft a list of jurisdictional issues for the next meeting. Information that would be helpful to the subgroup are District of West Vancouver (DWV) maps, public / private zones, public beach access points and trail usage data.

A. Banks (Senior Manager of Parks) advised the DWV has 31 access points to the foreshore. The Seawalk has approximately one million visitors per year and Lighthouse Park has approximately 12,000 visitors per week. No data exists for Ambleside Park. The Waterfront Road Inventory document has been provided to the WG.

Discussion ensued regarding property lines and accretions. As sea level rises, private property could decrease. M. MacKinnon (District Environmental Manager) indicated that natural boundaries change over time. Accretion permits are the

responsibility of the Province of British Columbia and not within the scope of the WG.

C. Ambor (Parks Stewardship Manager) gave a short demonstration of WestMap, which is available to the public on westvancouver.ca. WestMap shows District infrastructure including storm, sanitary and water utilities, as well as property lines.

#### **4.3 – COASTAL DYNAMICS SUBGROUP**

The Coastal Dynamics Subgroup met with David Nanson and Murray Manson from Fisheries and Oceans Canada (commonly known as DFO) to discuss coastal dynamics, impacts on species, etc. DFO has the authority to approve projects on the foreshore, as well as the responsibility for monitoring and reporting. This meeting provided valuable information about the approval of Shoreline Preservation Society (SPS) projects conducted in the District. It also was informative in terms of the specific needs for different species inhabiting the District's foreshore.

M. MacKinnon (District Environmental Manager) indicated DFO has contacted the District regarding projects on the foreshore completed under the SPP in order to fulfill the monitoring requirements.

DFO suggested Ramona DeGraaf and Mike Wright Consulting would be good resources for the WG. DFO also made the following suggestions for the District:

- Preserve the natural habitat; encourage habitat that is most desirable.
- Determine sediment loads in streams and retain sediment.
- Re-create a pre-existing foreshore where practical.
- Reefs can make sense, but there must be a good reason for them and be in the right place. An example is wood waste dumped by forestry companies.
- Focus on good projects, rather than having rock available and dumping it. Do not let the material determine the project.

DFO suggested identifying projects for foreshore work that makes the most sense, and then prioritizing the work.

The WG asked if there was a location in the District to store rock from developers. A. Banks (Senior Manager of Parks) is reluctant to store rock for projects that may not proceed.

#### **4.4 – ECOLOGY / HABITAT PRESERVATION SUBGROUP**

B. McAlister reported on behalf of the Ecology / Habitat Preservation Subgroup. The group met and discussed the 2005 SPP report and noted the authors were frustrated earlier reports had not been acted upon. The existing report could be updated to include current projects and current best practices for foreshore areas, e.g., green shores.

The work of the Ecology / Habitat Preservation Subgroup overlaps with the Coastal Dynamics Subgroup. A suggestion was made to merge the two subgroups.

L. Williams will meet with the Community Engagement Committee regarding subgroups and report back to the WG. L. Williams asked each subgroup to develop draft recommendations to the WG for review and discussion.

L. Williams reminded members of the WG to post meeting times and location. If a subgroup requires a location to meet, please inform C. Ambor (Parks Stewardship Manager).

The WG asked which projects identified in the 2005 report have been completed, and whether these projects have been monitored by DFO. M. MacKinnon (District Environmental Manager) will report back to the WG.

## **5. DEBRIEF OF PAST PRESENTATIONS**

The WG discussed recent presentations by SPS, Balanced Environmental, Oceanwise, Streamkeepers and the Howe Sound Group. The WG found these presentations informative and helpful for their work. The WG commended the work done by the SPS, especially the volunteers involved in completing these projects, and felt these projects should have more involvement by the DWV.

## **6. HOUSEKEEPING:**

L. Williams (Chair) advised that Kerr Wood Leidal (KWL) will attend the next meeting scheduled for June 18, 2019. The final meeting before summer will be July 2, 2019, with regular meetings resuming August 27, 2019. L. Williams encouraged all subgroups to use the summer months to do research, identify key points and draft recommendations.

L. Williams advised that the foreshore walk will be either June 22 or July 2, 2019. WG members were asked to hold both dates in calendars. The foreshore walk will begin in the 2800 block of Bellevue Avenue then proceed west. A suggestion was made to also look at McDonald Creek.

## **7. PUBLIC QUESTIONS AND COMMENTS**

There were no questions or comments from the public.

## **8. NEXT MEETING**


The next CMMPWG meeting will be on Tuesday, June 18, 2019 at 5:30 pm.

## **9. ADJOURNMENT**

The Chair adjourned the June 4, 2019, CMMPWG meeting at 7:30 pm.

Certified Correct:

  
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Chair

  
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Recording Clerk