



**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, MAY 21, 2019**

Working Group Members: A. Nock, A. Allan, B. McAllister, B. Walker, G. Wharton, L. Gill (intern), L. Williams, M. Naderi

Council Liaison: Councillor B. Soprovich

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

Guests: R. Richards, B. Allen, R. Allen of the West Vancouver Shoreline Preservation Society

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 approved the May 21, 2019 agenda as circulated.

3. APPROVAL OF MEETING NOTES

There were no meeting notes for approval.

4. PRESENTATION: West Vancouver Shoreline Preservation Society - Natural Coastal Processes: Restoration of Shoreline Ecosystems for Present and Future Generations

Ray Richards provided a presentation to the Working Group. The presentation outlined the background of the West Vancouver Shoreline Preservation Society (WVSPS) and the work undertaken by the Society. The Society was formed in 2005 by a group of West Vancouver citizens following the release of the Ambleside – Dundarave Long Term Shoreline Planning Framework report by the Engineering Advisory Committee in March 2005, and has executed over 30 intertidal and subtidal shoreline restoration projects. Goals include enhancing natural beach

habitats, capturing sediment and reducing erosion / storm impact on the West Vancouver shoreline.

Work undertaken by the WVSPS includes a hydrographic survey, sediment models and other data collection. Mr. Richards explained how this work led to the shoreline protection projects, using collaboration and funding from a variety of sources. Many of the projects involve placing large boulders offshore in order to reduce ocean wave energy, especially during a storm event, thereby reducing beach erosion. Finding materials is a large part of the cost, so when possible the WVSPS has utilized available rocks. Availability of rock unfortunately does not always match timing and approvals. In addition, a study on surf smelt was undertaken with West Vancouver Secondary School students and an eelgrass survey was completed in 2013.

The Working Group asked questions about bathometric data, whether recent technology on artificial reefs had been explored and whether any hydrographic work had been completed since 2006. The Working Group indicated that they would like the WVSPS to attend an additional meeting to discuss what the WVSPS considers next steps for the shoreline.

The Working Group thanked Mr. Richards for the presentation.

5. PRESENTATION: THE WATERFRONT COMMUNITY

Scott Christie of Balanced Environmental Services provided a presentation to the Working Group. He explained that the use of hard seawalls to stop storm waves is unsustainable. The goal is to change the profile of the beach to prevent walls from causing scouring and erosion. Pilot projects have demonstrated that underwater rocks and boulders slow down wave energy. Over time, the beach will ideally grow and flatten, which also increases biodiversity.

Mr. Christie shared a video regarding underwater survey mapping using a 'sled.'

The Working Group asked Mr. Christie if any studies had been done on works completed to date. The Working Group also asked Mr. Christie about approval processes, and Mr. Christie provided an overview of the different levels of approvals.

The Working Group inquired about "green shores." Mr. Christie stated current legislation already produces good building projects; West Vancouver already has some "green shores" in place.

The Working Group asked Mr. Christie what legislation applies to a homeowner wishing to build a "hard shore." In this case, Municipal bylaws (not Federal) would apply.

The Working Group thanked Mr. Christie for his presentation and discussion.

6. HOUSEKEEPING:

Some members of the Coastal Marine Management Plan Working Group are concerned about the guidelines regarding Subgroup Meetings. L. Williams (Chair) will speak to the Community Engagement Committee and report back at the next meeting.

B. Soprovich (Council Liaison) encouraged members of the Working Group to view the living dyke in Boundary Bay. B. Soprovich also encouraged members of the Working Group to review the Green Waterfront Report from West Coast Environmental Law. West Vancouver forms part of the report:
<https://www.wcel.org/sites/default/files/publications/WCEL-SFU-GreenWaterfrontDesign-CharetteReport.pdf>

L. Williams (Chair) indicated the next meeting of the Working Group will focus on catching up, sharing findings and mapping out the next few months. The shoreline boat tour and walkabout will also be discussed.

7. PUBLIC QUESTIONS AND COMMENTS

There were no questions or comments from the public.

8. NEXT MEETING

The next Coastal Marine Management Plan Working Group meeting will be on Tuesday, June 4, 2019 at 5:30 pm.

9. ADJOURNMENT

The Chair adjourned the May 21, 2019, Coastal Marine Management Plan Working Group meeting at 7:45 pm.

Certified Correct:



Chair



Recording Clerk