



# **TATLOW & VOLUNTEER PARKS CREEK DAYLIGHTING** Conceptual Plan

Park Board Committee Meeting  
Monday, March 9, 2020



# Presentation Outline

1. Purpose of Presentation
2. Project Background
3. Discussion: Engagement and Design Process
4. Recommendation

Shoreline at Volunteer Park

## **The purpose of this presentation is to:**

- Share results of public engagement and First Nations consultation processes;
- Provide background information and seek approval for the proposed improvements in Tatlow and Volunteer parks; and
- Seek a Board decision to enable staff to progress to the detailed design stage



# Project Background



Tatlow and Volunteer Parks

# Project Background – Historic Creek Catchment



- A creek once flowed from West 20<sup>th</sup> Ave. to Tatlow and Volunteer parks before reaching English Bay
- 180 ha
- Currently referred to as Tatlow or First Creek

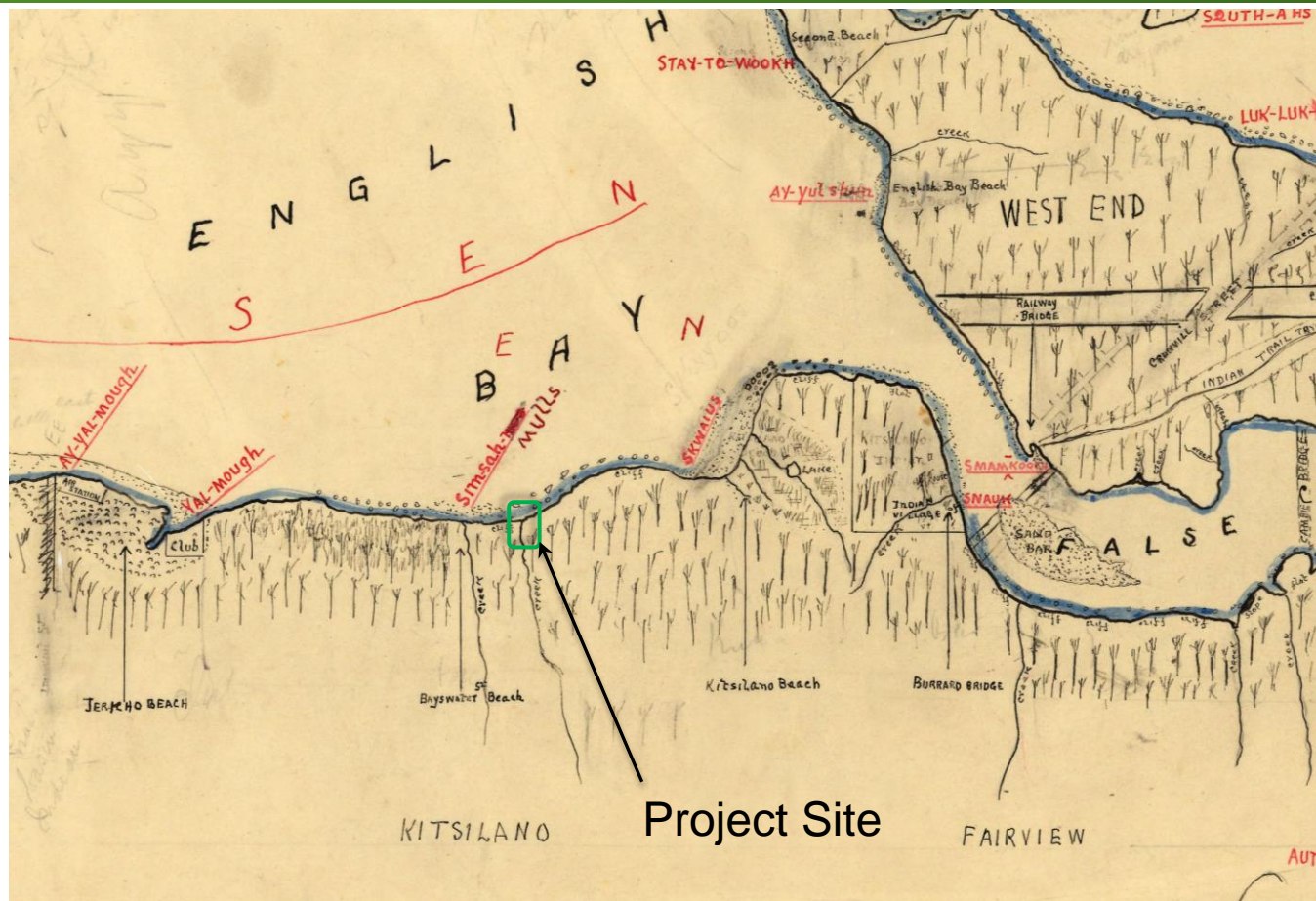
# Project Background – Traditional Territories



- Historically, the creek conveyed groundwater and rainwater through the local coastal rainforest environment
- The creek channel and tidal zone would have provided sustenance for the people and wildlife that inhabited this area

Existing creek channel in Tatlow Park

# Project Background – Traditional Territories



- Archival Map prepared by Major J.S. Matthews (1932)
- Information given verbally by Squamish and Musqueam peoples




- Colonization and city development resulted in the majority of Tatlow Creek being buried or diverted
- Daylighting the creek in Tatlow and Volunteer parks has been suggested by Park Board staff, City staff, and community members for more than two decades

# Project Background



- Parks are bisected by Point Grey Road
- 2014 Point Grey Road converted to a local street
- 2016 significant financial contributions towards the project and donation agreement
- Staff have been working on the design of the restored creek and associated improvements in the parks since 2016

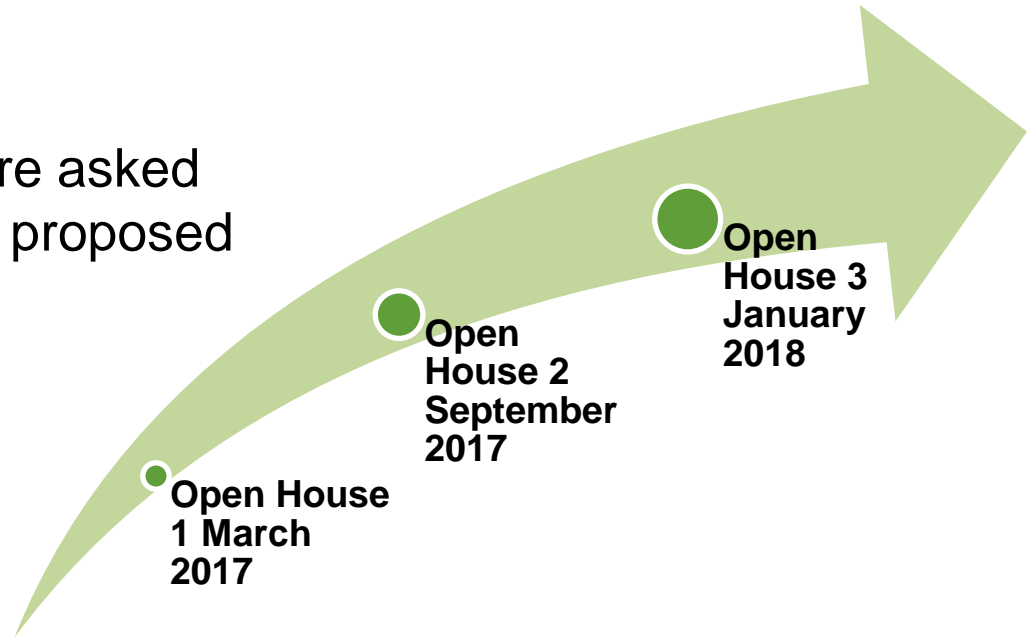
# Discussion



Volunteer Park

A wide-angle photograph of Volunteer Park in Vancouver. The foreground features a grassy lawn with two wooden benches. A dense, green hedge runs diagonally across the middle ground. In the background, there are residential houses and a large white building. The sky is clear and blue.

- Process included three public open houses and two public questionnaires
- Members of the public were asked to provide feedback on all proposed changes in the parks



## From the first questionnaire we learned that:

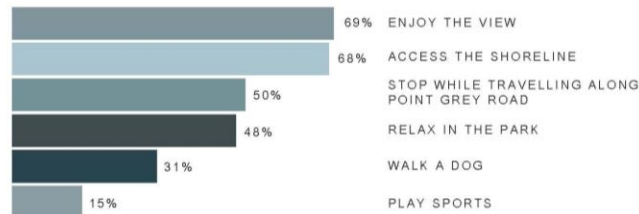
218

QUESTIONNAIRES  
WERE COMPLETED

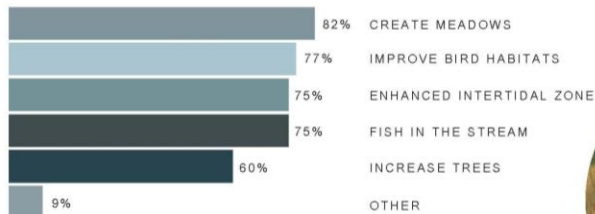
89%

OF RESPONDENTS  
LIVE IN KITSILANO

WHAT DO YOU DO WHEN  
VISITING THE PARKS?



WHICH BIODIVERSITY INITIATIVES  
DO YOU SUPPORT IN THE PARK?



66%

OF PARTICIPANTS  
BELIEVE THE PROPOSED  
STREAM RESTORATION WILL  
HAVE A POSITIVE IMPACT ON  
THE USAGE OF THE PARK



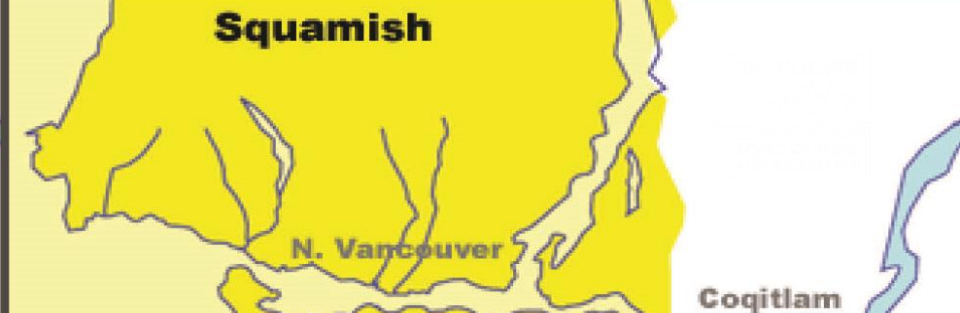
77%

OF PARTICIPANTS  
SUPPORT INCLUDING  
EDUCATIONAL FEATURES  
IN THE PARK DESIGN

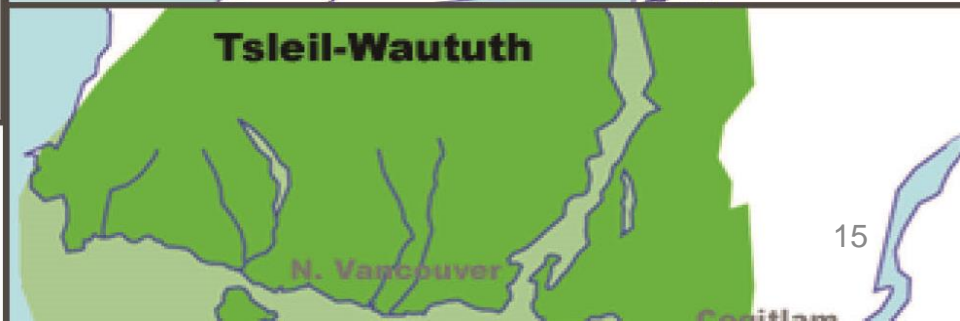
### **Concerns identified included:**

- The need to maintain passive space in the park for general public use;
- Potential conflicts with frequent unsanctioned dog off-leash use of Volunteer Park; and
- Potential deterioration to the narrow beach caused by improved accessibility to the shoreline

- Third public open house at the Kitsilano Public Library on January 27, 2018
- From **171** responses we heard:
  - **82%** indicated they like the proposed concept;
  - **70%** indicated the proposed improvements would increase frequency of visits to the parks in summer and **49%** in fall/winter; and
  - **57%** believed the creek would impact personal behaviours to benefit creek health



# First Nations Consultation



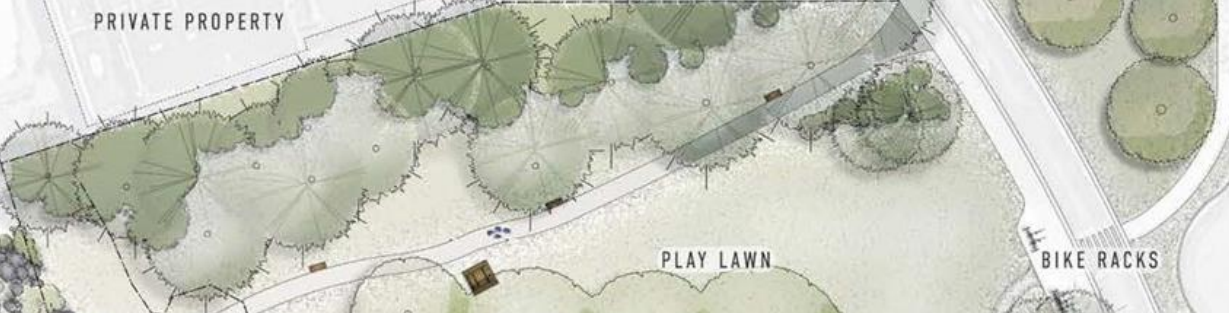
- In 2016, staff sent referral forms to each of the representative governments of Musqueam, Squamish and Tsleil-Waututh Nations
- Tsleil-Waututh and Squamish Nations confirmed their support to proceed with the project
- 2018 staff contacted by the Musqueam Indian Band with a request for deeper involvement
- Project schedule modified to accommodate consultation process

- Three meetings have been conducted. Key learnings so far are:
  - The Musqueam people hold a long history of knowledge about the site;
  - Opportunities for interpretive elements should be included;
  - Potential for indigenous name of the creek;
  - Ecological health should be prioritized; and
  - Dogs should be prohibited from the restoration area
- A draft work plan for opportunities to deliver the project has been developed, and further consultation is being sought from Musqueam Squamish and Tsleil-Waututh Nations



- Zumzamuls or Sim-sah-muls archaeological site near shore at Volunteer Park;
- Archaeological Impact Assessment (AIA) will be conducted; and
- Archaeologists from Musqueam, Squamish and Tsleil-Waututh Nations are collaborating on a shared AIA process

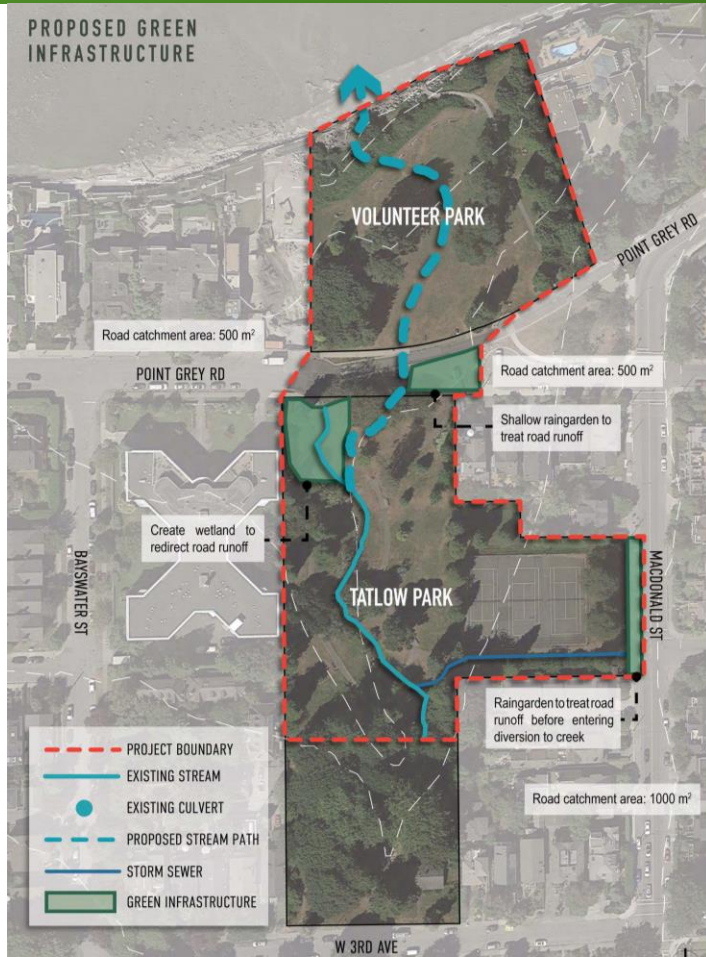




# Creek Design



# Discussion - Creek Design

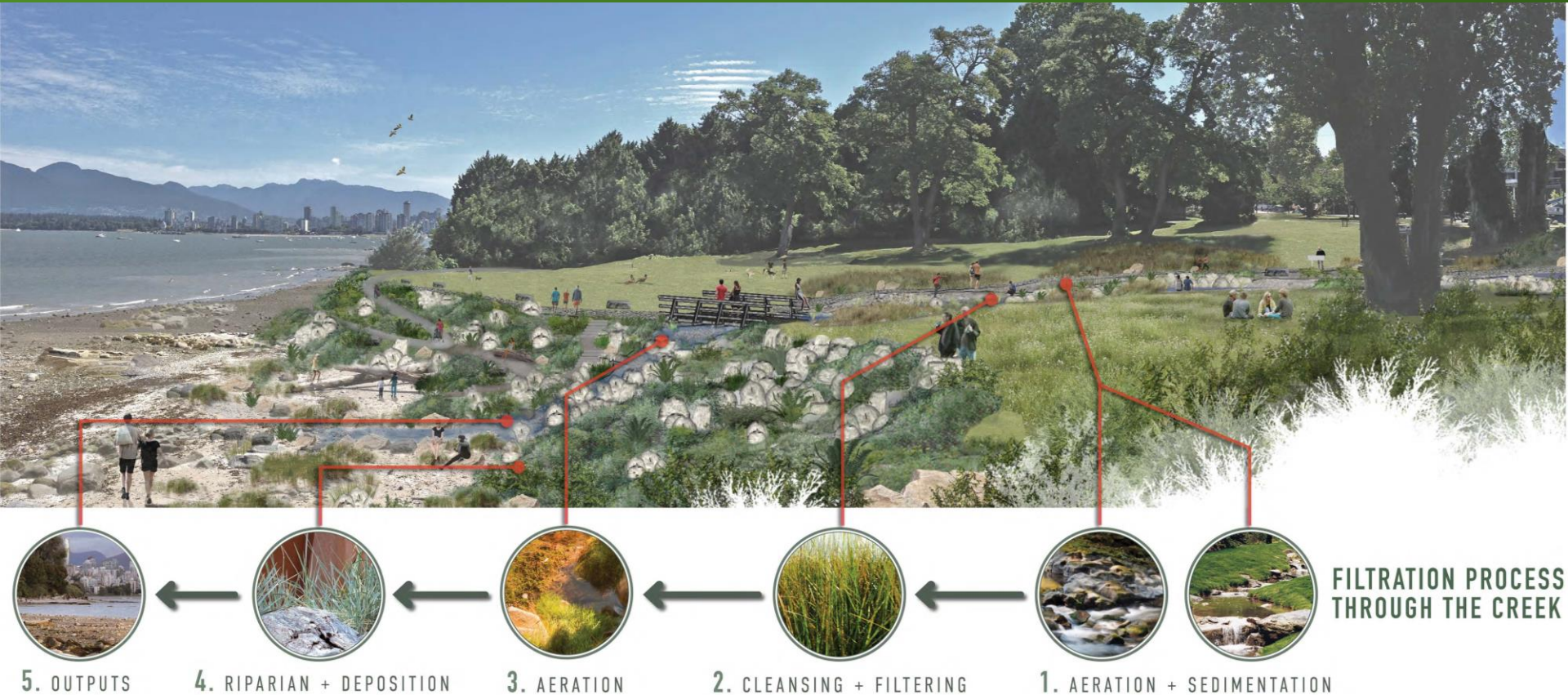


- Storm-water conveyed from Macdonald St.
- Follow current channel in Tatlow Park
- New wetland
- Cross Point Grey Road
- West side of Volunteer Park
- Outfall in English Bay

# Discussion - Creek Design



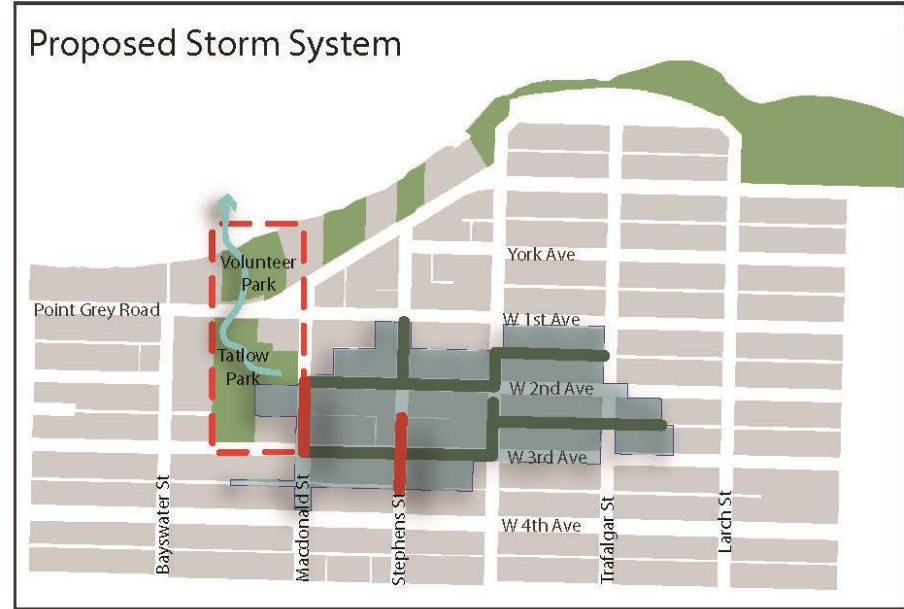
# Discussion - Water







## Existing Storm System



## Proposed Storm System



### LEGEND

-  Tatlow Creek
-  2019 Storm Sewer Construction
-  Existing Separated Storm Sewer
-  Catchment Area (9.8 ha)

Storm-water diverted from  
separated storm catchment



Water in the creek will fluctuate with seasonal weather patterns.

- **Pending Board decision staff will proceed to:**
  - Progress to detail design for the proposed improvements (Q2 to Q4 2020)
  - Tender and award the construction contract (Q1 2021)
  - Construct the improvements (Q2 to Q4 2021)

THAT the Vancouver Park Board approve the proposed Conceptual Plan of Creek Daylighting through Tatlow and Volunteer parks, as outlined in this report, and shown in Appendix A.





# Presentation Concurrences



Division/Department	Name & Title	Concurrence Date
Park Development	Ian Stewart	March 4
[impacted depts/division]	GM (or designate)	NA
Reconciliation	Rena Soutar, Cultural Planner	March 4
Planning & Park Development	Dave Hutch, Director (Acting)	March 4
Recreation Services	Daisy Chin, Director (Acting)	
Park Operations	Howard Normann, Director	
Finance (FP&A)	Steve Jackson, Director FP&A Parks & Rec	
Business Services	Shauna Wilton, DGM	
GM's Office	Malcolm Bromley, GM	GMO to obtain

- Should generally align with concurrences required for report; adjust as needed.
- ALL concurrences up to Park Board GM level to be obtained prior to submitting to PBGMO for final review & GM concurrence.