From:	"Bonderud, Erik" <erik.bonderud@vancouver.ca></erik.bonderud@vancouver.ca>
To:	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>
	"Morris, Brittany" <brittany.morris@vancouver.ca></brittany.morris@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
CC:	"Albitar, Maria" <maria.albitar@vancouver.ca></maria.albitar@vancouver.ca>
	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
Date:	4/16/2020 3:14:58 PM
Subject:	Re: Pedestrian Data in Stanley Park

Thank you Alan

From: Duncan, Alan Sent: April 16, 2020 10:32:24 AM To: Morris, Brittany; Dunlop, Emily; Bonderud, Erik Cc: Albitar, Maria; Pablo, Joshua; Gore, Amy Subject: RE: Pedestrian Data in Stanley Park

I found some older counts. There were a number done earlier but I don't know where they may be.

H:\\Planning\\Planning & Research\\Personal\\Alan\\Waterfront Policy Process\\Seawall\\Seawall Counts

The Waterfront Inventory has seawall counts on p. 35.

H:\\Planning\\Planning & Research\\Resources\\Inventories\\Park Inventories\\Waterfront Inventory (2006-2009)\\Waterfront Inventory update sept 2011

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Morris, Brittany Sent: Thursday, April 16, 2020 8:21 AM To: Dunlop, Emily; Bonderud, Erik Cc: Albitar, Maria; Pablo, Joshua; Duncan, Alan; Gore, Amy Subject: RE: Pedestrian Data in Stanley Park

Hi Emily,

Erik has already been in touch with me, I suggested he reach out to Amy so it looks like it gone full circle! The only thought I had was there may be some ped count info from the initial study for the Stanley Park cycling plan, as the study looked at the mode of transport people take to access the park from what I can remember, but I can I find the final version of the study to check and I believe that study was from more than a couple years ago.

IVe copied Alan Duncan IAlan, do you know if pedestrians were counted in that study, or if we have anything for pedestrian counts?

Thank you, Brittany

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Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 7:39 PM To: Gore, Amy; Bonderud, Erik Cc: Albitar, Maria; Pablo, Joshua; Morris, Brittany Subject: RE: Pedestrian Data in Stanley Park

Hi Amy,

I think it was my inquiry to Joshua (CC'd) on the bike data that spurred this question.

Hi Erik, pedestrian data is never anything we've had a good handle on in Stanley Park but is a good thing to measure. We are actively working on a plan to implement Numina sensors throughout the Park (Brittany Morris has been working with some folks on Engineering to share info), but we don't have them installed yet (things have recently been delayed, but we are talking about having their order/install expedited in the face of COVID-19 as it will help us analyze how parks are being used).

I have copied Brittany on our team - Brittany, do you know what data we have if anything for pedestrian counts?

Thank you, Emily

From: Gore, Amy Sent: Wednesday, April 15, 2020 2:44 PM To: Bonderud, Erik Cc: Albitar, Maria; Pablo, Joshua; Dunlop, Emily Subject: RE: Pedestrian Data in Stanley Park

Hi Erik,

I don't believe so, but Emily would be a better person to answer this – she's leading the comprehensive plan and has been looking into monitoring the various uses – I just don't know where she's at with that right now but she can update you on what they've already looked into. Thanks!

Amy

From: Bonderud, Erik Sent: Wednesday, April 15, 2020 2:31 PM To: Gore, Amy Cc: Albitar, Maria; Pablo, Joshua Subject: Pedestrian Data in Stanley Park

Hi Amy,

I was wondering if you're aware of any ped data in Stanley park that Parks has collected in the last couple years. We are trying to answer some COVID questions related to the recent closure

Thanks,

Erik



VANCOUVER WATERFRONT INVENTORY



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WATERFRONT INVENTORY

The Waterfront Inventory examines the character of Vancouver's waterfront and its value as a natural, recreational and cultural resource. It provides a reference for better understanding and management of the activities, opportunities and challenges associated with the waterfront and as such will inform waterfront policy planning. It is intended to be a living rather than static document, a visual summary of complex data, that can be updated over time as appropriate.

This data will help to:

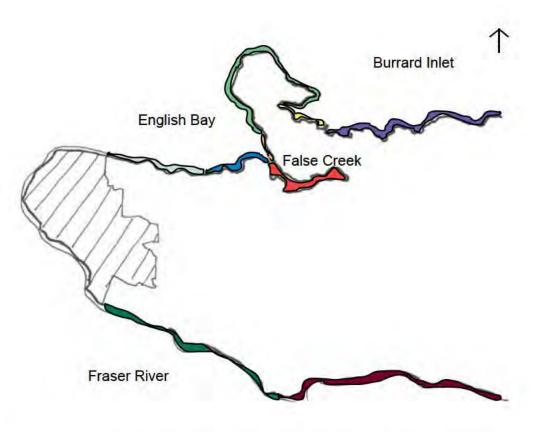
- identify and set priorities for waterfront pathway and seawall improvements;
- · understand existing and potential opportunities/constraints for commercial activities and waterfront areas and beaches;
- · identify opportunities to increase access to and along the waterfront;
- · identify ways to improve access onto and from the water;
- · manage recreational and cultural events and activities in waterfront areas; and
- · inform the management of natural assets.



Unless otherwise noted, Vancouver's shoreline has been divided into the following segments, shown on the adjacent map:

- Burrard Inlet (New Brighton to Canada Place)
- Coal Harbour (Canada Place to Stanley Park)
- Stanley Park
- Downtown Beaches
- False Creek
- Vanier Hadden Kitsilano Beach Parks and Point Grey Foreshore
- West Beaches
- Fraser River west
- Fraser River east

This document is divided into ten sections, starting with Section A, providing highlights from the Waterfront Inventory. Section B provides an historical overview of the waterfront. Section C illustrates jurisdictions, and Section D illustrates characteristics of the waterfront pathways. Section E illustrates shoreline treatments to describe classes of physical access to the waterfront. Section F provides information on waterfront parks, and Section G summarizes Park Board commercial uses and washroom facilities located along the waterfront. Section H summarizes an inventory of existing waterfront structures. Section I illustrates the 2005 seawall count. Section J maps the magnitude and distribution of permitted events held in Vancouver Parks. Additional information is included in Section K, the Appendix.



Inventory Segments along Vancouver's Waterfront



The following facts and observations were derived from the Waterfront Inventory and provided here as highlights of interest. Please refer to the

Public Access To The Waterfront:

- The character of Vancouver's 67 km of waterfront is incredibly diverse and increasingly accessible to the public.
- The Park Board passed a resolution in 1911 that the City actively acquire English Bay waterfront land for park purposes. In 1928, only 30% of the English Bay waterfront from Stanley Park to Burrard Street was in public ownership. Today it all is.
- Today, 63% (42.1 km) of Vancouver's waterfront within city limits is accessible to the public.
- The level of public access varies greatly by section: almost all of the English Bay (99%) and False Creek (96%) waterfronts are accessible to the public, compared to only 41% of the Burrard Inlet and 43% of the Fraser River waterfront.
- 575.3 hectares (44%) of Vancouver's 1295.5 ha parks are located along the waterfront (2007). The largest, both in area and length of waterfront is Stanley Park at 391.4 ha (967 acres) with its waterfront extending 9.9 km (6.2 miles) from Devonian Harbour Park to English Bay Beach Park.



The Pathways:

- Ever longer sections of uninterrupted of waterfront pathway are emerging, primarily through the development of major projects along the waterfront; the longest is from the tip of Canada Place in Downtown to the foot of Trafalgar Street in Kitsilano, a total of 26 km that would take about 8.5 hours to walk at a leisurely pace*.
- The longest uninterrupted section of waterfront pathway along the Fraser River is from Burnaby (Boundary Road) west almost to Argyle Street, a total of 3.9 km that would take over an hour to walk at a leisurely pace*.
- The number of people using the seawall and waterfront pathways continues to increase as the system expands; the highest volumes of pedestrians, cyclists and in-line skaters are found at English Bay and Kitsilano Beach Park.
- Vancouver's waterfront pathways continue into Burnaby, above Burrard Inlet as part of the Trans Canada Trail and along the Fraser River (the Burnaby Foreshore Trail).
- 55% of waterfront pathways have separate lanes for cyclists and pedestrians.
- 76% of waterfront pathways are hard-surfaced.
- * Assumes a leisurely pace to be about 3 km per hour.



Waterfront Jurisdiction:

- 50% (33.6 km) of the waterfront is managed by the Park Board and/or the City as park land or seawall/waterfront pathway.
- An additional 12% (8.5 km) of waterfront is accessible to the public through other levels of government (e.g. Granville Island and Canada Place), public rights-of-way over private land, or temporary arrangement (e.g. East Fraserlands) pending more permanent status.
 - Park Board manages an additional 1.1 km/7.9 ha of waterfront park beyond the city boundary along Spanish Bank West.



Waterfront Structures and Services:

- The majority of waterfront structures stairs, ramps, piers, marinas and viewpoints are found around Stanley Park and in False Creek.
- There are no concessions, restaurants or gift shops in any of the Fraser River parks.



Introduction

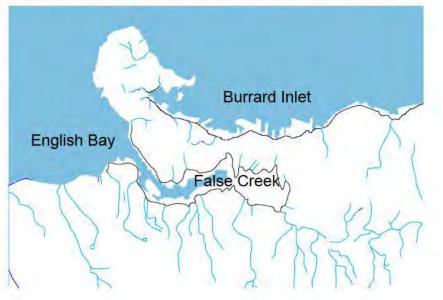
Since the inception of the Vancouver Park Board in 1888, the waterfront has been the major focus for public recreation. Circa 1900, English Bay was home to rooming houses, hotels and private residences. The waterfront was virtually inaccessible to the public so the Board made it a long term goal to gradually buy up the private properties, tear down the buildings and create sandy beaches for the benefit of all. The very last building, Englesea Lodge, was removed in the mid-1980s.



8

This same focus is reflected in Park Board policies for waterfront acquisition and development, from as early as the 1929 Bartholomew plan (which recommended saving the foreshore for recreation and scenic purposes without handicapping shipping or industry) and more recently, the 1982 Master Plan and the 1992 Management Plan. Over the decades, it has realized ever increasing quantity and quality of waterfront parkland and water access, including recent major achievements on the edges of the downtown core where waterfront parks have been key ingredients to the area's redevelopment, and more modest success on Point Grey Road and the Fraser River shoreline.

The most dramatic changes to Vancouver's waterfront over time resulted from filling in the water to create more industrial land, notable examples being the False Creek Flats, Burrard Inlet port lands, Granville Island, and both north and south shores of False Creek. The black line on the map illustrates the original shore line. Old streams are shown in blue.





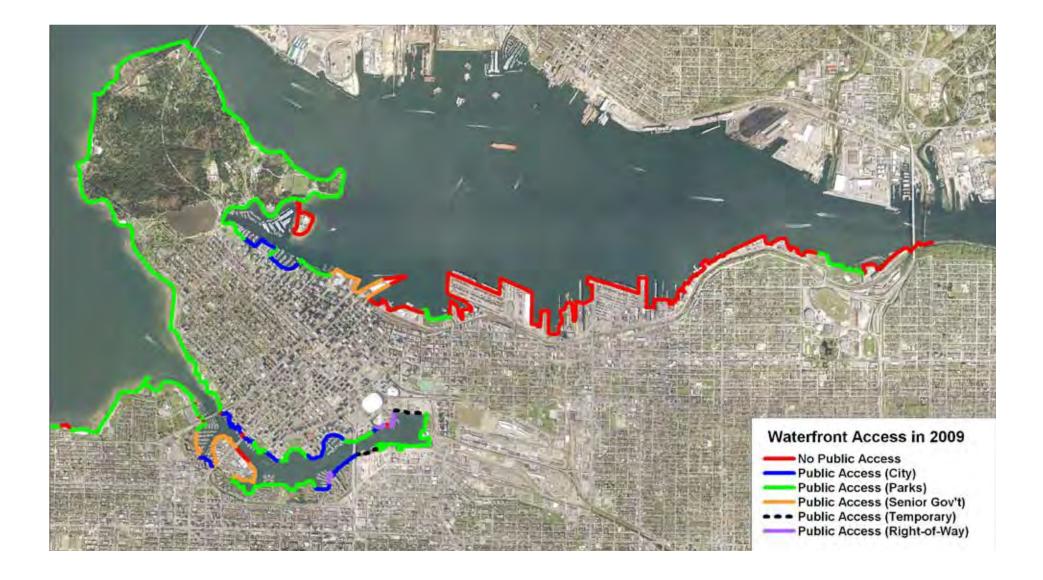
The following maps show the current (2009) jurisdiction at the foreshore along the waterfront. There is a total of 67 km of shoreline and 42.1 km of this shoreline is publicly accessible and managed by the Park Board or City of Vancouver as park land or seawall/waterfront walkway sections of other publicly accessible waterfront are located at Canada Place and Granville Island. The least amount of publicly accessible shoreline exists in industrial areas along the Fraser River and Burrard Inlet. The plans show parts of Southeast False Creek and East Fraserlands waterfronts as being temporary public access, noting that access may change as construction proceeds.



Vancouver West

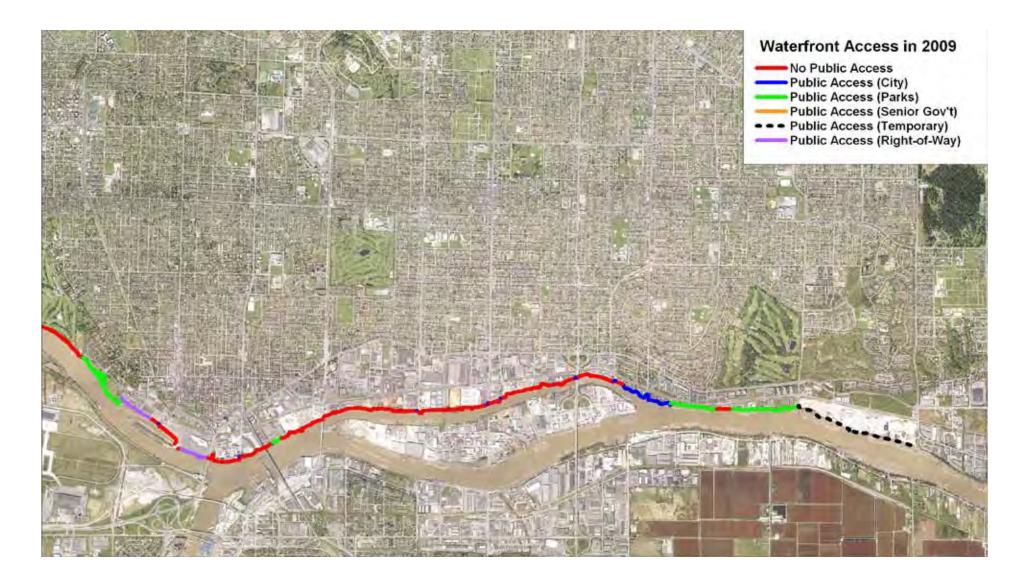


Vancouver East





Fraser River West



Fraser River East

Waterfront Jurisdiction

*

Vancouver Waterfront Jurisdiction by Category

Length (km)	Percentage
25.1	37%
6.2	9%
27.4	41%
2.9	4%
2.3	3%
3.3	5%
67.2	100%
	25.1 6.2 27.4 2.9 2.3 3.3

Vancouver Waterfront Jurisdiction by Waterbody (km)

Category / Section	Burrard Inlet	English Bay	False Creek	Fraser River
No public access	12.9	0.2	0.5	11.5
Public access (city)*	0.9	1.4	2.6	1.3
Public access (park)	7	12.9	4.3	3.2
Public access (senior government)	1.2	0	1.7	0
Public access (temporary)	0	0	0.7	1.6
Public ROW (private land)	0	0	0.6	2.7
Total	22	14.5	10.4	20.3
Publicly Accessible	41%	99%	95%	43%

Note: street ends along the Fraser River are shown on the map as Public Access (City) but the lengths are not included in the table because they are less than 0.1 km.



The following maps illustrate the most convenient pedestrian route where it exists along or near the waterfront. In 2006 there is a total of 47 km of waterfront pathway. 77% of the pathways are a part of the seawall or waterfront walkway along the water; the rest are not directly adjacent to the water. The pathways include the temporary portions of the walkway along Southeast False Creek and the temporary walkway along the East Fraserlands waterfront.

users. These barriers are categorized as:

- no connection to nearby amenities or a greenway;
- a pathway location with steep vertical elements, such as stairs or a steep grade change;
- a pathway where routing may be unclear; and
- where pathways are not continuous, i.e. come to a dead end.

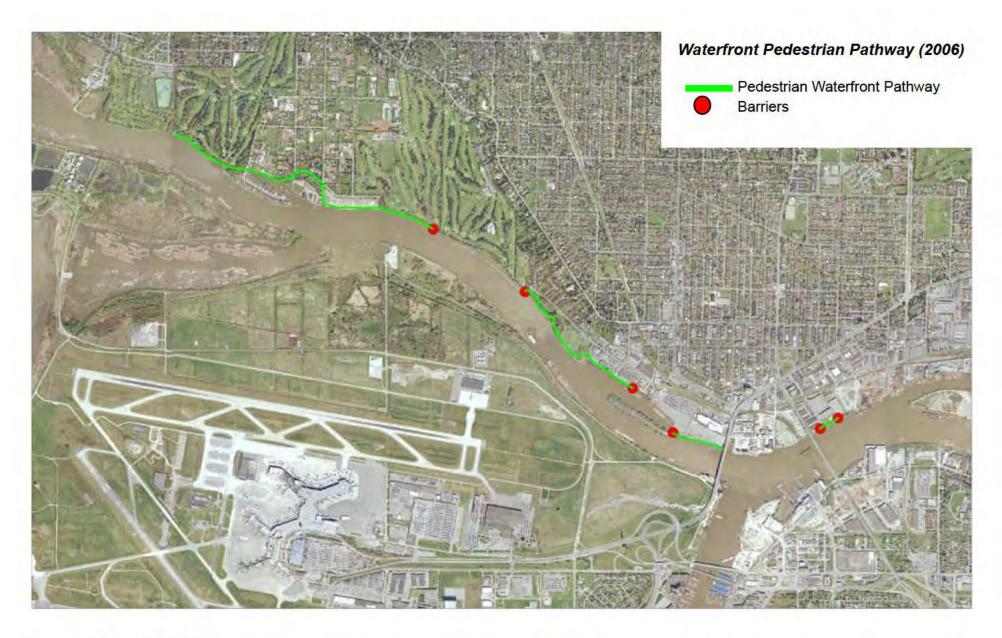
55% of waterfront pathways have designated lanes for both cyclists and pedestrians and 76% of waterfront pathways (except for those primarily found along west beaches) are constructed of a hard surface material.

Vancouver West



Vancouver East





Fraser River West



Fraser River East

Waterfront Pathway Characteristics

Vancouver Waterfront Pathway by Category*

Category	Length (km)	Percentage (%)
Shared Pathway	21.33	45%
Separated Pathway	25.75	55%
Total	47.64	100%
Hard Surface	35.53	76%
Soft Surface	11.51	24%
Total	47.6	100%
Detour	10.93	23%
Waterfront	36.11	77%
Total	47.6	100%

* Note: Using 2007 data: does not include areas with no public access or pedestrian pathway.

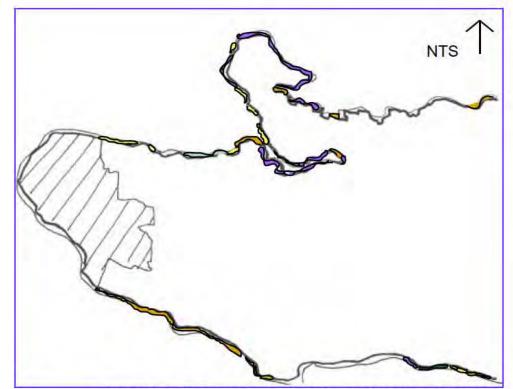


This map summarizes the types of shoreline treatments found along the Vancouver waterfront in 2005. Each of shoreline treatments are described in detail on the following pages:

- Vertical 1
- Vertical 2
- Structured Access
- Armour
- Rocky Beach
- Beach
- Rocky Intertidal
- Vegetated Shoreline
- Boardwalk

Summary Notes:

- The two most common types of shoreline treatment in Vancouver are vertical and armour.
- Fraser River east is the only waterfront with significant sections of vegetated shoreline and boardwalks.
- The Fraser River waterfront has the most variability in shoreline treatment.
- The least amount of variability in shoreline treatment is in Stanley Park, Coal Harbour and False Creek.
- Existing shoreline treatments that could be most easily redeveloped are, armour, beach or rocky beach and vegetated shoreline.
- Most treatments offer little or no acess to or from the water.



Shoreline Treatments Along Vancouver's Waterfront

Vertical 1

What characterizes this treatment?

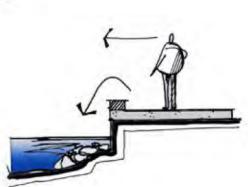
- · elevated walkway, no guard rail, short concrete or granite cap edging
- · close proximity to water, visually, no physical access to the water
- · found in urban areas, hard suface, strong edge

What activities are possible here?

 views out, possibly sitting on the edge (but this is not common and the edge is low)

Where is it found?

Coal Harbour, Stanley Park, False Creek





Vertical 2

What characterizes this treatment?

- · elevated, with a guard rail, short concrete cap, edging
- · close proximity to water, visually, no physical access to the water
- · urban, hard suface, strong edge

What activities are possible here?

· views out, something to lean on

Where is it found?

· Coal Harbour, Stanley Park, False Creek North and South





Structured Access

What characterizes this treatment?

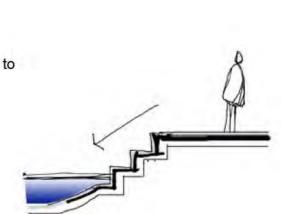
- elevated or non-elevated walkway
- close proximity to water, provides visual and physical access to the water
- · urban, hard suface, strong edge

What activties are possible here?

· views out, sitting on the edge

Where is it found?

• False Creek (David Lam Park and Charleson Park)





Armour

What characterizes this treatment?

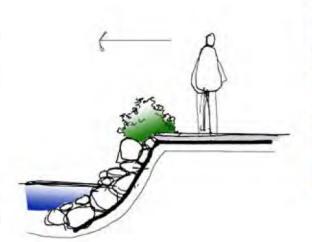
- · elevated walkway, no guard rail, boulder, rip rap edge, steep
- close proximity to water, provides visual access but too steep to climb down, no physical access to water
- · unnatural, steep, hard

What activites are possible here?

· views out, space not occupied

Where is it found?

• New Brighton, Portside, Creekside, Vanier Parks, Fraser River





Rocky Beach

What characterizes this treatment?

- · walkway slightly elevated or not elevated, gradual slope
- set back from the water, provides visual and physical access to the water
- · soft edge, natural materials, gravel or rocks

What activites are possible here?

· views, exploring, seating, small boat launch

Where is it found?

 New Brighton and Portside Parks, Downtown and West Beaches



Beach

What characterizes this treatment?

- · walkway slightly elevated or not elevated, gradual slope
- slightly set back from the water, provides visual and physical access to the water
- · soft edge, appears natural, open

What activites are possible here?

· views, seating, active recreation, small boat launch

Where is it found?

· Downtown Beaches, West Beaches



Rocky Intertidal

What characterizes this treatment?

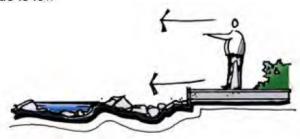
- · shoreline is typically accessible by stairs
- · intertidal zone, physical access to water when the tide is low
- · area of ecological value

What activities are possible here?

· views out, explore, walking

Where is it found?

Stanley Park, Point Grey





Vegetated Shoreline

What characterizes this treatment?

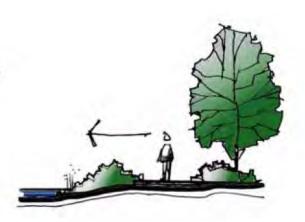
- walkway slightly elevated or not elevated, gradual slope
- slightly set back from the water, provides visual and physical access to the water
- · natural, soft edge

What activities are possible here?

· views out, explore, wildlife viewing

Where is it found?

· Fraser River, Spanish Banks (restored stream)





Vertical - Boardwalk

What characterizes this treatment?

- · elevated walkway, over water
- close proximity to water, provides visual access, but not physical access to water
- soft edge (wood material)

What activities are possible here?

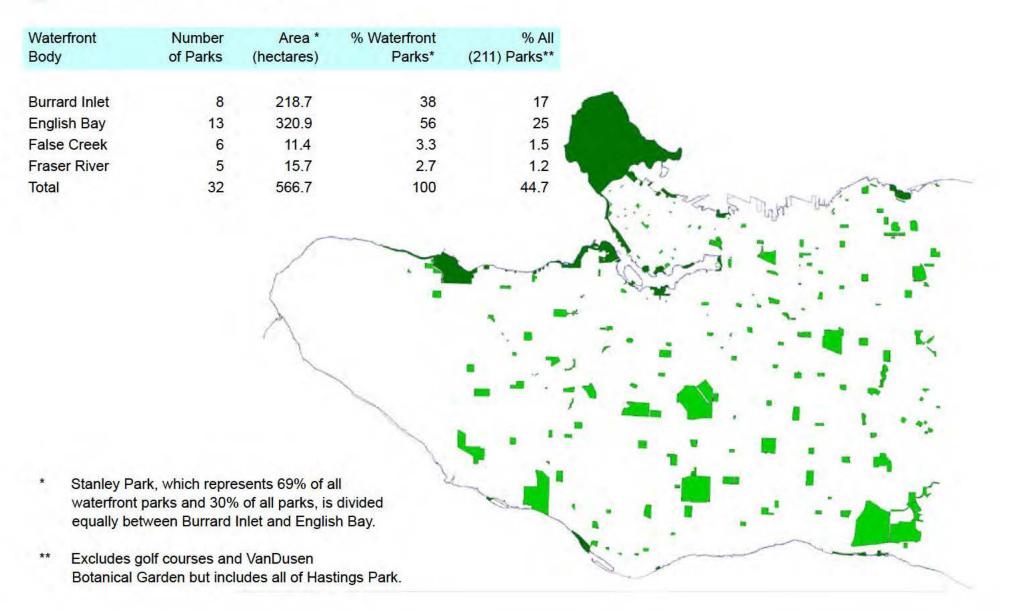
· views out, seating, walking

Where is it found?

Fraser River







Waterfront Parks

575.3 hectares (44%) of Vancouver's 1295.5 ha parks are located along the waterfront (2007). The largest, both in area and length of waterfront is Stanley Park at 391.4 ha (967 acres) with its waterfront extending 9.9 km (6.2 miles) from Devonian Harbour Park to English Bay Beach Park.

The waterfront parks, listed below by waterfront body, are shown in dark green. The accompanying chart illustrates park areas by waterfront body as a percentage of all waterfront park areas and as a percentage of total area of all Vancouver parks. The greatest percentage of waterfront park area (56%) is located along English Bay. Even if the area of Stanley Park was excluded, English Bay would still have the highest percentage of waterfront park area at 69%. The Fraser River has the lowest amount of waterfront park area (2.7%).

Burrard Inlet	Area	English Bay	Area	False Creek	Area	Fraser River	Area
Cardero	0.33	Alexandra	0.55	Charleson	7.46	Deering Island	0.74
Coal Harbour	0.95	English Bay Beach	9.83	Coopers'	1.71	Fraser River	9.10
CRAB @ Portside	3.31	Hadden	2.95	Creekside	2.29	Gladstone	1.09
Devonian Harbour	4.49	Hastings Mill	1.23	David Lam	3.54	Riverfront	4.19
Harbour Green	3.10	Jericho Beach	47.47	George Wainborn	2.36	Shaughnessy St.	0.56
Marina Square	0.63	Kitsilano Beach	13.61	Sutcliffe	1.50		
New Brighton	10.23	Locarno Beach & Ext.	20.05				
Stanley*	195.70	Morton	0.22				
		Pt. Grey Rd. (6 parks)	1.98				
		Spanish Bank Beach**	6.53				
		Sunset Beach	3.61				
		Stanley*	195.70				
		Vanier	18.30				

* 50% of total area

** Spanish Bank Beach Park, which is maintained by Park Board, extends 1.1 km west beyond the City limit at Blanca Street; its area of 7.9 ha is not within Vancouver and therefore is not included in the table.

COMMERCIAL USES AND WASHROOM FACILITIES IN WATERFRONT PARKS

Waterfront Food Services Concessions

- Coal Harbour Café and Catering
- · English Bay Beach
- Information Booth (Stanley Park)
- Jericho Beach
- · Jericho Beach Sailing Centre
- Kitsilano Pool
- Locarno Beach
- Lumbermen's Arch
- New Brighton Park
- Second Beach
- Spanish Bank East
- Sunset Beach
- Third Beach
- Westbank (Spanish Bank West)

Restaurants

- Brock House Restaurant
- · Jericho Sailing Centre
- The Mill Marine Bistro
- Watermark on Kits Beach (and concession) Note: Does not include restaurants in Stanley Park that are not located on the waterfront

Gift Shops

 Stanley Park (Totem Poles) Note: Does not include gift shops in Stanley Park that are not located on the waterfront.

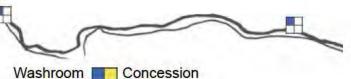
Washrooms

- New Brighton Park CRAB Park at Portside
- Harbour Green Park
- Coal Harbour Community Centre
- Stanley Park Information Centre
- Lumbermens Arch
- Third Beach
- Second Beach
- · Ceperley Meadow English Bay
- Sunset Beach
- David Lam Park
- False Creek Community Centre
 Jericho Sailing Centre
- Burrard Civic Marina Hadden Park
- Jericho Beach

 - Locarno Beach
 - Spanish Bank Beach

Waterfront Washrooms, Gift Shops, Concessions and Restaurants (2005)





Restaurant Gift Shop

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- Kitsilano Beach Park (2)
- - Fraser River Park Riverfront Park

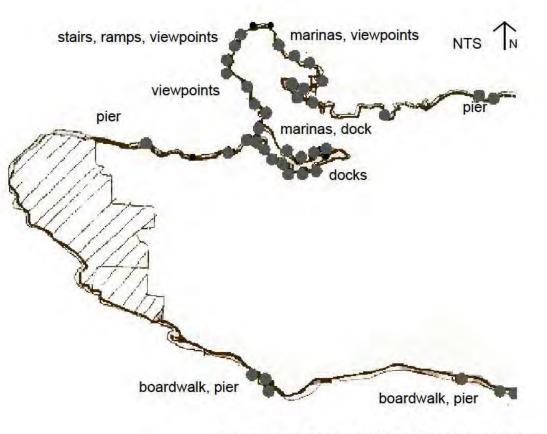


This section summarizes the types and locations of structures found along the Vancouver waterfront in 2005.

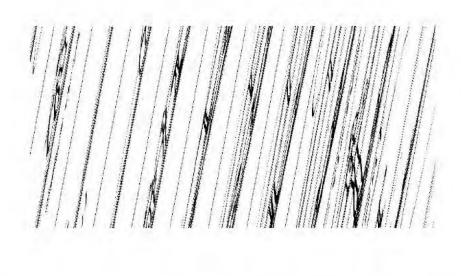
Summary Notes:

- Waterfront structures are clustered in urban areas, such as Coal Harbour and False Creek.
- The Fraser River and West Beaches have the least amount of waterfront structures.
- Stanley Park has the most stairs.
- Marinas are found in Coal Harbour, False Creek and West Beaches only.
- Viewpoints are generally focused outward, except for West Beaches, where views are captured downtown and the Burrard Inlet, where there are views to industry and across to North Vancouver.

For more details on a specific structure, refer to the Appendix, Table 1.



General Distribution of Waterfront Structures



Pier - A small scale linear platform extending from a shore over water and supported by pillar.

What characterizes this structure?

- · no physical access to water, no small boat tie up, for views out.
- materials: wood
- total number of piers along the Vancouver waterfront: 5

Where is it found?

· Burrard Inlet (east) and along the Fraser River.





Dock - A platform extending from a shore over water and supported by piles or pillars, used to secure, protect and provide access to small boats.

What characterizes this structure?

- physical access to water, small boat tie up (including False Creek Ferries and Aquabus), little to no seating
 offered, views out (most people occupy the dock to access small boats)
- · materials: various concrete, wood, metal
- · total number of docks along the Vancouver waterfront: 14

Where is it found?

· Coal Harbour, Downtown Beaches, False Creek, Vanier Park, West Beaches.





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Ramp - hard surface, asphalt or rock facing, angle less than 8% from shore to water or beach.

What characterizes this structure?

- physical access to beach and/or water, pedestrian access (often too steep for wheel access), for small boats or fire ramp (eg. Fraser River).
- · materials: asphalt.
- total number of ramps along the Vancouver waterfront: 12

Where is it found?

• Stanley Park, False Creek, Vanier Park, West Beaches, Fraser River.



Stairs - to beach or water, not wheel accessible.

What characterizes this structure?

- physical access to water (but not wheel accessible), commonly found as access points along vertical shoreline treatments or in areas with limited shoreline access (eg. Point Grey).
- · materials, stone, concrete.
- · total number of stairs along the Vancouver Waterfront: 29

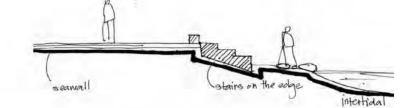
Where is it found?

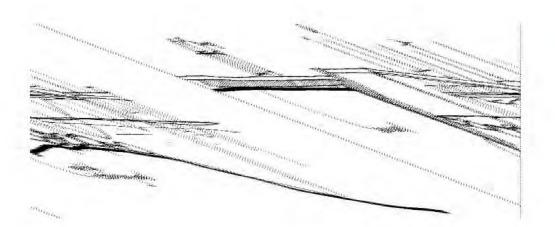
Stanley Park, False Creek, Kitsilano Beach (south edge).











Marina - A basin that has docks, moorings, supplies and other facilities for boats for an extended period of time.



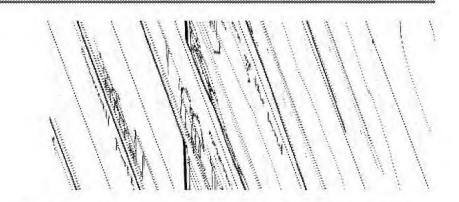


What characterizes this structure?

- · specific use, both public and private.
- · materials: variable.
- total number of marinas along the Vancouver waterfront: 15

Where is it found?

Coal Harbour, Stanley Park, False Creek, West Beaches.



- · materials: variable, primarily concrete, but also, asphalt and concrete pavers,
- total number of viewpoints (see definition) along the Vancouver waterfront: 10

Where is it found?

 Coal Harbour, Stanley Park, Downtown Beaches, False Creek, Fraser River.

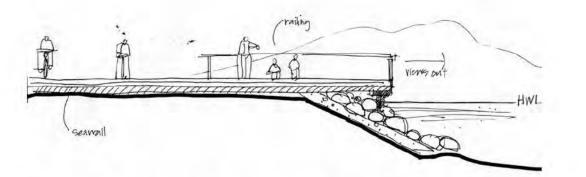
Aller Aller



Viewpoint - A small scale platform or land extension adjacent to the shoreline, a rest spot with views.

What characterizes this structure?

 rest point, outward views, other structures can serve as viewpoints too.





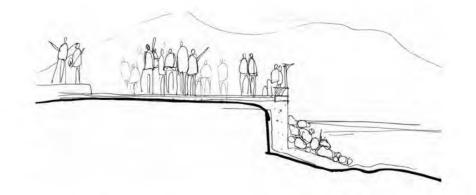
Marginal Wharf - A large scale platform extending from the shore over water and supported by piles or pillars.

What characterizes this structure and where is it found?

 the historical marginal wharf at Jericho Beach Park was removed in 2011 for safety and environmental reasons.



Performance Venue - a space designed to allow for a performance or other outdoor event.



What characterizes this structure?

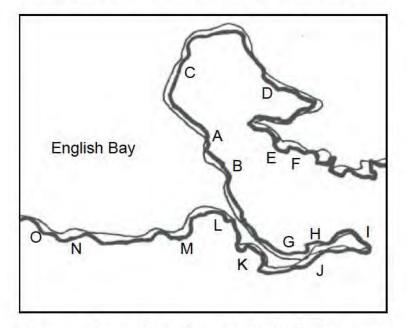
- some performance venues are obvious, some are not.
- · materials: some paved, some not.
- total number of performance venues along Vancouver's waterfront: 6

Where is it found?

 Burrard Inlet (New Brighton Park), Downtown Beaches, False Creek, Kitsilano Beach Park.

SEAWALL COUNT (2005)

A daylong count of pedestrians, cyclists and inline skaters was conducted mid-summer 2005 at various locations along the waterfront between 10 am and 5 pm. The Fraser River wasn't surveyed due to the relatively lower volumes.



Seawall Count Locations on the Waterfront

Pedestrian				
Cycle	Pedestrian	Cuelo	Skate	Total
Skate	reuestian	Cycle	Shale	Total
A. Stanley Park Entrar	nce 5668	4673	1248	11589
B. English Bay	6268	3325	934	10527
C. Third Beach	1118	1681	182	3286
D. Lumbermans Arch	2852	2538	660	6050
5 E. Coal Harbour CC	3533	771	49	4353
F. Harbour Green	4337	1163	176	5675
6. George Wainborn	1022	1220	225	2466
🚺 H. David Lam	1830	1911	387	4128
🧕 I. Creekside	740	1458	183	2406
🌓 J. Cambie Bridge sou	th 724	981	82	1724
K. Sutcliffe	2371	1355	37	3769
🦲 L. Vanier	1868	807	0	2676
M. Kitsilano Beach	3817	726	44	4588
🚺 N. Jericho Beach	1160	835	0	1995
🌖 O. Locarno Beach	1822	686	2	2510



Special events are of great value to the City, contributing to its cultural richness and milieu. A

Civic open spaces such as parks are traditional sites for civic entertainment and celebrations and these events are very popular with Vancouver residents. These activities fall within the Board's mission of providing a wide variety of leisure opportunities to enhance the well being of individuals and communities. Such activities include multi-cultural festivals, cultural events, sporting tournaments and various celebrations.

conditions of use as outlined under a Park Control by-law. Generally, these events have some impact on others' use of the park and/or the surrounding neighbourhood. Most are one day events although a few are scheduled over a weekend. Events which occur on a more frequent basis are handled through licencing agreements or leases.

The following maps show the magnitude and distribution of permitted special events held in or partially in Vancouver Parks or along the seawall in 2005 that are accessible to the public or may be of interest to the public and have an estimated attendance of greater than 300 people. These activities are divided into four categories: walk/run events; community events; festivals; and sporting tournaments. All events are mapped except the

weddings, picnics or commercial events that are not open to casual or public participation. It also does not include activities that may concern the public, such as DFO testing at beaches or emergency preparedness exercises.



Type of Event - Walk/Run

General Information:

Total number of walk/run events in Vancouver's Parks (2005) was 69.

Most popular walk/run locations are:

- English Bay Stanley Park
- Stanley Park Seawall -Lumbermens Arch
- False Creek
- Jericho Beach Spanish Bank

Season:

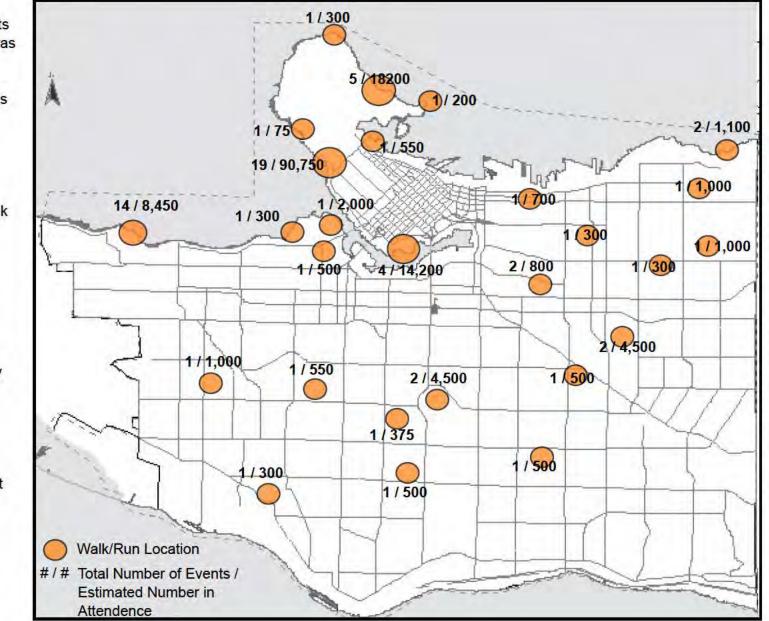
spring summer fall winter

• walk/run events are generally held in the fall.

Seawall Impact and Road Closure (City and Stanley Park):

Walk/run events have the most impact on the seawall.

Major = 7 Minimal = 39 None = 21 Road Closure = 4



General Information:

The total number of commity events in Vancouver's Parks (2005) was 82 (note: some community events occur along with walk/run events).

- Compared to other types of events, community events are smaller but more numourous than other types of events.
- Community events are more widely distributed across the city.

Season:



 Generally, community events are held in the summer.

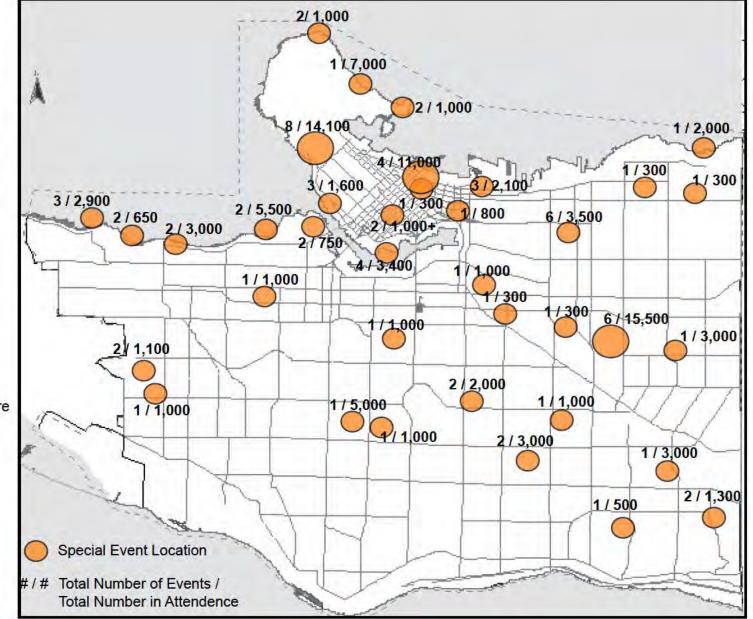
spring

fall winter

summer

Seawall Impact:

Minimal = 11 None = 71



General Information:

Total number of festivals (2005) in Vancouver's Parks was 26.

- Festivals are concentrated in a few locations.
- Major festivals are generally held along the waterfront (including Trout Lake).
- Total attendence for Festival of Lights is reported in the English Bay location only.

Season:



spring summer fall

winter

 Festivals generally occur in the summer.

Seawall Impact: Major = 7 Minimal = 1 None = 12

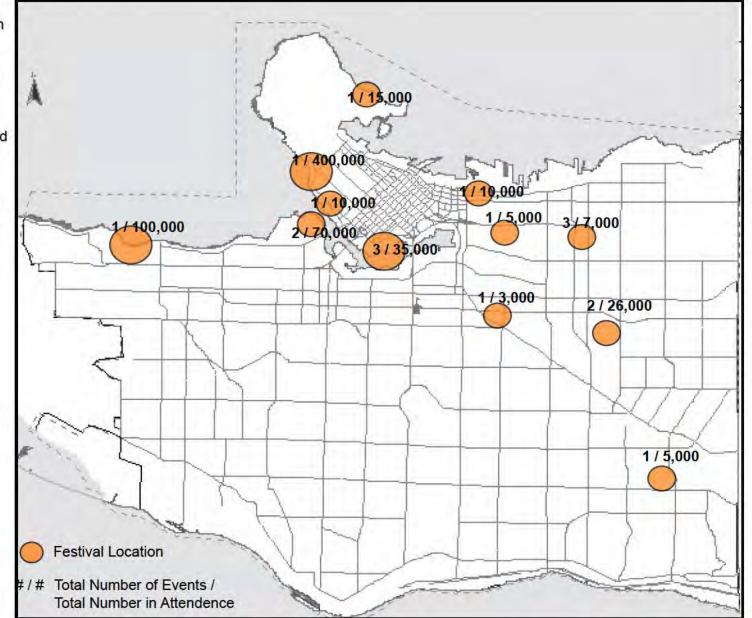




Table and Mapping Notes

Table 1: Inventory of Waterfront Structures

Table 2: Inventory of Pathways

Table 3: Inventory of Street Ends and Areas of Interest

Table 4: Inventory of Potential for Ecological Zones

Table 5: Preliminary Assessment of Waterfront Accessibility

Table and Mapping Notes

The inventory does not include industrial structures, translink, or commercial seaplane structures. Information on jurisdiction was primarily sourced from City Engineering and VanMap.

Shoreline Sections:

For purposes of analysis only, waterfront areas are divided into sections:

- Burrard Inlet (New Brighton Park, Burrard Industrial, CRAB Park at Portside, to Canada Place)
- Coal Harbour
- Stanley Park
- Downtown Beaches (English Bay, Sunset and Alexander)
- False Creek North (including Science World)
- False Creek South (not including Southeast False Creek)
- Vanier, Hadden, and Kitsilano, Point Grey
- West Beaches
- Fraser River east and west

Table 1 and Section C: Waterfront Jurisdiction Maps

- Polyline follows the high water mark (2002) along the natural shore but also on structures only where they provide primary waterfront access e.g. Science World. Industrial structures are included if they are within the high water mark.
- Parks are considered separately with respect to ID numbers, for example, Stanley Park and English Bay are a continuous park, however, they have two separate ID numbers (therefore length can be calculated separated).
- Waterbodies are considered separately with respect to ID numbers, for example, Stanley Park is one continuous jurisdiction, however, contains two separate ID numbers one side related to the Burrard Inlet and another related to English Bay (so that distance can be calculated based on waterbody).
- Street ends do not have a length because the map is in kilometres and to one decimal place, therefore, the street end length does not register on the map.

Table 2 and Section D: Waterfront Pathways Maps

Line Data (Pedestrian Pathways):

- Data is mapped from a pedestrian perspective; the line follows the most convenient and adjacent route available at the waterfront.
- A line is not drawn where there is no existing, formal pedestrian path, greenway or sidewalk available (eg. a street that does not have a sidewalk, an area of vegetation with a narrow trail cut through it).
- If the pathway does not have physical separation, either set apart or through use of materials or formal signage indicating that there is a separated pedestrian and bike/rollerblade lane, it is considered a 'shared' pathway.
- Lighting is indicated as yes (pathway lighting exists), no (pathway light does not exist) or partial (the pathway is not formally lit, however there are other existing sources of light in the vicinity, eg. streetlights or light from housing or commercial nearby).
- Pathways are considered as 'waterfront' (no barriers between the water and the pathway) or 'detour', pathway moves away from the waterfront, notes section provides more information on the pathway location.
- Notes section indicates whether the pathway is seawall, streetside, greenway, or other (as indicated).

Point Data (Barriers):

Barriers are represented by red dots on the maps and consider:

- no connection to nearby amenities or a greenway,
- a pathway location with steep vertical elements, such as stairs or a steep grade change;
- a pathway where routing may be unclear; and
- where pathways are not continuous, i.e. come to a dead end.

TABLE 1: INVENTORY OF WATERFRONT STRUCTURES

(conducted May-August 2005)

The following information provides an overview of shoreline structures excluding industrial and non-accessible waterfront areas.

The following general terms were used to classify structures:

Pier - A small scale linear platform extending from a shore over water and supported by piles or pillars, for views and seating opportunities.

Dock - A small scale platform extending from a shore over water and supported by piles or pillars, used to secure, protect, and provide access small boats.

Marina - A basin that has docks, moorings, supplies and other facilities for boats for an extended period of time.

Viewpoint - A small scale platform adjacent to the shoreline with seating and oriented for views outward.

Stairs - may lead to beach and / or water.

Ramp - may lead to beach and / or water.

Boardwalk - wood pathway extending from the shoreline over water or marsh area, supported by piles or pillars.

Performance venue - a space that is intended for outdoor performances along the waterfront.

Accessibility:

The measure of accessibility intended to give only a general indication of the level of accessibility. It is ranked on a scale of 1 to 3, with comments and explanations in the 'comments' The ranking is as follows:

1 - the structure is reasonable accessible and few or no improvements are needed at the time. The structure is easy to navigate for persons of varying mobility, is easy to enter and exit, has rest spots, etc.

2 - the structure has accessibility issues that need to be addressed. For example, there are barriers to entrance, seating, or ramps could be added, etc.

3 - the structure has accessibility issues that cannot reasonably be addressed. These include excessively sloping edges, stairs, sand barrier, etc.

Accessibility was evaluated for publicly accessible structures but not private or semi-private structures.

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	wood pier	New Brighton Park	РВ	opportunities	2	bollard barrier to wheel access at entrance, wood is aging and dirty, extends ~25m out into the water, no seating at the end of the pier
Burrard Inlet (excludes the Vancouver Port	performance venue	New Brighton Park perfor- mance circle	РВ	seating, views, performance space	1	newly installed, in good condition, newly planted beds adjacent (native plants)
Authority)	wood pier	CRAB Park at Portside	РВ	views (across the Burrard Inlet and Industrial area), seating		wood is aging and dirty
	performance venue	CRAB Park at Portside	РВ	seating, views, performance space		
	dock	Harbour Green Park	РВ	views, seating, physical access to water, three hour moorage (free) for small boat, no overnight moorage permitted	1	potential need for garbage cans required on the dock
	marina	Coal Harbour Marina	LOT 10 DL 185 PL LMP12354 OF THE-PUBLIC HARBOUR BUR- RARD INLET	moorage, 238 spaces, full service restrooms, showers/laundry, phone and internet service, staffed 24 hours a day	1	gated entrance; no public access
Caallianhaum	viewpoint	Cardero Park	PB	views, seating nearby	1	
Coal Harbour	marina	Coal Harbour (The Westin Bayshore Marina)	LOT J PL LMP12980 OF PUBLIC HAR- BOUR INLET EX PL EASEMENT LMP13232 AND SRW LMP 13223 & 13230 EX PL R/W LMP 25279	moorage, sanitary pump out, electrical service, restroom/garbage service, aluminum access ramps	1	key card access, security patrolled; no public access
	marina	Harbour Ferries Marina	City owned water lot	marina, moorage	not assessed	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	marina Marina and docks docks		under the jurisdiction of the Park Board on a provincially owned water lot leased to the City	rowing, lessons, club membership	2	semi-private structure, not accesible to the general public (only rowing club members and visitors)
	stairs (3)	Stanley Park - Coal Harbour on the eastside	PB	stairs to the intertidal - area	3	stone steps, in good condition, steep, access
	marina	Royal Vancouver Yacht Club Marina	under the jurisdiction of the Park Board on a provincially owned water lot leased to the City	membership, marina facilities, club activities	2	private membership only
Stanley Park	stairs	Stanley Park - Coal Harbour, north eastern side	РВ	stairs to the intertidal - area	3	stone steps, in good condition, steep, access
	stairs	Stanley Park - Coal Harbour, north eastern side	РВ	and water	3	
	viewpoint	Brockton Point, Lighthouse	РВ	views	2	
	ramp	NE Stanley Park	PB	access to the beach and water	2	asphalt ramp, small beach area,no paved access to the water, ramp ends in sand
	stairs (6)	NE Stanley Park up to Prospect Point	PB	access to the beach and water	3	small beach area access at low tide
	ramp	NW Stanley Park	РВ	access to the beach and water	2	asphalt ramp, small beach area, no paved access to the water, ramp ends in sand
	seawall viewpoint	NW Stanley Park	PB	views, seating	1	overlooks water / beach area

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	stairs (3) NW Stanley Park		РВ	access to the beach and water	3	steep stairs
	ramp	Third Beach	РВ	access to the beach and water	2	ramp ends at sand
	stairs	Third Beach	РВ	access at low tide and water	3	
Stanley Park	ramp	Third Beach	PB	access to the beach and water	2	ramp ends at sand
(cont'd)	seawall viewpoint	adjacent to Third Beach	PB	views, seating	1	
	stairs	adjacent to Third Beach	PB	access at low tide and to water	3	
	seawall viewpoint	Stanley Park (south)	PB	views, seating	1	
	stairs (4)	Stanley Park (south)	PB	access at low tide and to water	3	
	viewpoint	English Bay (south)	PB	views, seating	1	
	performance venue	Alexander Park - Haywood Bandstand	РВ	seating space, perfor- mance space	2	historic structure
Downtown Beaches	dock	Sunset Beach	City owned dock under the jurisdiction of the Park Board on a provincially owned water lot leased to the City	ferry service in False Creek	2	Aquabus dock / False Creek Ferry landing
False Creek North	Beach Ave. Marina	immediately east of Burrard St. Bridge	LOT 176 PLN 21296 DL:FC EX PLN 18646 LOT 176 S FT OF BURRARD ST CROWN PRO- VINCIAL LEASE	moorage facilities	not assessed	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	marina	Hornby St.	LOT 144 PL 20319 DL FC EXC PL 17669 17670X 17671X 17672X REF PL 17668	moorage facilities for strata, private, owners strata, Baywest management	not as- sessed	
	dock	Hornby St.	City owned dock leased from a Provincial water lot	ferry service in false creek	2	Aquabus dock / False Creek Ferry landing
	marina and boating welcome centre	Howe St. - Granville St. Bridge	LOT 143 PL 20319 DL FC EXCPL 17669 17670X 17671X 17672X REF PL 17668	marina, moorage facilities	2	False Creek Yacht Club Marina and the Boating Welcome Centre
False Creek North (cont'd)	dock	Beach Crescent	City owned dock leased from a Provincial water lot	small boat moorage (kayaks and small boats), access to the water	2	Aquabus dock / False Creek Ferry landing
	performance venue	Creekside gazebo	РВ	small glass covered performance area	not assessed	EXPO 86 remnant
	stairs (large terrace)	David Lam Park	РВ	views, seating, access to the water	2	
	dock	Davie St. and Marinaside Crescent	privately owned by Concord assignees (the marine strata) and on a City owned water lot that is leased to the owner of the dock	False Creek Ferry Service, moorage	not assessed	Quayside Marina and Aquabus dock - False Creek Ferry landing
	dock	Coopers Park	РВ	access to water, kayak launch	2	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	dock and marina	Plaza of Nations	LOT 155 & 6352 DL FC PL 21425	False Creek Ferry Service, moorage	2	Plaza of Nations Marina and Aquabus / False Creek Ferry landing
False Creek	performance venue	BC Place	LOT 155 & 6352 DL FC PL 21425	performance venue	not assessed	
North (cont'd)	dock	Science World	docks are owned by the City and are on City- owned water lots	small boat moorage (kayaks and dingys), no overnight, False Creek Ferry Service	2	Aquabus / False Creek Ferry landing and dinghy dock
			S	EFC not recorded		
	dock	Cambie St. Bridge	City owned dock on City owned water lots	small boat moorage (kayaks and dingys), no overnight, False Creek Ferry Service	2	Spyglass Place Aquabus dock / False Creek Ferry landing and dinghy dock
	marina	Stamps Land- ing - Heather Civic Marina	the dock is owned by the City and managed by the Park Board	small boat moorage (kayaks and dingys), no overnight	2	Aquabus dock / False Creek Ferry landing and dinghy dock
	ramp	Charleson Park	PB	informal small boat launch/ docking	3	
False Creek South	marina and viewpoint	Charleson Park - Spruce Harbour Marina, Greater Vancouver Floating Home Co-op	BLOCK D DL 3603 PLAN 19652 EX PLN 14704	moorage	not assessed	
	dock	Sutcliff Park - False Creek Community Centre	РВ	small boat launch, kayak launch, dragon boat launch	2	Alder Bay
	stairs	southeast end of Granville Is- land, Arts Club Theatre	Granville Island	access to rocky beach and water	3	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	dock (2)	Granville Island at the market	two docks are federally owned and are not within the juridiction of the City	public boarding the aquabus only	not assessed	Aquabus dock / False Creek Ferry landing
	performance venue	Granville Island		multiple venues	not assessed	
	houseboat marina	Granville Island	BALANCE OF WATER LOT 4558 CROWN PROV LEASE	sea community	not assessed	
False Creek South (cont'd)	dock	Granville Island Market public dock	public - Engineering		not assessed	
	marina	Pelican Bay Marina, Granville St.	Federal owned water lot, leased	at the Granville Island Hotel, permanent and temporary moorage	not assessed	
	marina	False Creek Fishermans Wharf	FALSE CREEK HARBOUR AUTHORITY, FISHERIES AND OCEANS SMALL CRAFT BLK B OF 6487 WATER LOT CROWN PROV LEASE		2	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	marina	Vanier Park - Burrard Civic Marina	(PB) - BLC&D DL6311 BLA DL6487 BLA DL6712- LOT7070 & ADJ 87940 SQ FT H20 CROWN PR LEASE 7459 BURRARD BRIDGE MA- RINA	moorage facilities (long and short term), 443 water berths, 150 land storage spaces and canoe and kayak storage, security gates, launch facilities	2	
	dock	Vanier Park - Coast Guard dock	LOT 6311 BLK B PTN LEASED BY RCAF STN VAN UNDER LICENSE OF OCCUPATION	Fisheries and Oceans Canada	not assessed	not accessible to the public
Vanier, Hadden	ramp (2)	Vanier Park	PB	boat launch	2	asphalt, no charge for use
and Kitsilano	dock (2)	Vanier Park	PB		2	
Beach Parks	dock	Maritime Museum - Heritage Harbour	the dock is owned by the City and leased to the Vancouver Maritime Muse- um Society who in turn has an agreement with False Creek Ferries for exclusive use of the ferry portion of the dock	False Creek Ferry Services	2	False Creek Ferry landing, accessible to the public during daytime hours
	viewpoint	Hadden Park	PB	views, seating	1	
	stairs	Kitsilano Beach (south)	РВ	access to the water	3	
	performance venue	Kitsilano Showboat	PB	performances	not assessed	

SHORELINE SECTION	STRUCTURE	LOCATION	JURISDICTION	FACILITIES PROVIDED	ACCESS	COMMENTS
	dock	Kitsilano Yacht Club	leased from PB	moorage	not assessed	small marina, private, not accessible to the public (club members only)
	stairs (4)	Trafalger St., Volunteer Park, Bayswa- ter St., Balaclava St.	City Engineering and PB (Volunteer Park)	access to rocky beach, low tide only	3	area (exception, Volunteer Park)
	viewpoint	Point Grey Road Park - wood deck	public - Engineering	views	2	
Point Grey and West Beaches	stairs (2)	Waterloo St., Dunbar St.	Engineering	access to rocky shoreline and water	3	
	marina	Royal Van- couver Yacht Club - Jericho Tennis Club	WATER LOT 5834 CROWN PROV LEASE #234542	private	not assessed	the connecting bridge to the marina creates a perceived boundary, edge/end to Jericho beach on the east side
	wharf	Jericho Beach Park	РВ			removed in 2011
	ramp (4)	Jericho Sailing Club	РВ		2	
	wood pier	Jericho Beach Park	РВ	views, seating, possible	2	wheel accessible via cement pathway from seaside walkway, aging wood
		Gladstone Park	Engineering		3	
	wood pier	Gladstone Park	РВ	views, seating	1	
Fraser River east	viewpoint	Gladstone Park	РВ	views, seating	1	
	wood pier	RiverFront Park	РВ	views, seating	1	
	wood pier	RiverFront Park	РВ	views, seating	1	
Fraser River west	wood pier (2)	Fraser River Park	РВ	views, seating	1	
FIASEI RIVEI WESL	boardwalk	Fraser River Park	РВ	views, seating, walking through the marsh area	1	

TABLE 2: INVENTORY OF PATHWAYS (conducted May - August 2005)

The following table provides information on the characteristics and condition of the seawall pathway. Does not include December 2006 seawall damage.

Pathway Materials:

ASP - asphalt	C - cement	S - soil	VAR - various
GR - gravel mulch	P - cement pavers	BW - boardwalk	

Pathway Condition:

1 - pathway is in good condition.

2 - pathway is may require some work or symbols on the ground are faded and worn.

3 - pathway is in very poor condition (cracked, heaving, poorly drained, or eroded at the edge, etc.).

Note: all pathway dimensions recorded are estimates.

Accessibility:

The measure of accessibility intended to give only a general indication of the level of accessibility. It is ranked on a scale of 1 to 3, with comments and explanations in the 'comments' The ranking is as follows:

1 - the structure is reasonable accessible and few or no improvements are needed at the time. The structure is easy to navigate for persons of varying mobility, is easy to enter and exit, has rest spots, etc.

2 - the structure has accessibility issues that need to be addressed. For example, there are barriers to entrance, seating, or ramps could be added, etc.

3 - the structure has accessibility issues that cannot reasonably be addressed. These include excessively sloping edges, stairs, sand barrier, etc.

Accessibility was evaluated for publicly accessible structures but not private or semi-private structures.

SHORELINE SECTION	MATERIAL	SHARED USE	CONDITION	ACCESS	COMMENTS				
	shoreline barrier - no public access (Industrial from Second Narrows Bridge to New Brighton Park)								
Burrard Inlet (New Brighton	S	informal path (0.3m)	3	2	area and pathway primarily used by dog walkers to access the eastern rocky beach area				
Park)	GR	shared walk / cycle (3m)	2	1	unbounded pathway (no edge, merges with turf), bordered by a cap rock, set back from shoreline edge				
			shoreline b	arrier - no publi	c access				
Burrard Inlet (industrial) - Portside Greenway	VAR (GR east of Kamloops St., ASP and C, west of Kam- loops St.)	shared walk / cycle (sidewalk along the road)	2	3	industry / Vancouver Port Authority prohibits public access, diversion to Portside greenway, sidewalks and streets, passes through Dusty Greenwall Park, Meditation Park - there appears to be encroachment by private property owners, (roadside) Burrardview Park, Cambridge Park, Oxford Park, and CRAB Park at Portside, confusing pedestrian / bicycle connection from New Brighton Park to the Portside Greenway, walk and is confusing to bicycle, narrow sidewalks, lack of greenspace.				
			shoreline b	arrier - no publi	c access				
Burrard Inlet (CRAB Park at Portside to	GR (service vehicle ac- cess road)	shared walk / cycle / service road (4m)	2	2	not gated, service road connects the park to the access road and adjacent parking lot				
Canada Place)	GR	shared walk / cycle (3m)	3	2					
	ASP (cycle) P (walk)	separated walk (6m) / cycle (4m)	1	1					
Coal Harbour (Canada Place to Stanley Park)	ASP (cycle) P (walk)	separated (but adjacent) walk (6m) / cycle (4m)	1	1	- foot of Denman St. and at Cardero Park (sharp turns and pathways split)				
	ASP (cycle / walk)	separated (but adjacent) walk (4m) / cycle (2.5m)	2	1	Spirty				
	GR	walk/cycle (2m)	1	1	small, detour pathway adjacent to the water				
Stanley Park	ASP	separated (but adjacent) walk (2m), cycle (3m), seawall width is variable	2 (cracking, uneven areas NE, and just prior to Pros- pect Point)	1	green space median seperation is clear and effective, note: gates at bike path do not accommodate the width of a childrens bike trailer				

SHORELINE SECTION	MATERIAL	SHARED USE	CONDITION	ACCESS	COMMENTS
2.2.0	Р	walk only - bicycles must dismount (3m)	1	1	at Prospect Point
Stanley Park (cont'd)	ASP	seperated (but adjacent) walk (2m), cycle (3m), seawall width is variable	1	1	pinch points prior to Third Beach - bikeway narrows
Downtown Beaches	ASP	separated (but adjacent) walk (3m) / cycle (3m)	2	1	
(English Bay, Sunset Beach)	ASP	separated (but adjacent) walk (3m) / cycle (3m)	1	1	pathways split again around the building at sunset beach, then merge
False Creek	Р	shared walk / cycle (8m)	1	1	pathways are straight, all hardscape
North (including Science World)	ASP	shared walk / cycle (6m)	1	1	
False Creek	Р	separated (but adjacent) walk (3m) / cycle (3m)	1	1	
South (does not include SEFC)	Ρ	separated (but adjacent) walk (2.5m) / cycle (3m)	1	2	dense area, views of Granville Island and Marina, seperated use (temporary) at the Burrard Street bridge, pedestrian access only due to stairs at westside (fishermans wharf)
Vanier, Hadden	GR	shared walk / cycle (4m)	1	1	drainage, erosion areas at beach sections
and Kitsilano Beach Parks	GR and S	shared walk / cycle (4m)	2	3 (beach sand)	Hadden Beach area (dog use zone), it is accessible by stairs from the southside and by a steep gravel mulch pathway from the northside)
	ASP	shared walk / cycle (4m)	2	1	high user conflict
Point Grey	GR, ASP, C	shared walk / cycle, variable width	2	3	wheel accessible (note: this pathway is accessible, but leads to an inaccessible end (pedestrian stairs up, or rocky intertidal), asphalt pathway in front (northside) of the residential is narrow - there appears to be encroachment by private property owners, Kitsilano Yacht Club, rocky intertidal, low tide access only (no wheel access)

SHORELINE SECTION	MATERIAL	SHARED USE	CONDITION	ACCESS	COMMENTS
West Beaches	GR	shared walk / cycle (4m)	2	2	pathway merges with the beach at the Jericho pier, some user
(Jericho, Locarno, Spanish Banks)	(Jericho, shared w Locarno, GR (4m) (path			2	
	GR	separated walk (2.5m) / cycle (2.5m)		2	
Fraser River west	GR and BW	shared walk / cycle (2m)	1	2	
Fraser River east	GR	shared walk / cycle (2.5m) (path seperates temporarily and width varies, no greater than 4m)	1	2	

TABLE 3: INVENTORY OF STREET ENDS AND AREAS OF INTEREST (conducted May to August 2005)

The following information provides a general inventory of street ends and potential areas of interest along the waterfront (excludes SEFC and EFL) for future shoreline improvement or development. This inventory only takes into consideration, non-developed locations (e.g. empty lots, undeveloped street ends, etc.) or industrial areas that did not appear in use. Property number, zoning, and current ownership information is from Van Map.

SHORELINE SECTION	LOCATION	PROPER- TY NO.	ZONING	CURRENT OWNER- SHIP / OCCUPIED BY	COMMENTS
	Parcel of land west of New Brigh- ton Park	A366	CD - 1 (258)	New Brighton Park Extension	vacant lot, industrial storage area, to be developed as waterfront park
	Wall St. and Yale St. (2995 Wall St.)	street inter- section	C-2	326754 BC LTD	adjacent to the Portside Greenway
	N. Renfrew St.	street end	RS - 1	City Engineering	concrete platform (former overpass) with railing, overlooking Vancouver Port Authority, in poor condition, concrete is cracked, overgrown with invasive species
Burrard Inlet	Semlin Drive to Gore Av. (includes all street ends - Victoria, Salsbury, Commercial, Woodland, Clarke, Heatley & Alexander, Gore Ave)	multiple street ends	CD - 1 (258), M - 2	City Engineering, adjacent land area is Vancouver Port Authority	the whole area is directly adjacent to industry alongside the road, no residential along the shoreline side, street ends are all gated and end at the industrial areas, the only pedestrian connections are the sidewalks along the road
	directly west of CRAB Park at Port- side, east of Canada Place, W. Waterfront Road		CD - 1 (401)	Vancouver Port Authority	asphalt parking lot, cruise ship parking, and directly east of Canada And the Seabus

SHORELINE SECTION	LOCATION	PROPER- TY NO.	ZONING	CURRENT OWNER- SHIP / OCCUPIED BY	COMMENTS
False Creek	west of Science World	50, 10, and 728	BCPED	Ltd. (property no. 50); Concord Pacifc Group INS (property no.10, 728)	parking lot, special event space to be future park
Point Grey	Trafalgar St., Bayswater St., Balaclava St., Waterloo St., Dunbar St.	street ends (improve- ment)	RS - 1	City Engineering	within residential area, most of these access points look like small alleyways or don't appear to be public access points
	Balaclava St.	7520	RA - 1	361536 BC Ltd.	
	Oak Street Bridge	ROW	M-2	City Engineering	possible park site in area under the bridge, adjacent to industrial area which already has gates leading into this space, connection along possible public easementwest to Oak St. end, and east to Shaughnessy Street Park site
	Oak St.	street end	M-2	City Engineering	small street end space with views, possible waterfront connection to Arbutus extension ROW to the east
Fraser River west	Arbutus St. and 75th Ave W	7425	RA - 1	Marine Drive Golf Club	connect waterfront public access pathway
	Arbutus rail line and swing bridge	ROW	RS-1	CP Rail	future greenway connection to Fraser River, possible connection west to Oak St. end, under Oak St. bridge, east to Shaughnessy Street Park site
	Main St.	street end	M-2	City Engineering	potential for development of views and seating area at Lafarge Plant for employees and public, drainage ditch along the west side
	Fraser St.	street end	M-2	City Engineering	good depth and elevation for small park space
Fraser River east	Crompton St.	street end	M-3	City Engineering	potential for small street end park, currently a dumping site
	Knight Street	street end	M-2	Cith Engineering	existing access under the beidge
	Argyle St.	street end	M-4	City Engineering	potential for street end park, currently a dumping site

TABLE 4: INVENTORY OF WATERFRONT AREAS WITH OPPORTUNITIES FOR ECOLOGICAL SHORELINE TREATMENT ORINCREASED WATER ACCESS (conducted May to August 2005)

The following information provides a detailed inventory of existing 'naturalized' shoreline areas that have the potential for ecological shoreline treatments. Southeast False Creek is not included.

			Cı	irrent Con	ditions				
Shoreline Section	Location	Character	Slope	Armour	Vegetation	Adjacent or Existing Recreational Uses	Opportunities	Constraints	
Burrard Inlet	east end of New Brigh- ton Park, adjacent to Cascadia Terminals	rocky beach, existing erosion issues	variable to steep at edge	riprap, LWD, other debris (ʻurban- ite')	no overhang, invasive species	off leash dog zone	issues will need to be addressed eventually, therefore providing an opportunity to use a eco shoreline treatment	directly adjacent to an industrial area, urbanite/riprap dump, erosion, no adjacent vegetation, nearby storwater outlet	
Coal Harbour (Canada Place to Stanley Park)	entrance to Stanley Park on Georgia St.	rocky beach with planted shoreline	variable -moderate	cobble	no overhang, mixed (na- tive species planted)	seawall, seating	calm and protected space, connected to a small inlet/outlet from a freshwater (stormwater) pond	noisy accessible space	
	east side, adjacent to the Aquarium	inter- tidal zone, rocky beach area / mud	gradual to moderate	vertical seawall	little to none		intertidal habitat zone, highly visible area, protected and calm water space, adjacent to stream - salmon habitat revegetation project near the Aquarium	vertical seawall access (high (publicly accessible), crowded nearby marina restricts or wildlife	
Stanley Park	east side, adjacent to the bridge to Deadman's Island and along the island shore- line	rocky beach, intertidal zone	variable to moderate	vertical seawall, rip rap near the bridge	variable- mixed	marina,	calm and protected space, directly adjacent and connected to Burrard Inlet, public access is limited, visible	federally managed area, nearby crowded marina	
	edge of Stanley Park at English Bay	rocky beach	moderate to steep	vertical seawall, rocky beach, LWD	mixed- primarily invasive	seawall swimming	highly visible area, tidal, potential for re-vegetation		

			Cu	irrent Con	ditions			
Shoreline Section	Location	Character	Slope	Armour	Vegetation	Adjacent or Existing Recreational Uses	Opportunities	Constraints
English Bay	English Bay beach edge	rocky beach	moderate to steep	vertical seawall, rocky beach, LWD	mixed- primarily invasive	seawall swimming	highly visible area, tidal, potential for re-vegetation	
Sunset Beach	Sunset Beach adjacent to Burrard St. bridge	rocky beach, grasses	gradual, moderate to steep adjacent to the bridge	vegeta- tion and random boulders	mixed- primaily invasive species	off-leash dog zone and aqua-bus ferry service dock, swimming,	larger space, views, highly visible area, protected and calm (not greatly affected by tidal action)	
North False Creek	westside of David Lam Park, near the Aquabus / False Creek Ferry dock	naturalized area	moderate to steep	riprap	mixed - primar- ily invasive species	seawall aqua-bus ferry service	potential for re-vegetation and water accessible shoreline treatment	
	east end of the Plaza of Nations	naturalized area	moderate to steep	riprap	mixed - primar- ily invasive species		potential for re-vegetation and water accessible shoreline treatment, connect to nearby Coopers Park	
North False Creek (cont'd)	along theshoreline from Plaza of Nations to north of Sci- ence World	naturalized area	moderate to steep	riprap	mixed- primaily invasive species	public do occupy this space and access the water, but not safe, not an 'inviting' space to access the water	potential for re-vegeta- tion and water accessible shoreline treatment, serves as a break from the hard urban-scape surrounding, to be improved, non-park development	

			Cu	irrent Con	ditions			
Shoreline Section	Location	Character	Slope	Armour	Vegetation	Adjacent or Existing Recreational Uses	Opportunities	Constraints
South West False Creek	Granville Island at Alder Bay	rocky beach	moderate to steep	riprap (boulder size)	mixed	public uses this access point to water, its also adja- cent to park	enclosed bay area, poten- tial for re-vegetation and improved water accessible shoreline	
South False Creek	west of Granville Island and False Creek residential area, adjacent to Burrard Street bridge and under the bridge	naturalized area	moderate to steep	riprap	mixed- primaily invasive species	area being re-developed, adjacent seawall	highly visible areas, small park area there, unique 'under the bridge' area, connection to Vanier Park space, potential for re-vegetation, currently apart of 2005 seismic up- grading	area, steep shoreline edge
Vanier Park /	Vanier Park shoreline edge	naturalized area	moderate to steep	riprap	mixed - primaily invasive species		potential for re-vegetation or water accessible shoreline treatment	
Hadden Park	Vanier Park east of the beach	naturalized area and beach	gradual to moderate	beach sand and boulders	mixed- prmarily invasive	off-leash dog area, seating	potential for re-vegetation, enclosed area, existing erosion issues at edge,	
Kitsilano	northeast of Kitsilano beach Hadden Park	naturalized area and beach	gradual to moderate	beach sand and boulders	mixed- prmarily invasive	seating, informal pathways, off leash dog zone	potential for re-vegetation, enclosed area, nice views, larger space, bordered by park on both sides	

			Cu	rrent Con	ditions			
Shoreline Section	Location	Character	Slope	Armour	Vegetation	Adjacent or Existing Recreation- al Uses	Opportunities	Constraints
Point Grey	from Kitsilano Yacht Club to Trafalgler St., public easement at shoreline in front of residential along Point Grey road	naturaized area and rocky beach	moderate to steep	beach sand and boul- ders	mixed- prmarily invasive	walkway	potential for re-vegetation	
	shoreline below the Hastings Mill Park, east of Jericho Tennis Club	rocky beach	gradual bordered by a steep slope behind	boul- ders, no added armor	mixed- primarily invasive	virtually inaccessible area	adjacent established inter- tidal zone, low use area, outfall or seepage	erosion at shoreline edge, relativiely inaccessible area
	east end of Jericho Beach near the Kitsilano Tennis Club	beach- naturaized edge area	gradual	sand	mixed- primarily invasive	low use area	adjacent to Jericho Park, adjacent to established intertidal zone at the waterfront	directly adjacent to private property, small area
Jericho	bottom of Discovery St. at waterfront	exposed, beach shoreline	gradual	sand	mixed- primarily invasive	seating, informal pathways	larger area, connected and adjacent to Jericho Park area, potential re-vegetation	
	bottom of Tolmie St., beach edge and groin area	exposed (windy space), beach shoreline	gradual	groin area - rip rap, beach sands, LWD	mixed- primarily invasive	informal pathways	larger area, potential re-vegetation	exposed to potential storms and erosion
Locarno	west side, bottom of Blanca St., beach edge and groin area	exposed, beach shoreline	gradual	groin area - rip rap, beach sands	mixed- primarily invasive	informal pathways	larger area, potential re-vegetation	exposed to potential storms and erosion

			Cu	rrent Con	ditions			
Shoreline Section	Location	Character	Slope	Armour	Vegetation	Adjacent or Existing Recreational Uses	Opportunities	Constraints
	street ends (see street end inventory)	street ends	steep	rip rap, debris of various sorts	invasive	none	potential re-vegetation, development and connections	most are current dump sites for adjacent industry
Fraser River east	Gladstone Park shoreline	marsh, estuary	gradual	LWD, boulders	mixed, some established native vegetation	walking, one seating spot	views, water access, existing habitat potential, potential for enhancement project, outfalls nearby, park land	industry nearby
	Riverfront Park shoreline	marsh, estuary and beach area	gradual	LWD, boulders	mixed, some established native vegetation	walkway, off-leash dog zone	views, water access, existing habitat potential, potential for enhancement project, outfalls nearby, park	
	Musqueam golf course, shoreline greenway to Deering Island Park	naturalized edge	steep	LWD, rip rap, other debris (urban- ite)	mixed, some established native vegetation	walkway, golf course and nearby residential, industrial area to the east	existing pathway and some seating spaces, water system inland connections	dead end pathways, off leash dog walking (potential to cause disturbance)
Fraser River west	McCleery Golf Course shoreline pathway	naturalized edge	steep	LWD, rip rap, other debris (urban- ite)	mixed, some established native vegetation	walkway, golf course	existing pathway and some seating spaces	dead end pathways, off leash dog walking (potential to cause disturbance)
	Fraser River Park shoreline east	beach, naturalized area, marsh	gradual to moderate	LWD, boulders and some rip rap areas	mixed, some established native vegetation	walkway, off-leash dog zone	views, water access, existing habitat potential, potential for enhancement project, park, the west side of the park has already been developed with a boardwalk	

TABLE 5: PRELIMINARY ASSESSMENT OF OVERALL SHORELINE ACCESSIBILITY(conducted May-August 2005)

NOTE: This assessment provides a general overview of shoreline sections only (refer to T Southeast False Creek and East Fraserlands were not evaluated.

Accessibility (Accessibility was evaluated for publicly accessible structures but not private or semi-private structures):

The measure of accessibility intended to give only a general indication of the level of accessibility. It is ranked on a scale of 1 to 3, with comments and explanations in the 'comments' The ranking is as follows:

- 1 the structure is reasonable accessible and few or no improvements are needed at the time. The structure is easy to navigate for persons of varying mobility, is easy to enter and exit, has rest spots, etc.
- 2 the structure has accessibility issues that need to be addressed. For example, there are barriers to entrance, seating, or ramps could be added, etc.
- 3 the structure has accessibility issues that cannot reasonably be addressed. These include excessively sloping edges, stairs, sand barrier, etc.

SHORELINE SECTION	ACCESSIBLE	COMMENTS
Burrard Inlet	3	an overall discontinuous shoreline section, not easily navigable, poor connections, narrow pathways, user from New Brighton Park to Portside Greenway, entire stretch between Wall St at Semlin to CRAB Park at Portside, and the connection from CRAB Park at Portside to Coal Harbour and to suurounding areas)
Coal Harbour	1	lack of physical access to water
Stanley Park	2	isolated places of cracking, bumpy asphalt, lack of facilities for physical access to water (stairs only to the beach/tidal areas, existing ramps are too steep, Third Beach needs improvement from seawall to upper concession/washrooms/parking)
Downtown Beaches (English Bay, Alexander and Sunset)	2	lack of physical access to water, weedy edges, ground pathway signage fading
North False Creek (includes Science World)	1	lack of physical access to water, weedy edges
South False Creek	1	non-accessible pedestrian overpass at Fishermans Wharf east of Granville St. bridge
Vanier, Hadden and Kitsilano Beach Parks	2	lack of physical access to water
Point Grey	2	discontinuous shoreline section, non-accessible shoreline (stair access only)
West Beaches (Jericho, Locarno, Spanish Banks)	2	lack of physical access to water tables, dead end pathway at Locarno Beach, asphalt pathway cracked and heaving between Locarno Beach and Jericho
Fraser River east	2	discontinuous shoreline section, dead ends, accessible shoreline from Victoria Dr. to Kerr St., steep pathway connections in Gladstone Park
Fraser River west	3	discontinuous shoreline section, not easily navigable, dead ends, poor links, lack of signage and furniture,

STANLEY PARK Pedestrian Counts - Sunday, June 7, 2020

Counter # & Name:

Methodology: It is best if you sit on the inside of the seawall facing the ocean, so pedestrians can be counted and deciphered between directions (right to left or left to right). Count peds (walkers and joggers) as single "|" below and as ++++. For Wheels - count *Roller Bladers* as "R"s, count *Skateboards* as "K"s and count *Scooters* as "S" and Wheelchair users as "W"

TIME	PEDS/	WALKERS	JO	GGERS	WHEELS!		
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	
2:00pm to 2:10pm						6.00	
2:10pm to 2:20pm							
2:20pm to 2:30pm							
2:30pm to 2:40pm							
2:40pm to 2:50pm							
2:50pm to 3:00pm							
-							

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STANLEY PARK Pedest	rian Counts - Sun	day, June 7, 2020		Counter # & Name:					
TIME	PEDS/	WALKERS	JO	GGERS	WHEELS!				
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)			
3:00pm to 3:10pm	5								
3:10pm to 3:20pm									
3:20pm to 3:30pm			-						
3:30pm to 3:40pm			-						
3:40pm to 3:50pm									
3:50pm to 4:00pm									
			_						

From: "Dunlop, Emily" <emily.dunlop@vancouver.ca>

To: "Collins, Tim" <Tim.Collins@vancouver.ca>

Date: 5/13/2020 8:47:10 AM

Subject: RE: sorry was on a call when you called

Okay I will call him. Can I call you very quickly (5 mins)? There is an idea I had that I completely forgot to ask you about yesterday. I have a meeting at 9am so I can keep it brief?

From: Collins, Tim Sent: Wednesday, May 13, 2020 8:32 AM To: Dunlop, Emily Subject: Re: sorry was on a call when you called

Good Morning Emily!

I don think so, but he has been in contact with the restaurant and also part of the SLT and may be able to contribute to areas that we are not aware of or provide other items for clarity?

Thanks Tim

Sent from my iPhone

On May 13, 2020, at 7:49 AM, Dunlop, Emily <emily.dunlop@vancouver.ca> wrote:

\u-257 ? Okay, thank you. Does Sev need to sign off on this before it goes out? Should I be calling him about this?

Thanks, Emily

From: Collins, Tim Sent: Tuesday, May 12, 2020 6:19 PM To: Dunlop, Emily Subject: Re: sorry was on a call when you called

Direct is good, no confusion just the facts

Sent from my iPhone

On May 12, 2020, at 5:15 PM, Dunlop, Emily <emily.dunlop@vancouver.ca> wrote:

\u-257 ? No worries! Thanks for the email reply. One question for you - is "pretty direct" (as you note below) a good thing or a bad thing?

Just wanted to confirm ;)

From: Collins, Tim Sent: Tuesday, May 12, 2020 5:14 PM To: Dunlop, Emily Subject: sorry was on a call when you called

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I will check in tomorrow, I looked at the survey, pretty direct, you may actually want to call Sev and discuss any questions, he is not great with email response.

Have a good night!

Tim

From:	"Nayeri, Ali" <ali.nayeri@vancouver.ca></ali.nayeri@vancouver.ca>
To:	"Dejong, Uultsje" <uultsje.dejong@vancouver.ca></uultsje.dejong@vancouver.ca>
CC:	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
	"Stewart, Ian" <ian.stewart2@vancouver.ca></ian.stewart2@vancouver.ca>
	"Pottinger, Guy" <guy.pottinger@vancouver.ca></guy.pottinger@vancouver.ca>
	"Bishop, Janice" <janice.bishop@vancouver.ca></janice.bishop@vancouver.ca>
	"Lulic, Dane" <dane.lulic@vancouver.ca></dane.lulic@vancouver.ca>
Date:	5/6/2020 9:08:24 AM
Subject:	RE: Stanley Park Closure - Pavement Data Collection

Hi Uultsje,

Tetra Tech is planning to start the data collection in Stanley Park on Friday (May 8) at 9:00 am. Would the rangers be able to remove the cones and barriers blocking the road. They would be doing the right lane first (where there are two lanes) and then the left lane.

Let me know if you need more information.

Many thanks, Ali

From: Nayeri, Ali Sent: Thursday, April 30, 2020 9:06 AM To: Lulic, Dane Cc: Gore, Amy; Dunlop, Emily; Stewart, Ian; Pottinger, Guy; Bishop, Janice; Dejong, Uultsje Subject: RE: Stanley Park Closure - Pavement Data Collection

Thanks Denny and Uultsje. I will coordinate with them on date and time and get back to you.

From: Lulic, Dane
Sent: Thursday, April 30, 2020 7:31 AM
To: Nayeri, Ali
Cc: Gore, Amy; Dunlop, Emily; Stewart, Ian; Pottinger, Guy; Bishop, Janice; Dejong, Uultsje
Subject: RE: Stanley Park Closure - Pavement Data Collection

Hi Ali,

Looks like Uultsje and his team can help. Co-ordinate dates and times with the Ranger group and I m sure this will work out.

Thank you

From: Dejong, Uultsje Sent: Thursday, April 30, 2020 6:52 AM To: Lulic, Dane Cc: Nayeri, Ali; Gore, Amy; Dunlop, Emily; Stewart, Ian; Pottinger, Guy; Bishop, Janice Subject: Re: Stanley Park Closure - Pavement Data Collection

Good Morning

The Rangers can assist if we know a few days ahead of time regarding day and time.

Uultsje

On Apr 30, 2020, at 6:29 AM, Lulic, Dane <Dane.Lulic@vancouver.ca> wrote:

\u-257 ? Good morning Ali,

I'd imagine these set-ups would need to be removed temporarily – one side at a time for the duration of the drive by and staged back into place immediately after. Perhaps the day of while they are working, instead of the day before? During what hours will this be taking place and for how long?

Is it possible to have a crew that is based out of the area to assist, whether it'd be the Rangers or a Trim Crew? ...this might depend on the hours in Tetra Tech decides to operate (OT, early starts, etc...).

Thanks

From: Nayeri, Ali Sent: Wednesday, April 29, 2020 5:11 PM To: Lulic, Dane Cc: Gore, Amy; Dunlop, Emily; Stewart, Ian; Pottinger, Guy; Bishop, Janice Subject: Stanley Park Closure - Pavement Data Collection

Hi Denny,

We are working with the City to collect information about the condition of our roadways. The consultant (Tetra Tech) started work on the rest of the City earlier in April to make use of the reduced traffic. We just found out that they are planning to drive their data collection van (picture attached) through Stanley Park sometime over the next week. The work will take one day to complete and they will need to do one pass per lane of traffic on Park Dr., Pipeline Rd., North Lagoon Dr., Lagoon Dr. and Beach Ave..

They are aware of the restrictions which shouldn't be a major issue for them. However, the five chicane stations on the descent from Prospect Point are going to be a major hurdle. Is there any chance we can temporarily remove them the day before this work starts? Otherwise we will need to delay (more likely cancel) data collection in Stanley Park.

Regards, Ali

From:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	6/5/2020 2:46:10 PM
Subject:	RE: stanley park counts sunday june 7

Thank YOU for devoting time on a Sunday to this. Pls thank the others on dave's and my behalf.

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:45 PM To: Shearer, Doug Subject: RE: stanley park counts sunday june 7

Thank you Doug!

From: Shearer, Doug Sent: Friday, June 05, 2020 2:40 PM To: Dunlop, Emily Subject: stanley park counts sunday june 7

8 hours of staff time OT approved.

Doug Shearer | Manager, Planning, Policy & Environment Vancouver Park Board | 2099 Beach Avenue c. 604.340.5922 | t. 604.257.8404

I acknowledge that I live and work on the unceded, ancestral territories of the Musqueam, Squamish and Tsleil-Waututh Nations.

From:	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
Date:	6/5/2020 2:49:25 PM	
Subject:	RE: stanley park counts sunday june 7	

Thanks Emily- that's a nice bonus.

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:46 PM To: Duncan, Alan; Yu, Mandy; Morris, Brittany Subject: FW: stanley park counts sunday june 7

2 hours of OT each for us on Sunday, confirmed

From: Shearer, Doug Sent: Friday, June 05, 2020 2:40 PM To: Dunlop, Emily Subject: stanley park counts sunday june 7

8 hours of staff time OT approved.

Doug Shearer | Manager, Planning, Policy & Environment Vancouver Park Board | 2099 Beach Avenue c. 604.340.5922 | t. 604.257.8404

I acknowledge that I live and work on the unceded, ancestral territories of the Musqueam, Squamish and Tsleil-Waututh Nations.

From:	"Tait, Godfrey" <godfrey.tait@vancouver.ca></godfrey.tait@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
CC:	"Ulmer, Christine" < Christine.Ulmer@vancouver.ca>
Date:	5/29/2020 11:57:23 AM
Subject:	RE: Stanley Park Cycling Data

Thanks Emily!

From: Dunlop, Emily Sent: Friday, May 29, 2020 11:36 AM To: Tait, Godfrey Cc: Ulmer, Christine Subject: Stanley Park Cycling Data Importance: High

Hi Godfrey,

Not sure if you got my voicemail this morning but in case you haven **I**, I just wanted to follow up on your text and let you know that the data you received on Monday is the "latest" data. That is because the data is collected every Monday (technicians have to actually retrieve the data), then it is shared with us which is the past week. So the data that was presented on Monday to the Board was "hot off the hose". I should also note that because usage is much lower during the week then on the weekend (of course yesterday and today may be an exception). But that just means the numbers are conservative (minimum) which is always a good thing to be on the safe side.

Thanks, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From: "Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>								
To: "Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>								
Date:	6/5/2020 3:06:44 PM							
Subject:	Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS							
Ooops forgo	ot wheelchairs! See <mark>revised form here</mark>							
From: Duncan, Alan Sent: Friday, June 05, 2020 3:00 PM To: Dunlop, Emily Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS								

Can you send the form now?

I emailed and texted Bernard but haven't heard back yet. Wonder if he is off for the weekend?

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:58 PM To: Morris, Brittany; Duncan, Alan; Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi Britt,

I think Mandy got dibbs on #4 (which is Third Beach) - do you have a second preference? ;)

Thanks. E

From: Morris, Brittany Sent: Friday, June 05, 2020 2:58 PM To: Duncan, Alan; Dunlop, Emily; Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Sounds good!

I can take #4, I'll be coming by bike so any location works for me.

Thanks,

Britt

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Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Duncan, Alan Sent: Friday, June 5, 2020 2:52 PM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Sounds good.

I may be in my car if I come from the north shore so #1 is probably easiest for me. If I come from home I will cycle and can go anywhere. I am at the office now so can print off my own if you send the link.

Thanks,

Alan

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:38 PM To: Duncan, Alan; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi Alan,

Okay great. Just talked to Doug and he says it has to be overtime but that shouldn't be an issue because they feel this is important and has to be done.

So he will let us know, but we should assume Sunday is on from 2pm to 4pm. And, yes great idea. I actually just stopped by the office to grab something so I can print the forms off. Maybe we should still meet somewhere central on Sunday at 1:30pm or 1:45pm so I can give them to each of you?

Also, Mandy is going to take Third Beach, so Alan and Brittany do you want to pick your top spots out of the other 3? I don't mind where I go.

Thank you all, Emily

From: Duncan, Alan Sent: Friday, June 05, 2020 1:50 PM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

2 4 would be the best for me, or even a bit later. cit/to wood be good to print the forms

this afternoon though. I have to go in to print and scan something anyway.

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 12:23 PM To: Yu, Mandy; Morris, Brittany; Duncan, Alan Subject: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi everyone,

In speaking with Mandy and looking at the weather today (things have taken a turn!), we are really concerned that this might be a wasted effort, however, Sunday is looking very warm and beautiful and just so happens to be the peak day typically for visitors to Stanley park. I am sure some of you already have plans but if not, we are considering going on Sunday afternoon (suggest between 2pm and 4pm, or could do 1pm to 3pm), so let me know what your availability is.

In the meantime, I will get approval from Doug (will be overtime or flex time), but let me know if you would still be available/interested.

Thanks, Emily

-----Original Appointment-----From: Dunlop, Emily Sent: Friday, June 5, 2020 8:04 AM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany; Duncan, Alan Subject: Stanley Park Pedestrian Counts When: Friday, June 5, 2020 2:30 PM-5:00 PM (UTC-08:00) Pacific Time (US & Canada). Where: Stanley Park (locations TBD)

Hi guys! We've got the ?go ahead? by Doug so just scheduling this now but will send more details. I figured we could count for 2 hours total? (get two per hour samples, plus it tends to get busier towards the end of the work day on Friday).

2:30pm to 3pm (just fit in some travel time to counting spot) 3pm to 5pm – ped counts

I'll send out more info and questions via email shortly.

From:	"Morris, Brittany" <brittany.morris@vancouver.ca></brittany.morris@vancouver.ca>	
To:	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>	
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
CC:	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
Date:	6/5/2020 3:05:18 PM	
Subject:	RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS	

Ah yes, thanks for looking out for me Alan, I will take #2.

Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Duncan, Alan Sent: Friday, June 5, 2020 3:00 PM To: Morris, Brittany; Dunlop, Emily Cc: Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Except you will have to walk down to the seawall or walk your bike there.

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Morris, Brittany Sent: Friday, June 5, 2020 2:59 PM To: Dunlop, Emily Cc: Yu, Mandy; Duncan, Alan Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Oops I actually meant #3! Prospect Point. So no worries there 5

Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:58 PM To: Morris, Brittany; Duncan, Alan; Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi Britt,

I think Mandyns got dibbs on #4 (which is Third Beach) - do you have a second preference? ;)

Thanks.

Е

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From: Morris, Brittany Sent: Friday, June 05, 2020 2:58 PM To: Duncan, Alan; Dunlop, Emily; Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Sounds good!

I can take #4, I'll be coming by bike so any location works for me.

Thanks,

Britt

Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Duncan, Alan Sent: Friday, June 5, 2020 2:52 PM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Sounds good.

I may be in my car if I come from the north shore so #1 is probably easiest for me. If I come from home I will cycle and can go anywhere. I am at the office now so can print off my own if you send the link.

Thanks,

Alan

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:38 PM To: Duncan, Alan; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi Alan,

Okay great. Just talked to Doug and he says it has to be overtime but that shouldn't be an issue because they feel this is important and has to be done.

So he will let us know, but we should assume Sunday is on from 2pm to 4pm. And, yes great idea. I actually just stopped by the office to grab something so I can print the forms off. Maybe we should still meet somewhere central on Sunday at 1:30pm or 1:45pm so I can give them to each of you? City of Vancouver - FOI 2020-420 - Page 1039 of 2377

Also, Mandy is going to take Third Beach, so Alan and Brittany do you want to pick your top spots out of the other 3? I don't mind where I go.

Thank you all, Emily

From: Duncan, Alan Sent: Friday, June 05, 2020 1:50 PM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

 $2 \Box 4$ would be the best for me, or even a bit later. It would be good to print the forms this afternoon though. I have to go in to print and scan something anyway.

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

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Thanks, Emily

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2:30pm to 3pm (just fit in some travel time to counting spot) 3pm to 5pm 2 ped counts III send out more info and questions via email shortly.

From:	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
Date:	6/5/2020 12:51:32 PM	
Subject:	RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS	

I can help on Sunday. Either way flex or OT is fine. Can I request being at Third Beach?

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Dunlop, Emily Sent: Friday, June 5, 2020 12:23 PM To: Yu, Mandy; Morris, Brittany; Duncan, Alan Subject: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi everyone,

In speaking with Mandy and looking at the weather today (things have taken a turn!), we are really concerned that this might be a wasted effort, however, Sunday is looking very warm and beautiful and just so happens to be the peak day typically for visitors to Stanley park. I am sure some of you already have plans but if not, we are considering going on Sunday afternoon (suggest between 2pm and 4pm, or could do 1pm to 3pm), so let me know what your availability is.

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I'll send out more info and questions via email shortly.

From:"Dunlop, Emily" <emily.dunlop@vancouver.ca>To:"Duncan, Alan" <alan.duncan@vancouver.ca>Date:6/5/2020 4:01:56 PMSubject:RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Where were you planning on going? To number 1?

From: Duncan, Alan Sent: Friday, June 05, 2020 3:56 PM To: Dunlop, Emily Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

For my survey, where exactly do you want me to be or just somewhere at the entrance to the park? The 1' seemed to be inside the park.

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 3:23 PM To: Duncan, Alan Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Thanks Alan 🛽 I fixed it! The new form is saved over the original one:

Saved here

From: Duncan, Alan Sent: Friday, June 05, 2020 3:08 PM To: Dunlop, Emily Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

That is great. Just adapt the times to when we start and finish. Easily done, thank you. I will just go to the entrance of the park then. But if you need to chat, just call. I am sure you have my number but just in case, 604 802 1502.

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 3:04 PM To: Duncan, Alan Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS Yes, what do you think about this?

Did I capture all of your comments?

From: Duncan, Alan Sent: Friday, June 05, 2020 3:00 PM To: Dunlop, Emily Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Can you send the form now?

I emailed and texted Bernard but haven the heard back yet. Wonder if he is off for the weekend?

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 2:58 PM To: Morris, Brittany; Duncan, Alan; Yu, Mandy Subject: RE: Stanley Park Pedestrian Counts - CHANGE IN PLANS

Hi Britt,

I think Mandy's got dibbs on #4 (which is Third Beach) - do you have a second preference? ;)

Thanks.

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Sounds good!

I can take #4, I'll be coming by bike so any location works for me.

Thanks,

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Brittany Morris | Planning Analyst | Planning, Policy & Environment t.604.654.0996 e. brittany.morris@vancouver.ca

From: Duncan, Alan

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Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

City of Vancouver - FOI 2020-420 - Page 1045 of 2377

From: Dunlop, Emily Sent: Friday, June 5, 2020 12:23 PM To: Yu, Mandy; Morris, Brittany; Duncan, Alan Subject: Stanley Park Pedestrian Counts - CHANGE IN PLANS

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From	: "Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>
Тс	: "Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date	: 6/5/2020 5:07:16 PM
Subject	RE: Stanley Park Seawall - Pedestrian Counting on Sunday

Thanks Emily! Enjoy your weekend.

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Dunlop, Emily Sent: Friday, June 5, 2020 5:02 PM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: RE: Stanley Park Seawall - Pedestrian Counting on Sunday Importance: High

Of course, I had to miss something else ③

NEW FORM IS HERE

From: Yu, Mandy Sent: Friday, June 05, 2020 4:54 PM To: Dunlop, Emily; Duncan, Alan; Morris, Brittany Subject: RE: Stanley Park Seawall - Pedestrian Counting on Sunday

We're missing 2:50-3pm but I'm sure you caught that on the form

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Dunlop, Emily Sent: Friday, June 5, 2020 4:46 PM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: Stanley Park Seawall - Pedestrian Counting on Sunday Importance: High

Hi everyone!

Okay I'm glad we could all make Sunday work for us – thank you again for your time to carry out this important work! Please find at this link the updated form to use – hopefully you can find a way to print this out. We now figure there is no need to meet beforehand so just head right to your spot for 2pm. I never got a chance to give you clipboards (which I'm sure you're very upset about not looking like an official park surveyor ;) but a book of course would do the trick and you will look way cooler than me. Sounds like we have our locations all nailed down now, which are:

#1 – Alan #2 – Brittany #3 – Emily #4 – Mandy

I think that's everything! Hope it all goes well, and can't wait to exchange notes on Monday!

Have a great weekend between now and then guys!

Emily

From: Dunlop, Emily

Sent: Friday, June 05, 2020 9:15 AM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: Stanley Park Seawall

Hi everyone,

I received confirmation from Doug so we can go ahead and proceed with the pedestrian counts on the Stanley Park seawall today (if you're all still available and able?) © I was actually thinking that since all four of us are available, we could all go and really expand our count area, but let me know if you're plans have changed.

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I am probably missing something, but just wanted to get this down for now. City of Vancouver - FOI 2020-420 - Page 1048 of 2377

Thank you, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

STANLEY PARK Pedestrian Counts - Sunday, June 7, 2020

Counter # & Name:

Methodology: It is best if you sit on the inside of the seawall facing the ocean, so pedestrians can be counted and deciphered between directions (right to left or left to right). Count peds (walkers and joggers) as single "|" below and as ++++. For Wheels - count *Roller Bladers* as "R"s, count *Skateboards* as "K"s and count *Scooters* as "S" and Wheelchair users as "W"

TIME	PEDS/WALKERS		JOGGERS		WHEELS!	
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)
2:00pm to 2:10pm						6
2:10pm to 2:20pm						
2:20pm to 2:30pm						
2:30pm to 2:40pm						
2:40pm to 2:50pm						
2:50pm to 3:00pm						
					the second	

STANLEY PARK Pedest	rian Counts - Sun	day, June 7, 2020	020 Counter # & Name:			
TIME	PEDS/	WALKERS	JOGGERS		WHEELS!	
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)
3:00pm to 3:10pm	5					
3:10pm to 3:20pm						
3:20pm to 3:30pm			-			
3:30pm to 3:40pm			-			
3:40pm to 3:50pm						
3:50pm to 4:00pm						

From:	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
To:	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>	
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	"Morris, Brittany" <brittany.morris@vancouver.ca></brittany.morris@vancouver.ca>	
Date:	6/8/2020 9:14:23 AM	
Subject:	RE: Stanley Park Seawall - Pedestrian Counts Summary	

Hi Emily,

I've added my data as well. I did not record bikes walking separately but they were captured with the walkers. I didn't record dogs (thought about it though but probably saw about 10).

Third beach was pretty busy! I would say guessing from a scan, there were probably about 300 people there.

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Duncan, Alan Sent: Monday, June 8, 2020 8:58 AM To: Dunlop, Emily; Yu, Mandy; Morris, Brittany Subject: RE: Stanley Park Seawall - Pedestrian Counts Summary

Hi Emily,

I entered the data. Two of the bikes were dads riding very slow with a small child in tow on rollerblades. I didn't record number of bikes being walked (some) or dogs (not lots) or strollers (lots and wagons with picnic/play stuff). The wheelchairs were actually motorized scooters with seniors.

Alan

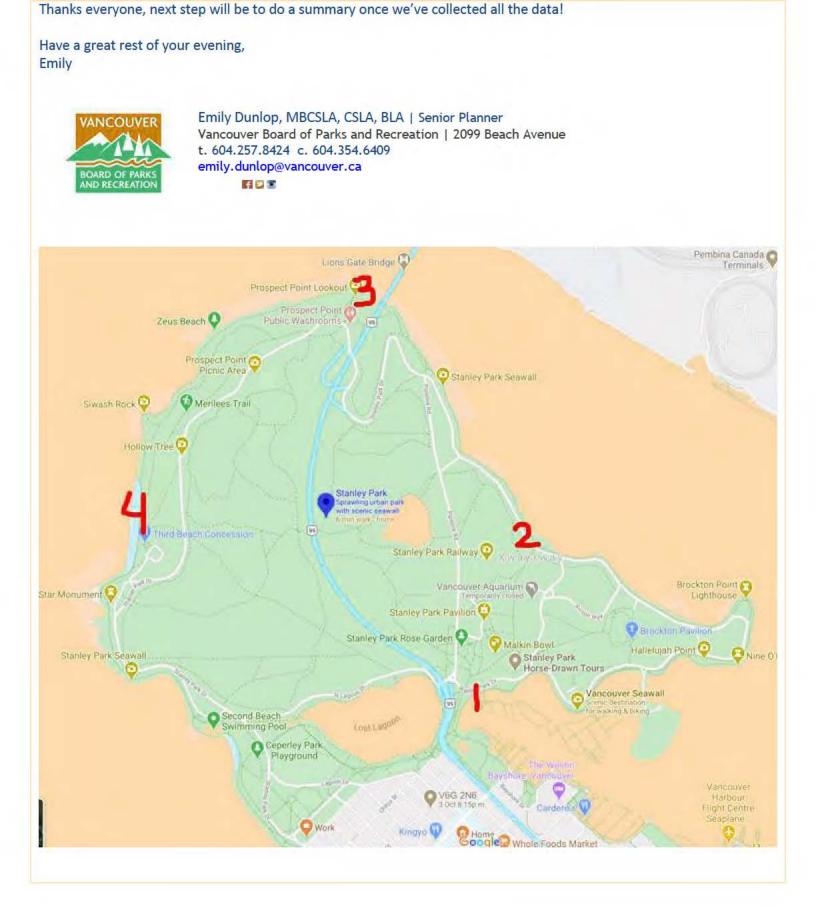
Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Sunday, June 7, 2020 6:42 PM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: Stanley Park Seawall - Pedestrian Counts Summary Importance: High

Hi everyone!

I hope your pedestrian counts went well today, and you got to at least enjoy some sunshine and nice views. I have created a summarizing spreadsheet so we can input all of our data (and have inserted mine already). When you have a moment tomorrow, would you mind inputting your data (into the yellow cells). I added all the columns that I needed for those extra features that I counted (wheelchairs, dogs, strollers, etc), so feel free to use those or own some more of your own if they are not represented. If it easier for you, you can also just scan and send in your scanned sheet to me via email Dwhatever is easier for you. I just ask that you keep your log sheets for now, in case we need to document our process, or anything like that.

The spreadsheet can be found here.



STANLEY PARK Pedestrian Counts - Sunday, June 7, 2020

Counter # & Name:

Methodology: It is best if you sit on the inside of the seawall facing the ocean, so pedestrians can be counted and deciphered between directions (right to left or left to right). Count peds (walkers and joggers) as single "|" below and as ++++. For Wheels - count Roller Bladers as "R"s, count Skateboards as "K"s and count Scooters as "S" and Wheelchair users as "W"

TIME	PEDS/WALKERS		JOGGERS		WHEELS!	
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)
2:00pm to 2:10pm						10.00
2:10pm to 2:20pm						
2:20pm to 2:30pm						
2:30pm to 2:40pm						
2:40pm to 2:50pm						
2:50pm to 3:00pm						

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STANLEY PARK Pedest	rian Counts - Sun	day, June 7, 2020	020 Counter # & Name:			
TIME	PEDS/	WALKERS	JOGGERS		WHEELS!	
	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)	L→ (clockwise)	← R (counter-clockwise)
3:00pm to 3:10pm	5					
3:10pm to 3:20pm						
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3:40pm to 3:50pm						
3:50pm to 4:00pm						

From:	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
	"Morris, Brittany" <brittany.morris@vancouver.ca></brittany.morris@vancouver.ca>	
Date:	6/5/2020 9:21:32 AM	
Subject:	RE: Stanley Park Seawall - Pedestrian Counts Today at 3pm!	

Hi Emily, still available.

The locations look good. A couple of ideas.

- Maybe rather than L and R perhaps Clockwise and Counterclockwise?
- Might be good to separate skaters from skateboards. It seems to me that skater numbers have gone down and skateboards up. It would be good to track that if we can.
- □ At Lumberman's Arch, it may be good to note how many people leave or enter the seawall there. Maybe too hard to track?
- Might be good to note wheelchair and scooter use.

Thanks, it should be nice this afternoon.

Alan

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Friday, June 5, 2020 9:15 AM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: Stanley Park Seawall - Pedestrian Counts Today at 3pm!

Hi everyone,

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Don't forget to bring weather protection (from the sun) and plenty of water!

I am probably missing something, but just wanted to get this down for now.

Thank you, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

httt

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To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>	
	"Morris, Brittany" <brittany.morris@vancouver.ca></brittany.morris@vancouver.ca>	
Date:	6/5/2020 9:49:53 AM	
Subject:	RE: Stanley Park Seawall - Pedestrian Counts Today at 3pm!	

Sounds good Emily. I can meet in front of the PB office at 2:30?

Looks like the weather changed on us with the clouds but will be good to go out anyway.

Mandy

Mandy Yu, Landscape Architect |Project Manager t. 604.404.5599

From: Dunlop, Emily Sent: Friday, June 5, 2020 9:15 AM To: Yu, Mandy; Duncan, Alan; Morris, Brittany Subject: Stanley Park Seawall - Pedestrian Counts Today at 3pm!

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Thank you, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

htt

From:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>	
Date:	5/5/2020 8:20:26 AM	
Subject:	SP FW: Cyclist data	
Attachments:	Reopening stats_May 4, 2020.docx	

Hi Emily, Amy, can you please look into this as soon as you get in.

Thanks Doug

From: Ulmer, Christine Sent: Tuesday, May 5, 2020 8:02 AM To: Bromley, Malcolm Cc: Shearer, Doug Subject: Cyclist data

Hi Malcolm,

Please disregard the file I just sent you. I just had a closer look at the cyclist data and the totals don¹ make sense, they are lower than usage at checkpoints so l¹ m not sure how to interpret that. Have copied Doug in here so he can provide some context as to what they mean. It's possible the checkpoints pick up individual cyclists more than once, but I'm not comfortable guessing on that. I'm sure Doug has the answer.

Thx,

С



Christine Ulmer | Senior Manager, Marketing & Communications Vancouver Park Board | 2099 Beach Avenue t. 604-654-0757 christine.ulmer@vancouver.ca

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	Visitors	Booking percentage (capacity)	Total Revenue
VanDusen Botanical Garden	Members: 638 Public: 979	Members: 100% Public: 89%	\$10,271
Fraserview Golf Course	456 Rounds	98% booked	\$26,857
McCleery Golf Course	436 Rounds	98% booked	\$24,370
			\$61,498

Upcoming Bookings (Percentage) May 4-17				
VanDusen Botanical Garden	Members: at 96% capacity Public: at 50% capacity			
Fraserview & McCleery Golf Course	Currently booked at 94% capacity (with more tee times opening up today)			

Themes & Anecdotal Feedback for VanDusen and Golf Reopen

- · Patrons and visitors respected the physical distancing, no safety issues or concerns arose
- Opportunity to increase capacity now that operations have been ironed out

	Friday	Saturday	Sunday
North Lagoon Dr at West end of Lost Lagoon	1576	433	1861
Stanley Park Dr at Second Beach	6063	1494	6479
Stanley Park Drive at Van. Rowing Club	4322	1023	4474
Estimated number of cyclists in park per day	5980~	1475~	6410~

Themes & Surveyor Feedback

- Typical peak hours for Stanley Park cycling:
 - Weekdays (Tues-Thu): 5 pm
 - Weekends (Sat-Sun): 2 pm
- Busiest day for cyclists since SP became vehicle-free, Saturday, April 18 with 11,322 cyclists

From:	RS311BI01@vancouver.ca
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	"Mochrie, Paul" <paul.mochrie@vancouver.ca></paul.mochrie@vancouver.ca>
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	"Kenny, Ryan" <ryan.kenny@vpd.ca></ryan.kenny@vpd.ca>
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	"Tynan, Katia" <katia.tynan@vancouver.ca></katia.tynan@vancouver.ca>
CC:	"Morzaria, Setal" <setal.morzaria@vancouver.ca></setal.morzaria@vancouver.ca>
	"Fanzega, Taryn" <taryn.fanzega@vancouver.ca></taryn.fanzega@vancouver.ca>
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	"Tsang, Wilson" <wilson.tsang@vancouver.ca></wilson.tsang@vancouver.ca>
	"Goranson, Jesse" <jesse.goranson@vancouver.ca></jesse.goranson@vancouver.ca>
and the second	"Powell, Julien" <julien.powell@vancouver.ca></julien.powell@vancouver.ca>
Date:	4/7/2020 4:30:12 AM
Subject:	Daily Coronavirus/COVID-19 report from 311 - CA59COV1

To request changes to this report subscription, such as adding or removing people from the distribution list, please submit a ticket here:

https://cov.service-now.com/cov?id=sc_cat_item&sys_id=75adcc5adb4b27404062e33648961998



CA59COV1 - CC

Shows COVID-19 detailed inform

Date Run Tuesday, Case Creation Date: From 4/6/ Case Type: COVID-1!

Interaction Volume

TYPE	W kl Total	Apr 1 2020	Apr 2 2020	Apr 3 2020	Apr 4 2020
COVID-19 - Business Community Support - City Inq	8	0	0	4	
COVID-19 - Business Community Support Case	12	0	2	3	
COVID-19 - Business Community Support -to Federal	2	0	0	1	
COVID-19 - Business Community Support -to Province	1	0	0	0	
COVID-19 - Give a Hand Inquiry	15	0	1	4	
COVID-19 - Social Distancing Inquiry	102	0	0	0	
COVID-19 - Violation of Park Facility Closure Case	271	37	18	48	
COVID-19 Case	659	105	83	99	(
COVID-19 Emergency Response Shelters	5	0	0	4	
COVID-19 Inquiry	499	92	67	91	(
COVID-19 Property Use Complaint Case	99	6	25	17	
COVID-19 Referral to 211	1	1	0	0	
COVID-19 Referral to 811	2	0	0	1	
COVID-19 Referral to Province	38	5	5	4	
COVID-19 Referral to VCH	22	5	5	2	
COVID-19 Referral to WorkSafeBC	23	1	4	12	
Type Total	1759	252	210	290	22

Case Topic Breakdown

	Subtopic	Count	As a percentage of Topic
Businesses	Refunds	City of Vancouver	- FØI 2020-420 - Page 1064 of 239.71 %
	12 1 V 21 0 10		

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4/7/2020 4:30:07 AM



CA59COV1 - CC

Shows COVID-19 detailed inform

Date Run Tuesday, Case Creation Date: From 4/6/

Case Type: CCVID-1

Parking	Fines	3	37.5%
	Public Messaging	1	12.5%
	Service Disruptions	2	25.0%
	Social Distancing	1	12.5%
Property Tax and Vacancy Tax		2	50.0%
	Fines	2	50.0%
Public Gatherings	Social Distancing	6	100.0%
Recreation and Community	Facility Closures	1	12.5%
Centres	Social Distancing	7	87.5%
Sanitation		1	50.0%
	Cleaning Measures	1	50.0%
Travel		1	25.0%
	Social Distancing	3	75.0%
Vancouver Coastal Health		2	33.3%
	Cleaning Measures	2	33.3%
	Social Distancing	2	33.3%
Total		64	

Case Details

Case #	Торіс	Subtopic	nquiry Type	Case Details	Want a Call Back?	Ad
101013908100	Homelessness		Opinion	As per citizen COV should provide more shelters for homeless people.	No	
				City of Vancouver EQI 2020 420		

101013	908102	Parking	Service Disruptions	Complaint	New parking regulations causing increasing problems in the West End!! I don't understand the cities reasoning behind lifting any parking regulations during Covid- 19, it is extremely counterproductive in areas close to parks and beaches, like the West End. Parking lots at parks have been closed for a reason, opening next door street parking for everyone is taking away the purpose and makes it difficult for those who purchased an annual parking pass to find parking in their own neighborhood. Please, please review and revise the decision about parking. I am part of the same group who started the 7pm cheer and I am proud and happy to be living in a community like the West End. Having people coming from all over GVA to go for a bike ride or stroll on the seawall, in Stanley Park or at beaches makes it very difficult to get out for a walk in my own neighborhood. The lifting of parking regulation is NOT encouraging people to stay home. Please revise the rules! I think parking should be limited to residents and delivery only - there is NO reason for any visitor to park on West End residential streets. I will try to go more public with this issue as I am sure it's also affecting other communities close to relational sites (Kits, UBC, Trout Lake) Thanks,	Νο
101013	908113	Parking	Service Disruptions	Complaint	S.22(1) Citizen is unhappy that there isnt enforcement in permit parking zones but she is asked to pay for a permit for a zone she may not be able to park within. She feels the department could have just let the permits expire then look into reissuing them after things return to normal. The citizen is going to pay for the permit even though it is of no benfit for her at this moment.	Νο
					City of Vancouver - FOI 2020-420	- Page 1067 of 2377

101013908124	Parking	Fines	Complaint	Something has to be done to prevent people from all over the ower mainland coming in to the West End every weekend to walk /ride the sea wall! Those of us iving here can't safely go for a walk. Somehow, please, keep people from the suburbs in the suburbs.	No
101013908179	Vancouver Coastal Health	Cleaning Measures	Complaint	Via Tell Us Online: I am concerned that the VPD and other police departments do not wear face masks and then they will spread COVID 19 to people they meet on a day to day basis.	Νο

101013908300	Businesses	Social Distancing	Complaint	On Saturday April 4th the Walmart Superstore was absolutely packed with people. No one was enforcing social distancing at all. People were shoulder to shoulder.	No	PS# ima(/> <a href: s.co marl 123. 0&ki N- 5Ssi =8u ='>< src= /maj marl 123. 0&ki N- 5Ssi =8u ='al heig href: /reqi /rr3 cstu /773</a
101013908301	Businesses	Social Distancing	Complaint	Via Tell Us Online: TnT on 1st and Renfrew was not practicing social distancing on Saturday when I went. There were at least 40 people in the fruits and veg deptmt. They had allowed too many people in.	Νσ	
101013908317	Businesses	Social Distancing	Complaint	Choices Markets at W 19th Ave and Cambie St - when entering /exiting there is a narrow opening, with the number of tills the only one operating is the one closest to exit/enter. This was brought to the attention of this grocery store f they could close this till and use the next one over, their remark was no. The citizen feels that the other tills are used as a queue to pay at the till. Referred the citizen to Vancouver Coastal Health.	No	
101013908372	Homelessness	Social Distancing	Complaint	Citizen said that at the CIBC branch at 4493 Main street there are homeless people sleeping in the private lobby of the bank where customers would access the bank machine. I advised that this is private property and that citizen can report to the bank so they can contact non emergency rod City of Vancouver + of 2020-420	No - Page 1069 of 2377	

				I am also creating a property use case.		
101013908399	Parking	Public Messaging	Opinion	Citizen would like to see the City put some public messaging in place to tell citizens that they should not be parking in neighbourhoods that they do not reside in. She would like the City to mandate 15 minute maximum parking when parking outside of your area.	No	
101013908471	Public Gatherings	Social Distancing	Complaint	Citizen reporting that they saw arge gatherings of people (over 50 people) at Mountainview Cemetary on Saturday and Sunday(April 4th and 5th).	No	
101013908525	Construction	Social Distancing	Complaint	There is sewer work being done in front of our house. A worker knocked on our door to ask if he could trim a bush to do the work. When we opened the door he was less than a foot away. We repeatedly asked him to step back so we could talk but he just kept coming closer, right to the doorway. The workers are clearly standing right beside each other and talking (no social distancing at all). No masks. The guy who came to the door had no clue. Just kept coming closer and closer despite me telling him to get off the porch.	No	PS# imaç /> <a href: s.co marl 123. 0&ki N- 5Ssi =jzll dpm src= /maţ marl 123. 0&ki N-</a
				City of Vancouver - FOI 2020-420	- Page 1070 of 2377	5Ssi =jzll

					dpm widt heig href /req /773 cstu /773
101013908535	Property Tax and Vacancy Tax	Information Capture	Citizen called to inquire if the property tax rate will remain increased at 7.2% or will the City be holding back from increasing the rate due to the pandemic.	Νο	

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CA59COV1 - CC

Shows COVID-19 detailed inform

Date Run Tuesday, Case Creation Date: From 4/6/

Case Type: CCVID-1!

Parking	Distancing	Complaint	I live in the west end and there are a lot of people from outside the west end coming here to frolic. They should not be here. also, we paid for permit parking and they are using our limited spaces. It's hard enough going outside to get fresh air in this densely- populated area and avoiding other residents. Now we have added to that other people who should be staying at their homes and their neighbourhoods.	Νο
Recreation and Community Centres	Social Distancing	Complaint	Since the dog parks have been closed, dog owners are now having their dogs off leash in the park, caller has a one year old, he cannot let her walk around the park as dogs are running around.	No
Businesses	Refunds	Opinion	Citizen expressed that they feel that the City should defer utility payments until later in the year for both businesses and private properties. Citizen expressed that due to the Pandemic cash flow has been meager for everyone and the City should defer utility payments due to this.	Yes
	Recreation and Community Centres	Recreation and Community Centres Social Distancing	Recreation and Community Centres Social Distancing Complaint	Businesses Refunds Opinion Citizen expressed that they feel that the City should defer utility payments until later in the year for both businesses and private properties. Citizen expressed that they feel that the City should defer utility

101013908638	Businesses	Social Distancing	Complaint	The Stanley Park Brewing Pub remains closed due to COVID-19 but is selling beer as take out, and as a result groups of people are congregating in Stanley park near the seawall. There are currently no groups of people but he advised it is a reoccuring issue every day in the afternoon.	No
101013908782	Travel	Social Distancing	Complaint	Citizen is very upset as he believes that translink is not maintaining social distancing on buses. Translink has put markings on various seats in an attempt to spread people out however he said the marking are far too few and actually creating a situation where the virus will spread becuase the chosen black out seats result in people sitting only a yard, or less than a yard away from one another. He wants the city, or whoever has authority over translink to force them to abide by the 2 meter rules. He believes what translink is doing is very dangerous for the spread of the virus.	No
101013908861	Homelessness	Cleaning Measures	Inquiry	David works for the Dugout drop n which helps feed homeless people in the DTES. He is asking for a hand washing station and toilet to be set up at their location.	Yes
101013909001	Property Tax and Vacancy Tax		Inquiry	The owner of this property lives in the states and cant get across the border to transfer money to pay this EHT amount. The caller is wondering if there is going to be any moving on the due dates back unti the criis is over. As also has no way to move the money.	No

101013909022	Vancouver Coastal Health	Cleaning Measures	Information Capture	Citizen concerned because she cleans up a communal gym at a condo strata building. She does not believe this is safe and wants more information etc. on the guidlelines regarding this for these types of buildings etc. as the gym is used often as lots of wipes are disposed etc. She says most people in the building are elderly and she is concerned for them as well as herself etc. She says the gym has a sign saying use at risk etc. but she is worried. *She also spoke to strata but wanted more information. Advised her feedback would be put through to COVID Leadership and to contact WorkSafeBC.	Νο
101013909110	Vancouver Coastal Health	Social Distancing	Complaint	 Please make (non-medical) masking mandatory for people in public. Given the risk of asymptomatic transmission that so many people are contagious when they feel healthy the imperfect protection of a 2 metre distancing that it's frankly difficult to maintain 2m in a lot of public spaces that we are in this for the long haul and the the growth in cases will now be from community spread Masking will allow people to continue to leave their homes for necessary exercise and errands while reducing risk to others. Masking needs to be normalized and done by everyone to reduce droplets, and until and especially when we start returning to work and school. 	Νο
101013909113	Public Gatherings	Social Distancing	Complaint	This weekend there were hundreds of people gathering at Graveley Street in the blocks between Windermere and Renfrew taking pictures of cherry blossoms. There is nowhere to report it, and no recourse for a resident that sees people gathering and milling about on the street in front of our homes.	Νο

101013909139	Parking	Fines	Complaint	I have just received a PAY NOW notice for an outstanding parking ticket. It is dated April 2. In the past I have always paid my parking tickets. HOWEVER in light of COVID epidemic, I have lost my income. There is no way I am paying this ticket anytime in the foreseeable future, I'm worrying about how I'm going to pay rent and groceries thank you very much. That the City of Vancouver s still sending out these threatening letters at a time like this is appalling. It is a stressful enough time as it is. To have the City of Vancouver chasing after people in a time of crisis because of minor parking offences is shameful. Please update your policies and get with the program. I will be happy to pay this ticket at t's original fine total (not with the time penalties), when I have ncome again. Until then PLEASE update your policies to reflect the current state of the world in a global pandemic crisis. Thank you.	No	
101013909235	Parking	Fines	Complaint	Citizen states she cant even afford her rent let alone a parking ticket. The citizen would like all fines placed on hold until the crisis is over . The callers ticket is FM52359 which has gone to the full amount.	No	
101013909295	Property Tax and Vacancy Tax	Fines	Inquiry	Citizen missed doing her vacancy tax declaration for this property. SHe said that the notice was sent to incorrect unit number but this is the unit number we have always had for her property taxes. Citizen is asking if the city can waive the bylaw fine notice because she can't afford to make payment due to COVID-19. Please follow up.	Yes	Orig Folic

101013909301	Businesses	Social Distancing	Complaint	On Friday, April 3rd, the Save on Foods had way too many customers inside so it was mpossible for social distancing. Self check stations out had 6 people way too close together, as well as a staff member. There should only be 3 self check outs open so it gives enough space between customers. Also, people were lining up at the cashiers, and people had to break through the ines to get into the aisles to shop. The City should do more to enforce social distancing inside of grocery stores.	Νο	
101013909365	Travel	Social Distancing	Opinion	There should be form of contact of who to report people who have ust arrived from out of country travel to Canada, and are not following the mandatory Quarintine Act of Canada. Why is there no where to report this?	Νο	
101013909410	Vancouver Coastal Health		Information Capture	Citizen went to get a bread slice at Safeway as they only pre-order etc. Also he says the deli shop is closed for meat but they are slicing meat for sandwhich meat and a hot display for chicken etc. He is wondering why they allow slicing of meat not the bread and not sanitizing. He says they are making big sandwhiches and not wearing a beard net. *He says VCH line was too busy. Advised citizen to contact them and this is only for information purposes. He says he spoke to the Manager etc. but again advised citizen to report it to VCH.	Νο	He hot thin is g goin the cov
101013909417	Public Gatherings	Social Distancing	Complaint	People are playing basketball in the lane, about 5 kids togehter, there is construction opposite the address, no social distancing is happening here, nothing is being enforced.	No	
101013909498	Businesses	Social Distancing	Complaint	Citizen wanted to put in a complaint for Southlands Nursery. They are not limiting the number of people going inside and they do not feel safe as a customer going in the cetto for the people of the safe 420	No - Page 1076 of 2377	

1º				feedback was submitted through Live Chat. The chat ended before information was able to be given in regards to the City not enforcing social distancing at this location.	
101013909573	Businesses	Social Distancing	Complaint	We are not doing enough in stores to allow appropriate social distancing. Two examples: Shoppers Drug Mart on Homer St and Urban Fare on Davie Street. Neither have instituted a one-way system for their aisles and neither are limiting the number of people in the store. The checkout line-up in both stores is particularly bad. There is not enough physical separation.	No
101013909662	Vancouver Coastal Health	Social Distancing	Inquiry	Hi there, covid question: hoping you can provide some info on how the city views the business activity of providing horse riding lessons during the covid pandemic. Equine Canada 'recommends' that barn and facility owners stop offering the service and that activity should be limited to essential care with limited people on property. My daughter teaches at a barn that is chosing to operate by providing lessons to both horse owners and students who do not own horses. In my mind this should be considered non essential as it poses an unecessary risk to potentially spread the virus and it also poses a risk due to possible accident / injuries that may require medical assistance. Appreciate yiur thoughts / direction. Regards, \$22(1)	Yes
101013909678	Homelessness		Inquiry	The following inquiry came through social media: "Hello there, I have Emergency Relief Beds (similar to hospital beds, just a more basic, non- powered design) with a head that raises to 50 degrees, I.V. pole, lockable casters, removable side rails, made of durable aluminum right here in Canada. I can provide approximately 1000 beds per week from manufacturing and distribution centers across Ontario and Quebec. I can provide a bulk discount price specific to COVID- 19 relief as I understand the need is urgent in homeless and temporary COVID-19 shelters. Within 10 business days, I can have roughly 1000 beds made City of Vancouver - Fol 2020-420	Yes - Page 1077 of 2377

2					and I can ship them wherever they are needed, shipping included in the price. Beds include a mattress with anti-bacterial and waterproof cover. With nearly unlimited manufacturing capability with aluminum, the only limit is roughly 1000 beds per week. Is this something Vancouver could use? If so, please contact for pricing: \$.22(1)) Best regards, \$.22(1)		
	101013909702	Travel		Information Capture	On facebook: \$22(1) Returned via International YVR. Boatsted on facebook that there was no one there to check him out or tell him about the quarantine and that this Covid 19 is a farce. He has since edited his post but I think he will no self quarentinte. Sorry thats all the info I have on him. Regards \$22(1)	No	PS# imag /> <a href: s.co mari 123. 0&ki N- 5Ssi =No 05ei src= /maj mari 123. 0&ki N- 5Ssi =No 05ei widt heig href: /reqi /773 cstu /773</a
	101013909764	Construction	Social Distancing	Complaint	I live on West 13th in Kitsilano with a lot of house construction in the neighbourhood. The workmen do not seem to be practicing social distancing! I've seen people within a foot of each other regularlyHouse is on W. 13th near MacKenzie - <mark>8.22(1)</mark> However I have seen this everywhere. Also have seen traffic directors (where streets are being repaired) also looking like they are too close together. It seems very strange.	No	
	101013909768	Construction		Complaint	Citizen feels he is being held hostage from all the construction noise. He said he has high anxiety as a result of the noise he can hear across the street. Citizen would like to speak to someone about this. He wants to know why it's allowed to be allowed to go on in downtown Vancouver in a City of Vancouver - For 2020-420	Yes - Page 1078 of 2377	

				densely populated area during a global pandemic.		
				Noise is being operated within the allowable times. Citizen is upset that this is being allowed during the COVID-19 pandemic. Citizen wants some good positive things on what he can do to mitigate this situation.		
101013909784	Construction	Enforcement of Closures	Complaint	Received VIA Live Chat: "Please please please institute a ban on power tool construction in residential neighbourhoods during this covid shutdown. There is NOWHERE FOR ME TO GO to get away from the noise of my neighbour's construction. I am forced to leave my home for any peace! I'm being asked to do something extraordinary and I am complying. My work has shut down and I am sheltering in place. But this is causing serious mental distress."	No	
101013909804	Recreation and Community Centres	Social Distancing	Opinion	Please close the seawall. Its ridiculously busy for this pandemic. All those runners breathing heavily with their mouths open polluting the airstrollers, families, groups of teenagers. People think this is a holiday. Close the damn seawall already!	No	
101013909833	Vancouver Coastal Health		Opinion	I have always appreciated the hard work that health care workers do. Through difficult times they are strong willed and will get through . I hope this is a esson learned to government health officials to stock up on medical supplies for future. I hope this pandemic ends by the time summer is here. People looking for work	No	
101013909848	Public Gatherings	Social Distancing	Complaint	we need to have someone come by, there are about 10 kids out there every day from several different families. no one is social distancing, we need someome to come by and let the parents know the correct way to do the quarantine, which is not ignoring it.	No	PS# imag /> <a hreft s.co mari 123. 0&kt N- 5Ss =tilb QTk</a
					- Page 1079 of 2377	src=

					12 08 N- 5S =tl QT with he hre /re /77 csi /77
101013909922	Construction		Complaint	Citizen thinks that construction should not be allowed because it s driving all the people that have to stay home mad.	No
101013909948	Sanitation	Cleaning Measures	Opinion	Caller would like to suggest the city do street cleaning this spring to help with any sanitizing measures and to remove any extra litter from the streets, such as gloves and masks.	No
CITY_EXCHAN	GE\\AVGAC		3 4	4/7/2020 4:30	:07 AM



CA59COV1 - CC

Shows COVID-19 detailed inform

Date Run Tuesday, Case Creation Date: From 4/6/

Case Type: CCVID-1!

101013909980	Businesses	Social Distancing	Complaint	Kins Market 1057 Denman Street has no social distancing enforcement in place and it it overcrowded, with no restriction on number of shoppers. I was there yesterday and it was so unsafe.	No	
101013909982	Essential Services	Cleaning Measures	Information Capture	Laurie is very concerned with the use of Shaw Mobi bikes being used in the City, especially with the long easter weekend coming up with predicted sunny weather. Citizen spoke to a representative at BikeShare who claimed the mobi-bikes are listed as an essential service to dissuade public transit use and that all mobi bike users have been notified to use hand sanitizer during and after use. Laurie is more concerned with the sanitation of the actual bikes after each person's use and that despite BikeShare notifying the public to take proper health measures, it is ultimately up to that individual to follow through (some citizens will be more responsible than others). Citizen believes mobi-bikes are breeding ground carriers especially since the virus can survive on metal surfaces for several days.	No	Bike not defin bike thro
101013910017	Homelessness	Social Distancing	Complaint	Caller is unhappy the city is not forcing people on E Hastings to social distance, as they feel under a state of emergency, they city and police should be able to force people to adhere.	No	

101013910039	Recreation and Community Centres	Social Distancing	Opinion	Implement one-way walking rules around all parks/trails to reduce contact with others.	No PS: ima />< hre s.cc ma %2 123 0x3
					003 7N- 559 =x2 qcV src: /ma ma %2 123 0x3 7N- 559 =x2 qcV wid hei hre /rec /77 cst
101013910056	Housing		Opinion	Citizen believes that during this crisis, air bnb should either be monitored more closely by the department or rentals should not allowed at this time. Unit 304 in the building was a party house and there were way too many people occupying it. The citizen is concerned about the people using the units and if they could potentially be sick.	I77 No
101013910100	Travel	Social Distancing	Complaint	Caller is unhappy there is no enforcement of the isolation of people returning from traveling. Caller says tenants in unit 304 returned from Dubai but have not solated and is very frustrated.	No
101013910104	Public Gatherings	Social Distancing	Complaint	Complaint regarding lack of response from VPD in regards to illegal vending in DTES: Citizen said that she called VPD to report a large "market" on the sidewalk in front of 58 W	No D - Page 1082 of 2377

			Hastings, where a number of llegal street vendors have gathered. She said that the police advised her to call the City for this but the City advises that this area s under the jurisdiction of Vancouver Police. She said that there is a lot of back & forth, but at the end of the day, no one is coming. She said that the onus is on the residents to call 3-4 times a day. She said that there is no social distancing here and that they are the ones at risk. The entire sidewalk is blocked as well as part of the bus lane. She said that people are walking in the bus ane because the entire sidewalk s blocked. She has never seen anyone from the City down here breaking up crowds. She has even witnessed people laying in the bus lane and is concerned that someone will get killed here.		
Recreation and Community Centres	Social Distancing	Information Capture	I hope I'm not the first to point out that the social distancing sign displayed on your website for a park may have the wrong distance. I believe distance is 2m nside to inside, not outside to outside. Lol	No	Rec 139(
Businesses	Social Distancing	Complaint	This Kent's Kitchen take out restaurant is becoming crowded with customers. The restaurant staff are not providing a safe environment for customers to pick up food. Customers are crowding the counter shoulder to shoulder with no social distancing. Please send ByLaw immediately to deal with this.	No	PS# ima(/> <a href: s.co marl 123. &ke - 5Ssi =X1 AMF src= /maj marl 123. &ke - 5Ssi =X1 AMF wid heig href: /req /773</a
	Community Centres	Community Distancing Centres Businesses Social	Community Centres Distancing Capture Businesses Social Complaint	Ilegal street vendors have gathered. She said that the police advised her to call the City for this but the City advises that this area s under the jurisdiction of Vancouver Police. She said that there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at there is a lot of back & forth, but at they are the ones at risk. The entire sidewalk is blocked as well as part of the bus lane. She said that people are walking in the bus ane because the entire sidewalk is blocked. She has never seen anyone from the City down here breaking up crowds. She has even withessed people laying in the bus lane and is concerned that someone will get killed here.Recreation and Community CentresSocial DistancingInformation CaptureI hope I'm not the first to point out that the social distancing sign displayed on your website for a park may have the wrong distance. I believe distance is 2m nside to inside, not outside to outside. LolBusinessesSocial DistancingComplaintThis Kent's Kitchen take out restaurant is becoming crowded with customers. The restaurant staff are not providing a safe environment for customers are crowding the counter shoulder to shoulder with no social distancing. Please send ByLaw immediately to deal	Ilegal street vendors have gathered. She said that the police advised her to call the City for this but the City advises that this area s under the jurisdiction of Vancouver Police. She said that there is a lot of back S torth. but at there is a lot of back S torth. but at there is a lot of back S torth. but at there is a lot of back S torth. but at there is a lot of back S torth. but at there are the ones at risk. The entire sidewalk is blocked as well as part of the bus lane. She said that people are walking in the bus ane because the entire sidewalk is blocked. She has never seen anyone from the City down here breaking up crowds. She has rever seen anyone from the City down here breaking up crowds. She has never seen anyone from the City down here breaking up crowds. She has never seen anyone the bus lane and is concerned that someone will get killed here.NoRecreation and Community CentresSocial DistancingInformation CaptureI hope I'm not the first to point out that the social distancing sign displayed on your website for a park may have the wrong distance. I believe distance is 2m nside to inside, not outside to outside. LoiNoBusinessesSocial DistancingCompiaint This Kent's Kitchen take out restaurant is becoming crowded with customers are crowding the courter shoulder to shoulder with no social distancing. Please send the down on social distancing. Please send thy to deal

101013910462	Recreation and Community Centres	Social Distancing	Complaint	Just want to say i was walking with a friend yesterday, april 5th at the park where Hillcrest community centre s situated, in the afternoon at about 3pm or so. On the north west corner of Hillcrest park is the hillcrest mini turf field . It is by the corner of Midlothian and Dinmont, and if you go to NW corner you will see it. There were about 8 guys aged 30ish who were playing american football , so touching the ball constantly with their hands and not having any distancing between them at all when playing or stopping to socialize. At the other end of the mini field were 2 separate families kicking a soccer ball with their young kids. Perhaps this mini turf field should be checked out by parks board people on a sunny weekend, as these guys are not being responsible with regards to the virus guidelines.	
101013910468	Construction	Social Distancing	Complaint	Is there a specific reason construction is deemed to be an essential service? The workers at Cressey's construction site (corner of Cook and W 1st Ave) certainly don't practice social distancing, so curious why there seems to be a double standard.	Νο
101013910520	Housing		Complaint	I live in an sro on powell. Management says we cannot keep the fire doors open as per bylaws. Tenants are not pumped about having to open 4 doors anytime they leave and come back. That is a lot of extra risk of covid on a daily basis, and could spread the virus a lot more. This is a health crisis, i dont think the fire doors being closed should be the current rule. Everything is geared towards fighting the spread of the virus right now, so the door thing seems dangerous to our health.	No
101013910536	Construction	Social Distancing	Opinion	Mayor and CouncilPlease close construction sites. The crew cannot always "social distance" putting them and neighbourhoods at jeopardy, Stop it now!	No
				City of Vancouver - FOI 2020-420	Date 1084 of 2377

101013910554	Parking		Complaint	Please return to parking enforcement in the West End. I live near English Bay at Stanley Park and this past weekend our streets and parking lots were filled with vehicles. This is unusual and indicative of many people coming into our neighbourhood from other areas. The announcement that parking restrictions were eased meant that people felt that coming to Stanley Park was a great idea. They need to stay home. The West End has the highest concentration of seniors and I'm one of them. We need the City to help us stay safe by discouraging visitors.	Νο	
101013910634	Property Tax and Vacancy Tax	Fines	Inquiry	Caller wanted to know if he is unable to find a renter because of COVID-19 after getting a business licence will there be leniency for the 2020 declaration. Caller has just moved out and is getting a business licence but has had no luck yet getting a renter.	No	
101013910715	Public Gatherings	Social Distancing	Opinion	5.22(1) feels very strongly that the City is not taking things seriously and going forward should be enforcing social distancing. He contacted the VPD for his neighbors who are having guests in and out of the place. He feels there should be fear put in for people to comply with social distancing. The City should not merely suggest following the recommendations.	No	
101013910720	Recreation and Community Centres	Facility Closures	Inquiry	Via TUO: Does the Parks Board have any plan to compensate Lot 62 Oct - Apr 20 Season Pass holders from the time the tennis courts were closed due COVID 19. Does the VPB have any policy changes with regard to LOT 62 Seasonal Passes due to COVID 19. Thank you.	Yes	1390

101013910733	Recreation and Community Centres	Social Distancing	Complaint	I live by the seawall in Yaletown and since it's got sunny the amount of people using the seawall right now is insane!! No 2m ruleno social distancing. It's a little bit worrying to be honest and I wanted to report it as we face challenging times. This is at Marinaside Crescent at the bottom of Davie St on the seawall. I now don't walk after 8am and before 8.30pm as it's so busy. This weekend was crazy. People out drinking on benches last night as well. All feels a bit hazardous and rresponsible. Please close it down.	No	
101013910780	Recreation and Community Centres	Social Distancing	Opinion	Please put yellow tape on benches along sides of trails on the seawall. When people sit on them they crowd together, and also create bottlenecks on the trails.	No	PS# imag /> <a href: s.co marl 00& - 5Ssi =rSI X2ll src= /maj marl 00& - 5Ssi =rSI X2ll widt heig href: /requ /773 cstu /773</a
101013910877	Sanitation		Inquiry	Caller was looking for clarity on the new restrictions related to personal hygience items going into the green bin. He was wanting to clarify if a paper towel which was used for something other than personal hygiene (ie wiping up a spill on the floor) is still allowed in the green bin.Alternatively, is the ban aimed at all paper products in the green bin including napkins, paper plates, etc. Caller questioned how a paper towel would pose a higher risk than say an apple core than someone has clearly chewed on or chicken wings, etc. He would appreciate more detailed /specific items listed on the websfiely of Vancouver - FOI 2020-420	No - Page 1086 of 2377	

101013910951	Businesses	Social	Complaint	This church held a small gathering	No	PS#
and the second second	1.000	Distancing	and the second	yesterday (Sunday).	le.	imaç
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						cstu /773
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CITY_EXCHANGE\\AVGAC

4 4

4/7/2020 4:30:07 AM

City of Vancouver - FOI 2020-420 - Page 1087 of 2377

The report is accessible at the following address:

http://cov311bi/ReportServer?%2FLaganProductionEnterpriseReports%2FCase%20(Request%20For% 20Service)%2FCA59COV1%20-%20COVID-19%20Case%20Details&rs%3AParameterLanguage=en-US

From:	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
Date:	5/4/2020 3:33:35 PM
Subject:	FW: Stanley Park Bike Data
Attachments:	Stanley Park Bike Data - April 30 to May 3.xlsx

Can we please have someone visualizing this data on a weekly basis. s.13(1)

Looking forward to see this later this week.

Also where is the data from closing date to April 29th? thanks

Dave Hutch | Director, Planning and Park Development Vancouver Board of Parks and Recreation

From: Shearer, Doug Sent: Monday, May 04, 2020 2:43 PM To: Ulmer, Christine Cc: Hutch, Dave Subject: FW: Stanley Park Bike Data Importance: High

Hi Christine, here is the data up to yesterday (attached spreadsheet) do you need it wrapped up better than this? I don know how the data been presented / reported out on before.

Let me know, Thanks doug

From: Dunlop, Emily Sent: Monday, May 4, 2020 12:54 PM To: Shearer, Doug; Hutch, Dave Subject: Fwd: Stanley Park Bike Data

Sent from my iPhone

Begin forwarded message:

From: "Pablo, Joshua" <Joshua.Pablo@vancouver.ca> Date: May 4, 2020 at 12:00:40 PM PDT To: "Dunlop, Emily" <Emily.Dunlop@vancouver.ca> Cc: "Bonderud, Erik" <Erik.Bonderud@vancouver.ca> Subject: Stanley Park Bike Data

\u-257 ? Hi Emily,

Attached is the bike data since the new counter at N Lagoon Dr. was installed on April 30, 2020. Please note that the N Lagoon counter is missing some AM due on April 30 due to it being set up that day.

If you have any questions please let me know.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Tel: 604.829.4344 | e-mail: joshua.pablo@vancouver.ca

5.4			
Date Thu 30 Apr 2020 00:00		EC02tanley Park Drive at Second Beach - ECO2tanl 0	
Thu 30 Apr 2020 00:00 Thu 30 Apr 2020 01:00	0 0	0	0 0
Thu 30 Apr 2020 02:00	0	0	0
Thu 30 Apr 2020 03:00	0	1	0
Thu 30 Apr 2020 04:00	0	0	0
Thu 30 Apr 2020 05:00	0	9	5
Thu 30 Apr 2020 06:00	0	66	66
Thu 30 Apr 2020 07:00	0	192	173
Thu 30 Apr 2020 08:00	0	258	153
Thu 30 Apr 2020 09:00	107 124	276	192 247
Thu 30 Apr 2020 10:00 Thu 30 Apr 2020 11:00	177	356 472	349
Thu 30 Apr 2020 11:00 Thu 30 Apr 2020 12:00	168	436	343
Thu 30 Apr 2020 13:00	155	501	354
Thu 30 Apr 2020 14:00	176	527	366
Thu 30 Apr 2020 15:00	196	525	435
Thu 30 Apr 2020 16:00	269	669	555
Thu 30 Apr 2020 17:00	293	722	604
Thu 30 Apr 2020 18:00	248	741	561
Thu 30 Apr 2020 19:00	133	559	349
Thu 30 Apr 2020 20:00	47	289	95
Thu 30 Apr 2020 21:00	8 3	46 17	10 4
Thu 30 Apr 2020 22:00 Thu 30 Apr 2020 23:00	2	1	4
Fri 1 May 2020 00:00	1	1	2
Fri 1 May 2020 01:00	3	2	0
Fri 1 May 2020 02:00	0	1	0
Fri 1 May 2020 03:00	0	0	0
Fri 1 May 2020 04:00	1	2	1
Fri 1 May 2020 05:00	4	6	8
Fri 1 May 2020 06:00	38	84	91
Fri 1 May 2020 07:00	93	218	183
Fri 1 May 2020 08:00	68 85	223	157
Fri 1 May 2020 09:00 Fri 1 May 2020 10:00	85 102	261 312	200 269
Fri 1 May 2020 10:00 Fri 1 May 2020 11:00	141	412	203
Fri 1 May 2020 12:00	152	412	345
Fri 1 May 2020 13:00	131	521	331
Fri 1 May 2020 14:00	162	556	416
Fri 1 May 2020 15:00	120	661	436
Fri 1 May 2020 16:00	138	608	482
Fri 1 May 2020 17:00	156	626	448
Fri 1 May 2020 18:00	90	516	368
Fri 1 May 2020 19:00	67	353	222
Fri 1 May 2020 20:00	21	220	63
Fri 1 May 2020 21:00	0 2	45	6 6
Fri 1 May 2020 22:00 Fri 1 May 2020 23:00	1	18 5	4
Sat 2 May 2020 00:00	0	8	0
Sat 2 May 2020 01:00	0	0	0
Sat 2 May 2020 02:00	0	0	1
Sat 2 May 2020 03:00	1	0	1
Sat 2 May 2020 04:00	0	0	0
Sat 2 May 2020 05:00	1	2	0
Sat 2 May 2020 06:00	8	17	11
Sat 2 May 2020 07:00	19	62	47
Sat 2 May 2020 08:00 Sat 2 May 2020 09:00	54 44	174 132	133 113
Sat 2 May 2020 09:00 Sat 2 May 2020 10:00	22	56	47
Sat 2 May 2020 10:00	33	74	62
Sat 2 May 2020 11:00	37	88	66
Sat 2 May 2020 13:00	22	77	57
Sat 2 May 2020 14:00	12	67	36
Sat 2 May 2020 15:00	15	37	35
Sat 2 May 2020 16:00	32	111	62
Sat 2 May 2020 17:00	13	58	37
Sat 2 May 2020 18:00	26 45	93 170	67 133
Sat 2 May 2020 19:00 Sat 2 May 2020 20:00	45 44	170 209	133 99
Sat 2 May 2020 20:00 Sat 2 May 2020 21:00	5	49	13
Sat 2 May 2020 21:00	0	6	3
Sat 2 May 2020 23:00	0	4	0
Sun 3 May 2020 00:00	0	1	0
Sun 3 May 2020 01:00	0	0	1
Sun 3 May 2020 02:00	0	2	0
Sun 3 May 2020 03:00	0	0	0
Sun 3 May 2020 04:00	0	0	0
Sun 3 May 2020 05:00	0	2	2
Sun 3 May 2020 06:00	16	31	19
Sun 3 May 2020 07:00 Sun 3 May 2020 08:00	49 69	95 221	95 181
Sun 3 May 2020 08:00 Sun 3 May 2020 09:00	69 149	352	258
Sun 3 May 2020 10:00	210	497	384
Sun 3 May 2020 11:00	198	604	447
Sun 3 May 2020 12:00	204	646	509
Sun 3 May 2020 13:00	163	607	436
Sun 3 May 2020 14:00	124	450	304
Sun 3 May 2020 15:00	143	592	410
Sun 3 May 2020 16:00	160	623	463

Sun 3 May 2020 17:00	133	557	374
Sun 3 May 2020 18:00	109	436	267
Sun 3 May 2020 19:00	86	444	235
Sun 3 May 2020 20:00	38	256	80
Sun 3 May 2020 21:00	8	50	5
Sun 3 May 2020 22:00	1	7	3
Sun 3 May 2020 23:00	1	6	1

From:	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
To:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
CC:	"Bonderud, Erik" <erik.bonderud@vancouver.ca></erik.bonderud@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/5/2020 9:06:39 AM
Subject:	FW: Stanley Park Bike Data
Attachments:	Stanley Park Bike Data - April 30 to May 3.xlsx

Hi Joshua,

Our GM had some questions about the numbers we sent. Yesterday when we spoke, you indicated that adding the Lagoon numbers with the Rowing Club numbers would give you a similar total to Second Beach, and that we should use the average of these 2 counts (Second Beach & Lagoon + Rowing) to get the daily totals. You had mentioned that the numbers differ at each station because of how the cyclists are using the road system. Could you quickly summarize your thoughts on how they're using the roads and why the counts are so different at each station so I can make sure I'm passing the correct information on? Thanks so much!

Thanks so r

Amy

From: Shearer, Doug Sent: Monday, May 4, 2020 2:46 PM To: Gore, Amy Subject: FW: Stanley Park Bike Data Importance: High

Amy can you call me when you get this, thanks

Doug 604-340-5922

From: Shearer, Doug Sent: Monday, May 4, 2020 2:43 PM To: Ulmer, Christine Cc: Hutch, Dave Subject: FW: Stanley Park Bike Data Importance: High

Hi Christine, here is the data up to yesterday (attached spreadsheet) do you need it wrapped up better than this? I don know how the data been presented / reported out on before.

Let me know, Thanks doug

From: Dunlop, Emily Sent: Monday, May 4, 2020 12:54 PM To: Shearer, Doug; Hutch, Dave Subject: Fwd: Stanley Park Bike Data

Sent from my iPhone

Begin forwarded message:

From: "Pablo, Joshua" <Joshua.Pablo@vancouver.ca> Date: May 4, 2020 at 12:00:40 PM PDT To: "Dunlop, Emily" <Emily.Dunlop@vancouver.ca> Cc: "Bonderud, Erik" <Erik.Bonderud@vancouver.ca> Subject: Stanley Park Bike Data

\u-257 ? Hi Emily,

Attached is the bike data since the new counter at N Lagoon Dr. was installed on April 30, 2020. Please note that the N Lagoon counter is missing some AM due on April 30 due to it being set up that day.

If you have any questions please let me know.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Tel: 604.829.4344 | e-mail: joshua.pablo@vancouver.ca

5.4			
Date Thu 30 Apr 2020 00:00		EC02tanley Park Drive at Second Beach - ECO2tanl 0	
Thu 30 Apr 2020 00:00 Thu 30 Apr 2020 01:00	0 0	0	0 0
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Thu 30 Apr 2020 03:00	0	1	0
Thu 30 Apr 2020 04:00	0	0	0
Thu 30 Apr 2020 05:00	0	9	5
Thu 30 Apr 2020 06:00	0	66	66
Thu 30 Apr 2020 07:00	0	192	173
Thu 30 Apr 2020 08:00	0	258	153
Thu 30 Apr 2020 09:00	107 124	276	192 247
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Thu 30 Apr 2020 19:00	133	559	349
Thu 30 Apr 2020 20:00	47	289	95
Thu 30 Apr 2020 21:00 Thu 30 Apr 2020 22:00	8 3	46 17	10 4
Thu 30 Apr 2020 22:00	2	1	1
Fri 1 May 2020 00:00	- 1	1	2
Fri 1 May 2020 01:00	3	2	0
Fri 1 May 2020 02:00	0	1	0
Fri 1 May 2020 03:00	0	0	0
Fri 1 May 2020 04:00	1	2	1
Fri 1 May 2020 05:00	4	6	8
Fri 1 May 2020 06:00	38	84	91 182
Fri 1 May 2020 07:00 Fri 1 May 2020 08:00	93 68	218 223	183 157
Fri 1 May 2020 08:00 Fri 1 May 2020 09:00	68 85	223 261	200
Fri 1 May 2020 10:00	102	312	269
Fri 1 May 2020 11:00	141	412	284
Fri 1 May 2020 12:00	152	412	345
Fri 1 May 2020 13:00	131	521	331
Fri 1 May 2020 14:00	162	556	416
Fri 1 May 2020 15:00	120	661	436
Fri 1 May 2020 16:00	138	608	482
Fri 1 May 2020 17:00	156	626	448
Fri 1 May 2020 18:00	90	516	368
Fri 1 May 2020 19:00	67 21	353 220	222 63
Fri 1 May 2020 20:00 Fri 1 May 2020 21:00	0	45	6
Fri 1 May 2020 22:00	2	18	6
Fri 1 May 2020 23:00	_ 1	5	4
Sat 2 May 2020 00:00	0	8	0
Sat 2 May 2020 01:00	0	0	0
Sat 2 May 2020 02:00	0	0	1
Sat 2 May 2020 03:00	1	0	1
Sat 2 May 2020 04:00	0	0	0
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Sat 2 May 2020 07:00	54	174	133
Sat 2 May 2020 09:00	44	132	113
Sat 2 May 2020 10:00	22	56	47
Sat 2 May 2020 11:00	33	74	62
Sat 2 May 2020 12:00	37	88	66
Sat 2 May 2020 13:00	22	77	57
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Sat 2 May 2020 18:00 Sat 2 May 2020 17:00	13	58	37
Sat 2 May 2020 17:00 Sat 2 May 2020 18:00	26	93	67
Sat 2 May 2020 19:00	45	170	133
Sat 2 May 2020 20:00	44	209	99
Sat 2 May 2020 21:00	5	49	13
Sat 2 May 2020 22:00	0	6	3
Sat 2 May 2020 23:00	0	4	0
Sun 3 May 2020 00:00	0	1	0
Sun 3 May 2020 01:00	0 0	0 2	1 0
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Sun 3 May 2020 03:00	0	0	0
Sun 3 May 2020 05:00	0	2	2
Sun 3 May 2020 06:00	16	31	19
Sun 3 May 2020 07:00	49	95	95
Sun 3 May 2020 08:00	69	221	181
Sun 3 May 2020 09:00	149	352	258
Sun 3 May 2020 10:00	210	497	384
Sun 3 May 2020 11:00	198	604	447
Sun 3 May 2020 12:00	204	646	509
Sun 3 May 2020 13:00	163 124	607 450	436 304
Sun 3 May 2020 14:00 Sun 3 May 2020 15:00	124	450 592	304 410
Sun 3 May 2020 15:00 Sun 3 May 2020 16:00	143	623	410 463
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Sun 3 May 2020 17:00	133	557	374
Sun 3 May 2020 18:00	109	436	267
Sun 3 May 2020 19:00	86	444	235
Sun 3 May 2020 20:00	38	256	80
Sun 3 May 2020 21:00	8	50	5
Sun 3 May 2020 22:00	1	7	3
Sun 3 May 2020 23:00	1	6	1

From:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
To:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
Date:	5/4/2020 12:53:39 PM
Subject:	Fwd: Stanley Park Bike Data
Attachments:	image001.jpg
	ATT00001.htm
	Stanley Park Bike Data - April 30 to May 3.xlsx
	ATT00002.htm

Sent from my iPhone

Begin forwarded message:

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Regards,

Joshua Pablo

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5.4			
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Fri 1 May 2020 17:00	156	626	448
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Sun 3 May 2020 17:00	133	557	374
Sun 3 May 2020 18:00	109	436	267
Sun 3 May 2020 19:00	86	444	235
Sun 3 May 2020 20:00	38	256	80
Sun 3 May 2020 21:00	8	50	5
Sun 3 May 2020 22:00	1	7	3
Sun 3 May 2020 23:00	1	6	1

From:	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
Date:	6/3/2020 9:58:45 AM	
Subject:	Updated Cycling Data	
Attachments:	SP Road Reallocation - Cycling Per Day graphic_200531.pdf	

Hi Emily,

Updated cycing data is attached and saved in this folder:

\\\\city_exchange\\shares\\Park Board\\Beach Admin\\Planning\\Planning & Research\\Parks\\Stanley Park\\SP Comprehensive Plan\\10.0_current_projects\\SP_RR&R Strategy\\3_presentations\\2020-05-26_SLT Update



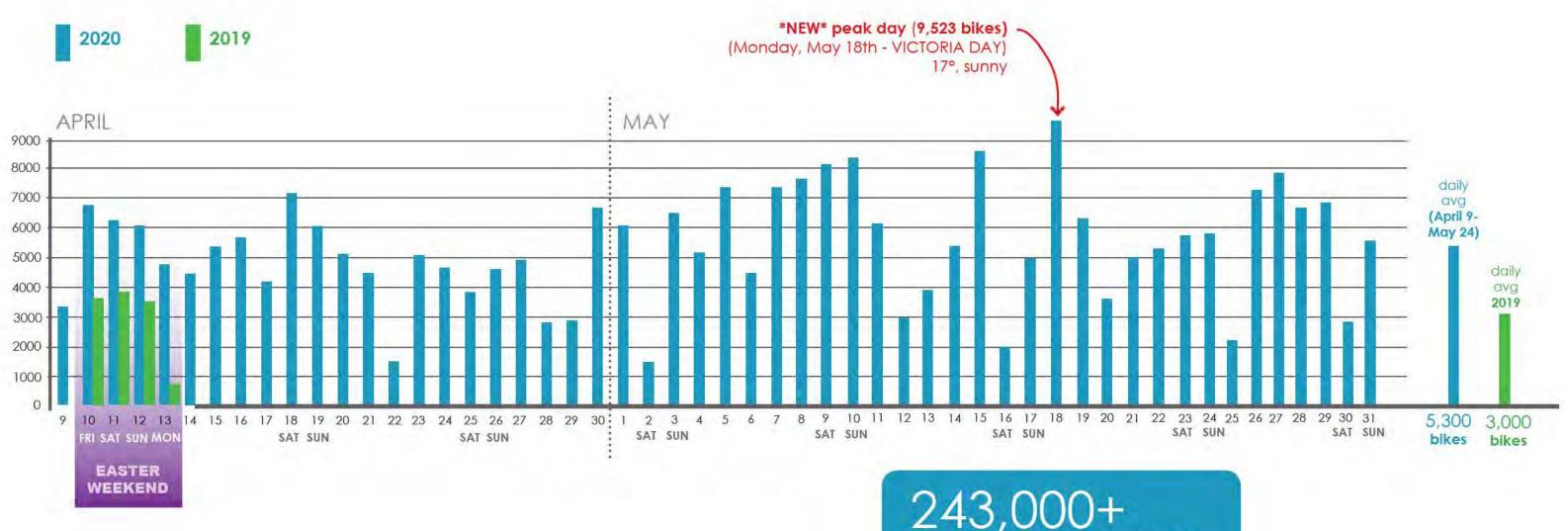
Mandy Yu, Landscape Architect | Project Manager Vancouver Park Board | 2099 Beach Avenue t. 604.257.8403 c. 604.404.5599

I am grateful to live and work on the unceded, ancestral territories of the Musqueam, Squamish and Tsleil-Waututh Nations

CYCLISTS IN STANLEY PARK

PER DAY SINCE ROAD REALLOCATION

April 9th to May 31st, 2020



TOTAL CYCLISTS THROUGH STANLEY PARK SINCE ROAD CLOSURES (April 9 - May 24th)

5,30 DAILY AVERAGE OF BIKES DURING ROAD CLOSURES (April 9 - May 17th) compared to

3,000 DAILY AVERAGE OF BIKES in 2019



City of Vancouver - FOI 2020-420 - Page 1101 of 2377

From:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
To:	"Bromley, Malcolm" <malcolm.bromley@vancouver.ca></malcolm.bromley@vancouver.ca>
CC:	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/15/2020 1:18:10 PM
Subject:	SP bike data as of Monday May 11
and fame	

Hi Malcolm as requested:

SP bike data as of Monday May 11

(data compiled every Monday)

Daily average bike numbers during Road Closures (April 9-May 10): 5,318 Daily average during same period 2019: ~3000

Peak day so far: Sunday, May 10: 8,301

Total bikes through park since road reallocation: >168,000

Weekday Peak time: 5-6pm Weekend Peak time: 3-4pm

(end)

From:	"Duncan, Alan" <alan.duncan@vancouver.ca></alan.duncan@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
	"Yu, Mandy" <mandy.yu@vancouver.ca></mandy.yu@vancouver.ca>
Date:	5/12/2020 4:24:02 PM
Subject:	SP Road Closures - Cycling Data

Hello,

I was just thinking that we didn't talk about deliveries or servicing for stakeholders. Maybe part of the solution to keeping cyclists safe and with minimal vehicular contact would be to limit hours of access for deliveries and servicing to those hours where cycle numbers are the lowest, morning and/or later in the evening. Perhaps this is already being done. If not, perhaps there could be a question about that, i.e. can it be managed (thinking about what is often done on urban pedestrian malls).

Alan

Alan Duncan | Environmental Planner | Planning, Policy and Environment Vancouver Board of Parks and Recreation | 2099 Beach Avenue V6G 1Z4

From: Dunlop, Emily Sent: Tuesday, May 12, 2020 11:53 AM To: Soutar, Rena; Morris, Brittany; Carson, Jessica; Duncan, Alan; Howe, Geordie Subject: SP Road Closures - Cycling Data Importance: High

Hi guys,

Just wanted to send you a quick update on the Road Closures in Stanley Park.

1. Check out this summary report I gave to Dave yesterday

Ir

2. This Road closure has triggered many conversations and debates among leadership and the public about keeping Stanley Park car free. This has enabled us to consider transportation priorities/options in the future. I will be providing a full update on our meeting tomorrow as well as to the Nations at our next meeting. I am working on some reopening options with Amy, Mandy and Alan, and will be sharing those with you as they are drafted this week and next. From there, hoping to share with the Nations via email.

Talk tomorrow, and let me know if you have questions/comments/ideas in the meantime.

Thanks, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/11/2020 12:25:55 PM
Subject:	Stanley Park Bike Data - Weekly Update - May 11, 2020
Attachments:	StanPark Counters - 2020-05-04_10.xlsx

Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



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Thu 7 May 2020 05:00 5-7-20	0 Friday	Workday	5	4 - Night	16	12	5
Thu 7 May 2020 06:00 5-7-20	0 Friday	Workday	6	1- Morning	104	146	47
Thu 7 May 2020 07:00 5-7-20	0 Friday	Workday	7	1- Morning	243	257	92
Thu 7 May 2020 08:00 5-7-20	0 Friday	Workday	8	1- Morning	225	326	122
Thu 7 May 2020 09:00 5-7-20	-	Workday	9	1- Morning	251	273	111
Thu 7 May 2020 10:00 5-7-20		Workday	10	1- Morning	272	341	128
Thu 7 May 2020 11:00 5-7-20	,	Workday	11	1- Morning	322	442	117
Thu 7 May 2020 11:00 5-7-20		Workday	12	2 - Afternoon	350	454	122
-			13	2 - Afternoon	351	482	97
		Workday					
Thu 7 May 2020 14:00 5-7-20	-	Workday	14	2 - Afternoon	406	579	125
Thu 7 May 2020 15:00 5-7-20	,	Workday	15	2 - Afternoon	483	659	144
Thu 7 May 2020 16:00 5-7-20		Workday	16	2 - Afternoon	518	703	142
Thu 7 May 2020 17:00 5-7-20	,	Workday	17	2 - Afternoon	599	777	189
Thu 7 May 2020 18:00 5-7-20	0 Friday	Workday	18	3 - Evening	585	766	190
Thu 7 May 2020 19:00 5-7-20	0 Friday	Workday	19	3 - Evening	375	630	124
Thu 7 May 2020 20:00 5-7-20	0 Friday	Workday	20	3 - Evening	116	348	40
Thu 7 May 2020 21:00 5-7-20	0 Friday	Workday	21	3 - Evening	26	86	5
Thu 7 May 2020 22:00 5-7-20	0 Friday	Workday	22	4 - Night	3	11	1
Thu 7 May 2020 23:00 5-7-20	0 Friday	Workday	23	4 - Night	4	9	1
Fri 8 May 2020 00:00 5-8-20		Workday	0	4 - Night	3	9	2
Fri 8 May 2020 01:00 5-8-20		Workday	1	4 - Night	0	1	2
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Fri 8 May 2020 04:00 5-8-20	,	Workday		4 - Night			
Fri 8 May 2020 05:00 5-8-20		Workday	5	4 - Night	21	28	5
Fri 8 May 2020 06:00 5-8-20		Workday	6	1- Morning	131	118	69
Fri 8 May 2020 07:00 5-8-20		Workday	7	1- Morning	242	258	112
Fri 8 May 2020 08:00 5-8-20		Workday	8	1- Morning	215	280	107
Fri 8 May 2020 09:00 5-8-20		Workday	9	1- Morning	243	280	114
Fri 8 May 2020 10:00 5-8-20	0 Saturday	Workday	10	1- Morning	315	405	142
Fri 8 May 2020 11:00 5-8-20	0 Saturday	Workday	11	1- Morning	348	453	156
Fri 8 May 2020 12:00 5-8-20	0 Saturday	Workday	12	2 - Afternoon	304	522	150
Fri 8 May 2020 13:00 5-8-20	0 Saturday	Workday	13	2 - Afternoon	381	549	112
Fri 8 May 2020 14:00 5-8-20		Workday	14	2 - Afternoon	464	591	184
Fri 8 May 2020 15:00 5-8-20		Workday	15	2 - Afternoon	468	700	153
Fri 8 May 2020 16:00 5-8-20		Workday	16	2 - Afternoon	499	765	140
Fri 8 May 2020 17:00 5-8-20		Workday	17	2 - Afternoon	536	714	127
Fri 8 May 2020 18:00 5-8-20			18	3 - Evening	455	705	127
		Workday					
Fri 8 May 2020 19:00 5-8-20		Workday	19	3 - Evening	316	613	86
Fri 8 May 2020 20:00 5-8-20		Workday	20	3 - Evening	132	476	44
Fri 8 May 2020 21:00 5-8-20		Workday	21	3 - Evening	19	119	5
Fri 8 May 2020 22:00 5-8-20		Workday	22	4 - Night	6	3	1
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Sat 9 May 2020 00:00 5-9-20	0 Sunday	Weekend	0	4 - Night	8	0	0
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Sun 10 May 2020 11:00 5-10-2020	Monday	Weekend	11	1- Morning	575	723	230
Sun 10 May 2020 12:00 5-10-2020	Monday	Weekend	12	2 - Afternoon	506	733	196
Sun 10 May 2020 13:00 5-10-2020	Monday	Weekend	13	2 - Afternoon	532	743	155
Sun 10 May 2020 14:00 5-10-2020	Monday	Weekend	14	2 - Afternoon	466	688	203
Sun 10 May 2020 15:00 5-10-2020	Monday	Weekend	15	2 - Afternoon	521	763	197
Sun 10 May 2020 16:00 5-10-2020	Monday	Weekend	16	2 - Afternoon	457	819	170
Sun 10 May 2020 17:00 5-10-2020	Monday	Weekend	17	2 - Afternoon	407	714	135
Sun 10 May 2020 18:00 5-10-2020	Monday	Weekend	18	3 - Evening	231	487	102
Sun 10 May 2020 19:00 5-10-2020	Monday	Weekend	19	3 - Evening	192	409	81
Sun 10 May 2020 20:00 5-10-2020	Monday	Weekend	20	3 - Evening	107	308	48
Sun 10 May 2020 21:00 5-10-2020	Monday	Weekend	21	3 - Evening	37	94	7
Sun 10 May 2020 22:00 5-10-2020	Monday	Weekend	22	4 - Night	7	16	3
Sun 10 May 2020 23:00 5-10-2020	Monday	Weekend	23	4 - Night	2	10	1

From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
CC:	"Bonderud, Erik" <erik.bonderud@vancouver.ca></erik.bonderud@vancouver.ca>
Date:	5/4/2020 12:00:40 PM
Subject:	Stanley Park Bike Data
Attachments:	Stanley Park Bike Data - April 30 to May 3.xlsx

Hi Emily,

Attached is the bike data since the new counter at N Lagoon Dr. was installed on April 30, 2020. Please note that the N Lagoon counter is missing some AM due on April 30 due to it being set up that day.

If you have any questions please let me know.

Regards,

Joshua Pablo Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Tel: 604.829.4344 | e-mail: joshua.pablo@vancouver.ca



5.4			
Date Thu 30 Apr 2020 00:00		EC02tanley Park Drive at Second Beach - ECO2tanl 0	
Thu 30 Apr 2020 00:00 Thu 30 Apr 2020 01:00	0 0	0	0 0
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Fri 1 May 2020 10:00	102	312	269
Fri 1 May 2020 11:00	141	412	284
Fri 1 May 2020 12:00	152	412	345
Fri 1 May 2020 13:00	131	521	331
Fri 1 May 2020 14:00	162	556	416
Fri 1 May 2020 15:00	120	661	436
Fri 1 May 2020 16:00	138	608	482
Fri 1 May 2020 17:00	156	626	448
Fri 1 May 2020 18:00	90	516	368
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Sat 2 May 2020 22:00	0	6	3
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Sun 3 May 2020 06:00	16	31	19
Sun 3 May 2020 07:00	49	95	95
Sun 3 May 2020 08:00	69	221	181
Sun 3 May 2020 09:00	149	352	258
Sun 3 May 2020 10:00	210	497	384
Sun 3 May 2020 11:00	198	604	447
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Sun 3 May 2020 17:00	133	557	374
Sun 3 May 2020 18:00	109	436	267
Sun 3 May 2020 19:00	86	444	235
Sun 3 May 2020 20:00	38	256	80
Sun 3 May 2020 21:00	8	50	5
Sun 3 May 2020 22:00	1	7	3
Sun 3 May 2020 23:00	1	6	1

From:	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
To:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/5/2020 8:34:57 AM
Subject:	RE: SP FW: Cyclist data

Em – I'll call you.

From: Shearer, Doug Sent: Tuesday, May 5, 2020 8:20 AM To: Dunlop, Emily; Gore, Amy Subject: SP FW: Cyclist data

Hi Emily, Amy, can you please look into this as soon as you get in.

Thanks Doug

From: Ulmer, Christine Sent: Tuesday, May 5, 2020 8:02 AM To: Bromley, Malcolm Cc: Shearer, Doug Subject: Cyclist data

Hi Malcolm,

Please disregard the file I just sent you. I just had a closer look at the cyclist data and the totals don^{II} make sense, they are lower than usage at checkpoints so II^{II} not sure how to interpret that. Have copied Doug in here so he can provide some context as to what they mean. It^{II} possible the checkpoints pick up individual cyclists more than once, but II^{II} not comfortable guessing on that. II^{II} sure Doug has the answer.

Thx,

С



Christine Ulmer | Senior Manager, Marketing & Communications Vancouver Park Board | 2099 Beach Avenue t. 604-654-0757 christine.ulmer@vancouver.ca

From:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
To:	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/8/2020 10:19:33 AM
Subject:	RE: SP FW: Cyclist data

Amy, a belated thanks for helping on Monday on this data stuff...sorrhy for the rushed requests, it was coming from above so to speak.

From: Gore, Amy Sent: Tuesday, May 5, 2020 10:04 AM To: Shearer, Doug; Dunlop, Emily Subject: RE: SP FW: Cyclist data

Hi Doug,

The reason for the discrepancy with the data is in how people are using the park. When talking to engineering, they thought that a cyclist would either choose to take a shortcut through N Lagoon Drive to get from one side of Lost Lagoon to the other. If they do this they will likely trigger the counter at Second Beach and at N Lagoon. They could also decide to do the entire loop around the park on Stanley Park Dr which would likely trigger both the Second Beach and Rowing Club counters. As such, they recommended that the numbers shown at Second Beach are actually equivalent to the numbers at Lagoon + Rowing Club.

The previous questions that Christine had are answered below as well:

- Can you confirm the data is for April 30 May 3 (header says through May 1) Mes, I can confirm this data is through until May 3rd
- Do we know what a typical weekend day in SP (pre covid) would look like for cyclists #s? Would be good to provide context as to what we are seeing with these numbers. A typical weekend will see anywhere usually between 3,000 and 4,000 cyclists each day. We were also able to compare Easter Weekend in 2019 (Friday, Sat, Sunday) had 11,400 cyclists visit the park vs this year (the first weekend the park was close to vehicles) at around 16,000
- When you footnote the typical peak hours, is that pre vehicle closure, or during the overall closure, or just during this four-day period? This was for the four day period.

Let me know if you have any further questions.

Thanks! Amy

From: Shearer, Doug Sent: Tuesday, May 5, 2020 8:20 AM To: Dunlop, Emily; Gore, Amy Subject: SP FW: Cyclist data

Hi Emily, Amy, can you please look into this as soon as you get in.

Thanks Doug

From: Ulmer, Christine Sent: Tuesday, May 5, 2020 8:02 AM To: Bromley, Malcolm Cc: Shearer, Doug Subject: Cyclist data

Hi Malcolm,

Please disregard the file I just sent you. I just had a closer look at the cyclist data and the totals don¹ make sense, they are lower than usage at checkpoints so l¹ not sure how to interpret that. Have copied Doug in here so he can provide some context as to what they mean. It¹ possible the checkpoints pick up individual cyclists more than once, but l¹ not comfortable guessing on that. I¹ not sure Doug has the answer.

Thx,

С



Christine Ulmer | Senior Manager, Marketing & Communications Vancouver Park Board | 2099 Beach Avenue t. 604-654-0757 christine.ulmer@vancouver.ca

From:	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
To:	"Ulmer, Christine" < Christine.Ulmer@vancouver.ca>
	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/4/2020 10:47:03 AM
Subject:	RE: SP numbers

Christine - Doug is going to track these down Emily is on EDO.

Dave Hutch | Director, Planning and Park Development Vancouver Board of Parks and Recreation

From: Ulmer, Christine Sent: Monday, May 04, 2020 10:26 AM To: Hutch, Dave Subject: SP numbers

Hey Dave,

Is reached out to Amit, Ema and Jeff for data on golf and VanDusen for the report for MB for today. Hoping you can send me the cyclist and pedestrian data (and anything else your team has been capturing that helps tell the success story of the vehicle-free SP) by 2:30 today so I have some time to pull all of the pieces together.

Earlier is even better but I know we are all busy!

Thx,

С



Christine Ulmer | Senior Manager, Marketing & Communications Vancouver Park Board | 2099 Beach Avenue t. 604-654-0757 christine.ulmer@vancouver.ca

From:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
To:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
Date:	5/11/2020 10:05:14 AM
Subject:	RE: SP Road Closure - Data Summary
Attachments:	Stanley Park Bike Counters - TOTAL - Eliana.xlsx

Hi Josh,

Thank you for the offer to format this data. We actually have just taken all of our data off the straight up hourly data, so honestly, it would be just as easy to give this data you've already been providing in this same format (see attached). As you can see, we are creating pivot tables from these and then just sprucing them up graphically.

I was thinking we would just take your data and add it on to the "master data tab" and adjust the pivot tables.

Thank you, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 8:54 AM To: Dunlop, Emily Subject: RE: SP Road Closure - Data Summary

Hi Emily,

The graphics look so good!

For the weekly update for the Stanley Park data, would it help if I just gave the information related to creating these graphs? If that is the case, for your @verage daily volume by counter@metric, is that just weekdays, weekends, both? And did that include all weather conditions or just good weather conditions?

Regards,

Josh

From: Dunlop, Emily Sent: Friday, May 8, 2020 6:20 PM To: Plant, Sherwood; Gould, Brian; Khany, Sam; Bonderud, Erik; Pablo, Joshua Cc: Gore, Amy Subject: SP Road Closure - Data Summary

Hi everyone,

Thanks to Josh and Erik at the TDM Branch and to our collective work, we have been able to summarize some of the data for our General Manager Dese attached summary report and graphics for your information (if you see any discrepancies with this, please let me know!).

Thanks for all your assistance with this important project.

Take care and have a good weekend all, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

Row Labels	Sum of SECOND BE/		Sum of NORTH	LAGOON DR
4/9/2020	3345	2735		
4/10/2020	6744	4839		
4/11/2020	6250	4418		
4/12/2020	6076	4139		
4/13/2020	4763	3516		
4/14/2020	4469	3231		
4/15/2020	5374	3979		
4/16/2020	5691	4106		
4/17/2020	4186	3008		
4/18/2020	7152	5105		
4/19/2020	6044	4394		
4/20/2020	5119	3720		
4/21/2020	4478	3299		
4/22/2020	1517	1107		
4/23/2020	5065	3569		
4/24/2020	4653	3501		
4/25/2020	3842	2806		
4/26/2020	4611	3495		
4/27/2020	4913	3438		
4/28/2020	2825	2064		
4/29/2020	2887	2087		
4/30/2020	6663	4874	2106	
5/1/2020	6063	4322	1576	
5/2/2020	1494	1023	433	
5/3/2020	6479	4474	1861	
Grand Total	120703	87249	5976	
	4828.12			
Dow Labels	Average of DOM/INC	Autorogo of CE(Average of NO	
Row Labels	Average of ROWINC			RTH LAGOON DR
Monday	171.8958333	241.7708333		RTH LAGOON DR
Monday Tuesday	171.8958333 148.25	241.7708333 205.4861111		RTH LAGOON DR
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4:00 PM	367.04	511.4	149.75	
5:00 PM	357.8	493.08	148.75	
6:00 PM	307.72	451.36	118.25	
7:00 PM	180.24	322.64	82.75	
8:00 PM	43.16			
9:00 PM	6.72	25.08		
10:00 PM	4.24	8.24		
11:00 PM	1.32	3.36		
Grand Total		205.2772109		
Granu Totai	146.1307301	205.2772109	02.20	
	2510 702222	4074 510222	1494	
	3519.783333	4876.518333	1494	
Row Labels	Average of ROWINC	Average of SEC	Average of NO	RTH LAGOON DR
Monday				
4 - Night		1.041666667	0	
1- Morning	231.5	283.75	115.1666667	
2 - Afternoon	390.625	544.4583333	154.5	
3 - Evening	95.625	204.25	60.25	
4 - Night	2.125	5	1	
Tuesday				
4 - Night	1	1.222222222		
1- Morning	131.7222222	163.9444444		
2 - Afternoon		450.2222222		
3 - Evening		307.4166667		
4 - Night		4.8333333333		
Wednesday	5.10000007	4.0333333333		
,	1 777777770	1 ///////7		
4 - Night		1.6666666667		
1- Morning		169.7222222		
2 - Afternoon		342.2777778		
3 - Evening		208.8333333		
4 - Night	1.166666667	3.3333333333		
Thursday				
4 - Night	0.5555555556			
1- Morning		128.9444444		
2 - Afternoon	217.6111111	275.6111111		
3 - Evening	115.4166667	204.33333333		
4 - Night	1.833333333	4.833333333		
Friday				
4 - Night	0.7222222222	0.83333333333	0	
1- Morning	148.4210526	207.6666667	68	
2 - Afternoon	379.9583333	480.125	209.5	
3 - Evening	206.75	339.3125	109	
4 - Night	3	7.375	2.5	
Saturday				
4 - Night	1.041666667	1.583333333	1.5	
1- Morning		235.2083333		
2 - Afternoon		518.2083333		
3 - Evening	123.25			
4 - Night	4.375	6.625		
-	4.375	0.025	1.5	
Sunday	0 5022222222	0.0502222222	0 222222222	
4 - Night	0.5833333333			
1- Morning		181.2916667		
2 - Afternoon		478.7916667		
3 - Evening	87.6875			
4 - Night	3.25	7.5		
Grand Total	148.1307301	205.2772109	62.25	

Row Labels 4 - Night	Average of ROWINC	Average of SE(Average of NOF	RTH LAGOON DR
Weekend	0.7916666667	1	0.1666666667	
Workday	1.020833333	1.25	0.75	
1- Morning				
Weekend	199.1458333	232.5208333	72.58333333	
Workday	147.0927835	184.4791667	77.91666667	
2 - Afternoon				
Weekend	360.0208333	511.625	88.16666667	
Workday	317.8431373	423.3921569	176.3333333	
3 - Evening				
Weekend	91.65625	190.03125	45.125	
Workday	154.6029412	258.0735294	76.75	
4 - Night				
Weekend	2.6875	6.25	0.5	
Workday	2.823529412	5.588235294	2	
Grand Total	148.1307301	205.2772109	62.25	

Average of SECOND BEACH	Column Labels		
Row Labels	Weekend	Workday	Grand Total
12:00 AM	3.125	1.5625	2.083333333
1:00 AM	0.625	1.1875	1
2:00 AM	0.25	0.375	0.33333333333
3:00 AM	0.25	0.1875	0.2083333333
4:00 AM	0.125	0.625	0.4583333333
5:00 AM	1.625	3.5625	2.916666667
6:00 AM	23.375	54.6875	44.25
7:00 AM	93.625	156.125	135.2916667
8:00 AM	207.25	177.3125	187.2916667
9:00 AM	299	198.875	232.25
10:00 AM	353.875	238.5	276.9583333
11:00 AM	418	281.375	326.9166667
12:00 PM	443.375	307.8235294	351.2
1:00 PM	496	355.9411765	400.76
2:00 PM	563.375	409.4117647	458.68
3:00 PM	576	456.3529412	494.64
4:00 PM	550.375	493.0588235	511.4
5:00 PM	440.625	517.7647059	493.08
6:00 PM	346.625	500.6470588	451.36
7:00 PM	262.875	350.7647059	322.64
8:00 PM	126.5	155.3529412	146.12
9:00 PM	24.125	25.52941176	25.08
10:00 PM	7.375	8.647058824	8.24
11:00 PM	5.125	2.529411765	3.36
Grand Total	218.4791667	198.8762626	205.2772109

Interna International process of partial sectors in the sector sect		Date						Stanley Park Drive at Van. Rowing Club - ECO35	Stanley Park Drive at Second Beach - ECO21	North Lagoon Dr at West end of Lost Lagoon - EC023
The 6 arg 2020 103 Price 30 Fringe Weinday 2000 200 200 200 200 200 200 200 200 2				-				ROWING CLUB	SECOND BEACH	NORTH LAGOON DR
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Axle Sensors Sun 12 Apr 2020 05 00 12-Apr-20 Monday Workday 5:00 AM 4 - Night 5 3 Axle Sensors Sun 12 Apr 2020 06 00 12-Apr-20 Monday Workday 6:00 AM 1- Morning 22 17 Axle Sensors Sun 12 Apr 2020 06 00 12-Apr-20 Monday Workday 6:00 AM 1- Morning 22 17 Axle Sensors Sun 12 Apr 2020 07 00 12-Apr-20 Monday Workday 8:00 AM 1- Morning 105 93 Axle Sensors Sun 12 Apr 2020 08 00 12-Apr-20 Monday Workday 8:00 AM 1- Morning 205 209 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 9:00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 10:00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11:00 AM 1- Morning 429 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
Axle Sensors Sun 12 Apr 2020 06 00 12-Apr-20 Monday Workday 6:00 AM 1- Morning 22 17 Axle Sensors Sun 12 Apr 2020 07 00 12-Apr-20 Monday Workday 7:00 AM 1- Morning 105 93 Axle Sensors Sun 12 Apr 2020 08 00 12-Apr-20 Monday Workday 8:00 AM 1- Morning 205 209 Axle Sensors Sun 12 Apr 2020 09 00 12-Apr-20 Monday Workday 9:00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 10:00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11:00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11:00 AM 1- Morning 429 612 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 12:00 PM 2 - Afternoon 429										
Axle Sensors Sun 12 Apr 2020 07 00 12-Apr-20 Monday Workday 7:00 AM 1- Morning 105 93 Axle Sensors Sun 12 Apr 2020 08 00 12-Apr-20 Monday Workday 8:00 AM 1- Morning 205 209 Axle Sensors Sun 12 Apr 2020 09 00 12-Apr-20 Monday Workday 9:00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 10 00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 10 00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11 00 AM 1- Morning 429 612 Axle Sensors Sun 12 Apr 2020 12 00 12-Apr-20 Monday Workday 12 00 PM 2 - Afternoon 429 563 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr-20 Monday Workday 1:00 PM 2 - Afternoon 445										
Axle Sensors Sun 12 Apr 2020 08 00 12-Apr-20 Monday Workday 8:00 AM 1- Morning 205 209 Axle Sensors Sun 12 Apr 2020 09 00 12-Apr-20 Monday Workday 9:00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 1000 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11 00 AM 1- Morning 429 612 Axle Sensors Sun 12 Apr 2020 12 00 12-Apr-20 Monday Workday 12 00 PM 2 - Afternoon 429 653 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr-20 Monday Workday 1:00 PM 2 - Afternoon 445 654										
Axle Sensors Sun 12 Apr 2020 09 00 12-Apr-20 Monday Workday 9:00 AM 1- Morning 303 398 Axle Sensors Sun 12 Apr 2020 10 00 12-Apr-20 Monday Workday 10 00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr-20 Monday Workday 11 00 AM 1- Morning 471 612 Axle Sensors Sun 12 Apr 2020 12 00 12-Apr-20 Monday Workday 12 00 PM 2 - Afternoon 429 653 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr-20 Monday Workday 1200 PM 2 - Afternoon 445 654										
Axle Sensors Sun 12 Apr 2020 10 00 12-Apr 202 Monday Workday 10 00 AM 1- Morning 471 527 Axle Sensors Sun 12 Apr 2020 11 00 12-Apr 202 Monday Workday 11 00 AM 1- Morning 429 612 Axle Sensors Sun 12 Apr 2020 12 00 12-Apr 202 Monday Workday 12 00 PM 2 - Afternoon 429 563 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr 202 Monday Workday 1:00 PM 2 - Afternoon 445 654										
Axle Sensors Sun 12 Apr 2020 11 00 12-Apr 2020 Monday Workday 11 00 AM 1- Morning 429 612 Axle Sensors Sun 12 Apr 2020 12 00 12-Apr 2020 12 00 12-Apr 2020 Monday Workday 12 00 PM 2 - Afternoon 429 563 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr 2020 Monday Workday 1:00 PM 2 - Afternoon 445 654										
Axle Sensors Sun 12 Apr 2020 12 00 12-Apr-20 Monday Workday 12 00 PM 2 - Afternoon 429 563 Axle Sensors Sun 12 Apr 2020 13 00 12-Apr-20 Monday Workday 1:00 PM 2 - Afternoon 445 654										
Axie sensors Sun 12 Apr 2020 14 00 12-Apr-20 Monday Workday 2:00 PM 2 - Afternoon 443 643										
	Axie Sensors	Sun 12 Apr 2020 14 00	12-Apr-20	wonday	vvorkday	2:00 PM	2 - Atternoon	443	643	

Axle Sensors	Sun 12 Apr 2020 15 00	12-Apr-20 Monday	Workday	3:00 PM	2 - Afternoon	463	649
Axle Sensors	Sun 12 Apr 2020 16 00	12-Apr-20 Monday	Workday	4:00 PM	2 - Afternoon	341	605
Axle Sensors	Sun 12 Apr 2020 17 00	12-Apr-20 Monday	Workday	5:00 PM	2 - Afternoon	238	478
Axle Sensors	Sun 12 Apr 2020 18 00	12-Apr-20 Monday	Workday	6:00 PM	3 - Evening	121	351
Axle Sensors	Sun 12 Apr 2020 19 00	12-Apr-20 Monday	Workday	7:00 PM	3 - Evening	95	190
Axle Sensors	Sun 12 Apr 2020 20 00	12-Apr-20 Monday	Workday	8:00 PM	3 - Evening	13	70
Axle Sensors	Sun 12 Apr 2020 21 00	12-Apr-20 Monday	Workday	9:00 PM	3 - Evening	4	6
Axle Sensors	Sun 12 Apr 2020 22 00	12-Apr-20 Monday	Workday	10 00 PM	4 - Night	3	4
Axle Sensors	Sun 12 Apr 2020 23 00	12-Apr-20 Monday	Workday	11 00 PM	4 - Night	2	3
Axle Sensors	Mon 13 Apr 2020 00:00	13-Apr-20 Tuesday	Workday	12 00 AM	4 - Night	3	3
					-		
Axle Sensors	Mon 13 Apr 2020 01:00	13-Apr-20 Tuesday	Workday	1:00 AM	4 - Night	0	0
Axle Sensors	Mon 13 Apr 2020 02:00	13-Apr-20 Tuesday	Workday	2:00 AM	4 - Night	1	0
Axle Sensors	Mon 13 Apr 2020 03:00	13-Apr-20 Tuesday	Workday	3:00 AM	4 - Night	1	0
Axle Sensors	Mon 13 Apr 2020 04:00	13-Apr-20 Tuesday	Workday	4:00 AM	4 - Night	0	1
Axle Sensors	Mon 13 Apr 2020 05:00	13-Apr-20 Tuesday	Workday	5:00 AM	4 - Night	1	1
Axle Sensors	Mon 13 Apr 2020 06:00	13-Apr-20 Tuesday	Workday	6:00 AM	1- Morning	28	19
Axle Sensors	Mon 13 Apr 2020 07:00	13-Apr-20 Tuesday	Workday	7:00 AM	1- Morning	103	115
					-		
Axle Sensors	Mon 13 Apr 2020 08:00	13-Apr-20 Tuesday	Workday	8:00 AM	1- Morning	121	152
Axle Sensors	Mon 13 Apr 2020 09:00	13-Apr-20 Tuesday	Workday	9:00 AM	1- Morning	196	229
Axle Sensors	Mon 13 Apr 2020 10:00	13-Apr-20 Tuesday	Workday	10 00 AM	1- Morning	278	279
Axle Sensors	Mon 13 Apr 2020 11:00	13-Apr-20 Tuesday	Workday	11 00 AM	1- Morning	362	403
Axle Sensors	Mon 13 Apr 2020 12:00	13-Apr-20 Tuesday	Workday	12 00 PM	2 - Afternoon	314	427
Axle Sensors	Mon 13 Apr 2020 13:00	13-Apr-20 Tuesday	Workday	1:00 PM	2 - Afternoon	344	412
							550
Axle Sensors	Mon 13 Apr 2020 14:00	13-Apr-20 Tuesday	Workday	2:00 PM	2 - Afternoon	388	
Axle Sensors	Mon 13 Apr 2020 15:00	13-Apr-20 Tuesday	Workday	3:00 PM	2 - Afternoon	348	495
Axle Sensors	Mon 13 Apr 2020 16:00	13-Apr-20 Tuesday	Workday	4:00 PM	2 - Afternoon	344	532
Axle Sensors	Mon 13 Apr 2020 17:00	13-Apr-20 Tuesday	Workday	5:00 PM	2 - Afternoon	297	455
Axle Sensors	Mon 13 Apr 2020 18:00	13-Apr-20 Tuesday	Workday	6:00 PM	3 - Evening	237	391
Axle Sensors	Mon 13 Apr 2020 19:00	13-Apr-20 Tuesday	Workday	7:00 PM	3 - Evening	113	203
Axle Sensors	Mon 13 Apr 2020 20:00	13-Apr-20 Tuesday	Workday	8:00 PM	3 - Evening	26	82
Axle Sensors	Mon 13 Apr 2020 20:00				-		7
			Workday	9:00 PM	3 - Evening	3	
Axle Sensors	Mon 13 Apr 2020 22:00	13-Apr-20 Tuesday	Workday	10 00 PM	4 - Night	5	5
Axle Sensors	Mon 13 Apr 2020 23:00	13-Apr-20 Tuesday	Workday	11 00 PM	4 - Night	3	2
(merged data	Tue 14 Apr 2020 00 00	14-Apr-20 Wednesda	y Workday	12 00 AM	4 - Night	4	1
(merged data	Tue 14 Apr 2020 01 00	14-Apr-20 Wednesda	y Workday	1:00 AM	4 - Night	0	1
(merged data	Tue 14 Apr 2020 02 00	14-Apr-20 Wednesda		2:00 AM	4 - Night	2	1
	Tue 14 Apr 2020 03 00					0	1
(merged data				3:00 AM	4 - Night		
(merged data	Tue 14 Apr 2020 04 00	14-Apr-20 Wednesda		4:00 AM	4 - Night	3	0
(merged data	Tue 14 Apr 2020 05 00	14-Apr-20 Wednesda	y Workday	5:00 AM	4 - Night	3	1
(merged data	Tue 14 Apr 2020 06 00	14-Apr-20 Wednesda	y Workday	6:00 AM	1- Morning	41	38
(merged data	Tue 14 Apr 2020 07 00	14-Apr-20 Wednesda	y Workday	7:00 AM	1- Morning	137	129
(merged data	Tue 14 Apr 2020 08 00	14-Apr-20 Wednesda	y Workday	8:00 AM	1- Morning	115	127
(merged data	Tue 14 Apr 2020 09 00	14-Apr-20 Wednesda		9:00 AM	1- Morning	120	133
					-		
(merged data	Tue 14 Apr 2020 10 00	14-Apr-20 Wednesda		10 00 AM	1- Morning	156	167
(merged data	Tue 14 Apr 2020 11 00	14-Apr-20 Wednesda		11 00 AM	1- Morning	104	258
	Tue 14 Apr 2020 12 00	14-Apr-20 Wednesda	y Workday	12 00 PM	2 - Afternoon	143	257
	Tue 14 Apr 2020 13 00	14-Apr-20 Wednesda	y Workday	1:00 PM	2 - Afternoon	288	350
	Tue 14 Apr 2020 14 00	14-Apr-20 Wednesda	y Workday	2:00 PM	2 - Afternoon	278	439
	Tue 14 Apr 2020 15 00	14-Apr-20 Wednesda		3:00 PM	2 - Afternoon	319	428
	Tue 14 Apr 2020 16 00	14-Apr-20 Wednesda		4:00 PM	2 - Afternoon	393	458
	Tue 14 Apr 2020 17 00	14-Apr-20 Wednesda		5:00 PM	2 - Afternoon	446	567
	Tue 14 Apr 2020 18 00	14-Apr-20 Wednesda	y Workday	6:00 PM	3 - Evening	433	601
	Tue 14 Apr 2020 19 00	14-Apr-20 Wednesda	y Workday	7:00 PM	3 - Evening	206	371
	Tue 14 Apr 2020 20 00	14-Apr-20 Wednesda	y Workday	8:00 PM	3 - Evening	30	117
	Tue 14 Apr 2020 21 00	14-Apr-20 Wednesda		9:00 PM	3 - Evening	10	22
	Tue 14 Apr 2020 22 00	14-Apr-20 Wednesda	, ,	10 00 PM	4 - Night	0	1
					-		
	Tue 14 Apr 2020 23 00			11 00 PM	4 - Night	0	1
	Wed 15 Apr 2020 00 00	15-Apr-20 Thursday	Workday	12 00 AM	4 - Night	1	0
	Wed 15 Apr 2020 01 00	15-Apr-20 Thursday	Workday	1:00 AM	4 - Night	0	0
	Wed 15 Apr 2020 02 00	15-Apr-20 Thursday	Workday	2:00 AM	4 - Night	0	0
	Wed 15 Apr 2020 03 00	15-Apr-20 Thursday	Workday	3:00 AM	4 - Night	0	1
	Wed 15 Apr 2020 04 00	15-Apr-20 Thursday	Workday	4:00 AM	4 - Night	0	0
	Wed 15 Apr 2020 05 00	15-Apr-20 Thursday	Workday	5:00 AM	4 - Night	3	4
	Wed 15 Apr 2020 05 00 Wed 15 Apr 2020 06 00		Workday		-		54
		15-Apr-20 Thursday		6:00 AM	1- Morning	62	
	Wed 15 Apr 2020 07 00	15-Apr-20 Thursday	Workday	7:00 AM	1- Morning	159	178
	Wed 15 Apr 2020 08 00	15-Apr-20 Thursday	Workday	8:00 AM	1- Morning	166	202
	Wed 15 Apr 2020 09 00	15-Apr-20 Thursday	Workday	9:00 AM	1- Morning	122	199
	Wed 15 Apr 2020 10 00	15-Apr-20 Thursday	Workday	10 00 AM	1- Morning	193	225
	Wed 15 Apr 2020 11 00	15-Apr-20 Thursday	Workday	11 00 AM	1- Morning	263	286
	Wed 15 Apr 2020 12 00	15-Apr-20 Thursday	Workday	12 00 PM	2 - Afternoon	258	364
	Wed 15 Apr 2020 13 00	15-Apr-20 Thursday	Workday	1:00 PM	2 - Afternoon	284	412
	Wed 15 Apr 2020 13 00 Wed 15 Apr 2020 14 00	15-Apr-20 Thursday	Workday	2:00 PM	2 - Afternoon	327	433
	Wed 15 Apr 2020 14 00 Wed 15 Apr 2020 15 00	15-Apr-20 Thursday	Workday				458
				3:00 PM	2 - Afternoon	351	
	Wed 15 Apr 2020 16 00	15-Apr-20 Thursday	Workday	4:00 PM	2 - Afternoon	493	460
	Wed 15 Apr 2020 17 00	15-Apr-20 Thursday	Workday	5:00 PM	2 - Afternoon	535	665
	Wed 15 Apr 2020 18 00	15-Apr-20 Thursday	Workday	6:00 PM	3 - Evening	487	699
	Wed 15 Apr 2020 19 00	15-Apr-20 Thursday	Workday	7:00 PM	3 - Evening	234	531
	Wed 15 Apr 2020 20 00	15-Apr-20 Thursday	Workday	8:00 PM	3 - Evening	28	176
	Wed 15 Apr 2020 21 00	15-Apr-20 Thursday	Workday	9:00 PM	3 - Evening	9	16
	Wed 15 Apr 2020 21 00 Wed 15 Apr 2020 22 00		Workday		4 - Night		10
				10 00 PM		4	
	Wed 15 Apr 2020 23 00	15-Apr-20 Thursday	Workday	11 00 PM	4 - Night	0	0
	Thu 16 Apr 2020 00 00	16-Apr-20 Friday	Workday	12 00 AM	4 - Night	0	1
	Thu 16 Apr 2020 01 00	16-Apr-20 Friday	Workday	1:00 AM	4 - Night	0	0
	Thu 16 Apr 2020 02 00	16-Apr-20 Friday	Workday	2:00 AM	4 - Night	0	0
	Thu 16 Apr 2020 03 00	16-Apr-20 Friday	Workday	3:00 AM	4 - Night	0	0
	Thu 16 Apr 2020 04 00	16-Apr-20 Friday	Workday	4:00 AM	4 - Night	0	0
	Thu 16 Apr 2020 05 00	16-Apr-20 Friday	Workday	5:00 AM	4 - Night	3	0
	Thu 16 Apr 2020 06 00	16-Apr-20 Friday	Workday	6:00 AM	1- Morning	54	57
	Thu 16 Apr 2020 07 00	16-Apr-20 Friday	Workday	7:00 AM	1- Morning	179	199
	Thu 16 Apr 2020 08 00	16-Apr-20 Friday	Workday	8:00 AM	1- Morning	148	255
	Thu 16 Apr 2020 09 00	16-Apr-20 Friday	Workday	9:00 AM	1- Morning	155	204

Thu 16 Apr 2020 10 00	16-Apr-20	Friday	Workday	10 00 AM	1- Morning	221	245
Thu 16 Apr 2020 11 00	16-Apr-20	Friday	Workday	11 00 AM	1- Morning	228	312
Thu 16 Apr 2020 12 00	16-Apr-20	Friday	Workday	12 00 PM	2 - Afternoon	327	421
Thu 16 Apr 2020 13 00	16-Apr-20	Friday	Workday	1:00 PM	2 - Afternoon	310	449
Thu 16 Apr 2020 14 00	16-Apr-20	Friday	Workday	2:00 PM	2 - Afternoon	287	439
Thu 16 Apr 2020 15 00	16-Apr-20	Friday	Workday	3:00 PM	2 - Afternoon	406	519
Thu 16 Apr 2020 16 00	16-Apr-20	Friday	Workday	4:00 PM	2 - Afternoon	438	541
Thu 16 Apr 2020 17 00	16-Apr-20	Friday	Workday	5:00 PM	2 - Afternoon	519	661
Thu 16 Apr 2020 18 00	16-Apr-20	Friday	Workday	6:00 PM	3 - Evening	492	617
Thu 16 Apr 2020 19 00	16-Apr-20	Friday	Workday	7:00 PM	3 - Evening	269	489
Thu 16 Apr 2020 20 00	16-Apr-20	Friday	Workday	8:00 PM	3 - Evening	46	240
					-		
Thu 16 Apr 2020 21 00	16-Apr-20	Friday	Workday	9:00 PM	3 - Evening	16	24
Thu 16 Apr 2020 22 00	16-Apr-20	Friday	Workday	10 00 PM	4 - Night	4	16
Thu 16 Apr 2020 23 00	16-Apr-20	Friday	Workday	11 00 PM	4 - Night	4	2
	•				-		
Fri 17 Apr 2020 00:00	17-Apr-20	Saturday	Weekend	12 00 AM	4 - Night	0	3
Fri 17 Apr 2020 01:00	17-Apr-20	Saturday	Weekend	1:00 AM	4 - Night	0	0
Fri 17 Apr 2020 02:00	17-Apr-20	Saturday	Weekend	2:00 AM	4 - Night	2	0
	17-Apr-20	Saturday		3:00 AM	4 - Night	0	0
Fri 17 Apr 2020 03:00			Weekend				
Fri 17 Apr 2020 04:00	17-Apr-20	Saturday	Weekend	4:00 AM	4 - Night	1	0
Fri 17 Apr 2020 05:00	17-Apr-20	Saturday	Weekend	5:00 AM	4 - Night	1	3
Fri 17 Apr 2020 06:00	17-Apr-20	Saturday	Weekend	6:00 AM	1- Morning	57	80
		-			-		
Fri 17 Apr 2020 07:00	17-Apr-20	Saturday	Weekend	7:00 AM	1- Morning	166	158
Fri 17 Apr 2020 08:00	17-Apr-20	Saturday	Weekend	8:00 AM	1- Morning	153	185
Fri 17 Apr 2020 09:00	17-Apr-20	Saturday	Weekend	9:00 AM	1- Morning	161	198
Fri 17 Apr 2020 10:00	17-Apr-20	Saturday	Weekend	10 00 AM	1- Morning	182	265
		-			-		
Fri 17 Apr 2020 11:00	17-Apr-20	Saturday	Weekend	11 00 AM	1- Morning	210	264
Fri 17 Apr 2020 12:00	17-Apr-20	Saturday	Weekend	12 00 PM	2 - Afternoon	184	291
Fri 17 Apr 2020 13:00	17-Apr-20	Saturday	Weekend	1:00 PM	2 - Afternoon	218	278
	•	-					
Fri 17 Apr 2020 14:00	17-Apr-20	Saturday	Weekend	2:00 PM	2 - Afternoon	252	313
Fri 17 Apr 2020 15:00	17-Apr-20	Saturday	Weekend	3:00 PM	2 - Afternoon	269	393
Fri 17 Apr 2020 16:00	17-Apr-20	Saturday	Weekend	4:00 PM	2 - Afternoon	348	483
Fri 17 Apr 2020 17:00		Saturday			2 - Afternoon	306	450
	17-Apr-20		Weekend	5:00 PM			
Fri 17 Apr 2020 18:00	17-Apr-20	Saturday	Weekend	6:00 PM	3 - Evening	315	356
Fri 17 Apr 2020 19:00	17-Apr-20	Saturday	Weekend	7:00 PM	3 - Evening	144	314
Fri 17 Apr 2020 20:00	17-Apr-20	Saturday	Weekend	8:00 PM	3 - Evening	33	122
					-		
Fri 17 Apr 2020 21:00	17-Apr-20	Saturday	Weekend	9:00 PM	3 - Evening	4	21
Fri 17 Apr 2020 22:00	17-Apr-20	Saturday	Weekend	10 00 PM	4 - Night	2	8
Fri 17 Apr 2020 23:00	17-Apr-20	Saturday	Weekend	11 00 PM	4 - Night	0	1
	•				4 - Night	0	2
Sat 18 Apr 2020 00:00	18-Apr-20	Sunday	Weekend	12 00 AM			
Sat 18 Apr 2020 01:00	18-Apr-20	Sunday	Weekend	1:00 AM	4 - Night	0	0
Sat 18 Apr 2020 02:00	18-Apr-20	Sunday	Weekend	2:00 AM	4 - Night	6	0
Sat 18 Apr 2020 03:00	18-Apr-20	Sunday	Weekend	3:00 AM	4 - Night	0	0
Sat 18 Apr 2020 04:00	18-Apr-20	Sunday	Weekend	4:00 AM	4 - Night	0	0
Sat 18 Apr 2020 05:00	18-Apr-20	Sunday	Weekend	5:00 AM	4 - Night	3	1
Sat 18 Apr 2020 06:00	18-Apr-20	Sunday	Weekend	6:00 AM	1- Morning	33	39
					-		
Sat 18 Apr 2020 07:00	18-Apr-20	Sunday	Weekend	7:00 AM	1- Morning	129	130
Sat 18 Apr 2020 08:00	18-Apr-20	Sunday	Weekend	8:00 AM	1- Morning	231	304
Sat 18 Apr 2020 09:00	18-Apr-20	Sunday	Weekend	9:00 AM	1- Morning	426	400
Sat 18 Apr 2020 10:00	18-Apr-20	Sunday	Weekend	10 00 AM	1- Morning	423	475
Sat 18 Apr 2020 11:00	18-Apr-20	Sunday	Weekend	11 00 AM	1- Morning	500	539
Sat 18 Apr 2020 12:00	18-Apr-20	Sunday	Weekend	12 00 PM	2 - Afternoon	483	614
Sat 18 Apr 2020 13:00	18-Apr-20	Sunday	Weekend	1:00 PM	2 - Afternoon	538	646
Sat 18 Apr 2020 14:00	18-Apr-20	Sunday	Weekend	2:00 PM	2 - Afternoon	564	788
Sat 18 Apr 2020 15:00	18-Apr-20	Sunday	Weekend	3:00 PM	2 - Afternoon	537	769
Sat 18 Apr 2020 16:00	18-Apr-20	Sunday	Weekend	4:00 PM	2 - Afternoon	455	722
Sat 18 Apr 2020 17:00	18-Apr-20	Sunday	Weekend	5:00 PM	2 - Afternoon	306	626
Sat 18 Apr 2020 18:00	18-Apr-20	Sunday	Weekend	6:00 PM	3 - Evening	281	522
Sat 18 Apr 2020 19:00	18-Apr-20	Sunday	Weekend	7:00 PM	3 - Evening	154	395
Sat 18 Apr 2020 20:00	18-Apr-20	Sunday	Weekend	8:00 PM	3 - Evening	24	137
Sat 18 Apr 2020 21:00	18-Apr-20	Sunday	Weekend	9:00 PM	3 - Evening	5	39
						5	
Sat 18 Apr 2020 22:00	18-Apr-20	Sunday	Weekend	10 00 PM	4 - Night	7	4
Sat 18 Apr 2020 23:00	18-Apr-20	Sunday	Weekend	11 00 PM	4 - Night	0	0
Sun 19 Apr 2020 00 00	19-Apr-20	Monday	Workday	12 00 AM	4 - Night	2	3
Sun 19 Apr 2020 01 00	19-Apr-20	Monday	Workday	1:00 AM	4 - Night	2	0
Sun 19 Apr 2020 02 00	19-Apr-20	Monday	Workday	2:00 AM	4 - Night	0	0
Sun 19 Apr 2020 03 00	19-Apr-20	Monday	Workday	3:00 AM	4 - Night	1	2
Sun 19 Apr 2020 04 00	19-Apr-20	Monday	Workday	4:00 AM	4 - Night	0	1
Sun 19 Apr 2020 05 00	19-Apr-20	Monday	Workday	5:00 AM	4 - Night	4	3
					0		
Sun 19 Apr 2020 06 00	19-Apr-20	Monday	Workday	6:00 AM	1- Morning	37	26
Sun 19 Apr 2020 07 00	19-Apr-20	Monday	Workday	7:00 AM	1- Morning	122	176
Sun 19 Apr 2020 08 00	19-Apr-20	Monday	Workday	8:00 AM	1- Morning	270	291
Sun 19 Apr 2020 09 00	19-Apr-20	Monday	Workday		1- Morning		381
				9:00 AM	-	338	
Sun 19 Apr 2020 10 00	19-Apr-20	Monday	Workday	10 00 AM	1- Morning	408	473
Sun 19 Apr 2020 11 00	19-Apr-20	Monday	Workday	11 00 AM	1- Morning	381	479
Sun 19 Apr 2020 12 00	19-Apr-20	Monday	Workday	12 00 PM	2 - Afternoon	355	470
Sun 19 Apr 2020 13 00	19-Apr-20	Monday	Workday	1:00 PM	2 - Afternoon	353	471
Sun 19 Apr 2020 14 00	19-Apr-20	Monday	Workday	2:00 PM	2 - Afternoon	427	581
Sun 19 Apr 2020 15 00	19-Apr-20	Monday	Workday	3:00 PM	2 - Afternoon	427	669
Sun 19 Apr 2020 16 00	19-Apr-20	Monday	Workday	4:00 PM	2 - Afternoon	473	591
Sun 19 Apr 2020 17 00	19-Apr-20	Monday	Workday	5:00 PM	2 - Afternoon	346	517
Sun 19 Apr 2020 18 00	19-Apr-20	Monday	Workday	6:00 PM	3 - Evening	235	417
Sun 19 Apr 2020 19 00	19-Apr-20	Monday	Workday	7:00 PM	3 - Evening	158	328
Sun 19 Apr 2020 20 00	19-Apr-20	Monday	Workday	8:00 PM	3 - Evening	40	142
Sun 19 Apr 2020 21 00	19-Apr-20	Monday	Workday	9:00 PM	3 - Evening	9	8
Sun 19 Apr 2020 22 00	19-Apr-20	Monday	Workday	10 00 PM	4 - Night	2	11
Sun 19 Apr 2020 23 00		Monday	Workday		4 - Night	4	4
	19-Apr-20			11 00 PM			
Mon 20 Apr 2020 00:00	20-Apr-20	Tuesday	Workday	12 00 AM	4 - Night	0	1
Mon 20 Apr 2020 01:00	20-Apr-20	Tuesday	Workday	1:00 AM	4 - Night	0	0
Mon 20 Apr 2020 02:00							
	20-Anr-20	Tuesday	Workday	2:00 AM	4 - Niaht	0	Λ
Man 20 4 0000 00 00	20-Apr-20	Tuesday	Workday	2:00 AM	4 - Night	0	0
Mon 20 Apr 2020 03:00	20-Apr-20	Tuesday	Workday	3:00 AM	4 - Night	0	0
Mon 20 Apr 2020 03:00 Mon 20 Apr 2020 04:00		-					

Mon 20 Apr 2020 05:00	20-Apr-20	Tuesday	Workday	5:00 AM	4 - Night	9	10
Mon 20 Apr 2020 06:00	20-Apr-20	Tuesday	Workday	6:00 AM	1- Morning	57	59
Mon 20 Apr 2020 07:00	20-Apr-20	Tuesday	Workday	7:00 AM	1- Morning	125	142
Mon 20 Apr 2020 08:00	20-Apr-20	Tuesday	Workday	8:00 AM	1- Morning	118	160
Mon 20 Apr 2020 09:00	20-Apr-20	Tuesday	Workday	9:00 AM	1- Morning	132	153
Mon 20 Apr 2020 10:00	20-Apr-20	Tuesday	Workday	10 00 AM	1- Morning	165	237
Mon 20 Apr 2020 11:00	20-Apr-20	Tuesday	Workday	11 00 AM	1- Morning	155	240

Mon 20 Apr 2020 12:00	20-Apr-20	Tuesday	Workday	12 00 PM	2 - Afternoon	182	262
Mon 20 Apr 2020 13:00	20-Apr-20	Tuesday	Workday	1:00 PM	2 - Afternoon	246	348
Mon 20 Apr 2020 14:00	20-Apr-20	Tuesday	Workday	2:00 PM	2 - Afternoon	274	373
Mon 20 Apr 2020 15:00	20-Apr-20	Tuesday	Workday	3:00 PM	2 - Afternoon	369	475
		•	•				
Mon 20 Apr 2020 16:00	20-Apr-20	Tuesday	Workday	4:00 PM	2 - Afternoon	476	650
Mon 20 Apr 2020 17:00	20-Apr-20	Tuesday	Workday	5:00 PM	2 - Afternoon	505	646
Mon 20 Apr 2020 18:00	20-Apr-20	Tuesday	Workday	6:00 PM	3 - Evening	565	714
Mon 20 Apr 2020 19:00	20-Apr-20	Tuesday	Workday	7:00 PM	3 - Evening	265	460
Mon 20 Apr 2020 20:00	20-Apr-20	Tuesday	Workday	8:00 PM	3 - Evening	59	153
Mon 20 Apr 2020 21:00	20-Apr-20	Tuesday	Workday	9:00 PM	3 - Evening	11	29
Mon 20 Apr 2020 22:00	20-Apr-20	Tuesday	Workday	10 00 PM	4 - Night	7	4
Mon 20 Apr 2020 23:00	20-Apr-20	Tuesday	Workday	11 00 PM	4 - Night	0	3
		•	Workday	12 00 AM	-		
Tue 21 Apr 2020 00 00	21-Apr-20	,			4 - Night	0	6
Tue 21 Apr 2020 01 00	21-Apr-20	Wednesday	Workday	1:00 AM	4 - Night	0	0
Tue 21 Apr 2020 02 00	21-Apr-20	Wednesday	Workday	2:00 AM	4 - Night	0	0
Tue 21 Apr 2020 03 00	21-Apr-20	Wednesday	Workday	3:00 AM	4 - Night	0	0
Tue 21 Apr 2020 04 00	21-Apr-20	Wednesday	Workday	4:00 AM	4 - Night	0	2
Tue 21 Apr 2020 05 00	21-Apr-20	Wednesday	Workday	5:00 AM	4 - Night	9	6
Tue 21 Apr 2020 06 00	21-Apr-20	Wednesday	Workday	6:00 AM	1- Morning	75	69
Tue 21 Apr 2020 07 00	21-Apr-20		Workday	7:00 AM	1- Morning	173	170
			•		-		
Tue 21 Apr 2020 08 00	21-Apr-20		Workday	8:00 AM	1- Morning	136	208
Tue 21 Apr 2020 09 00	21-Apr-20	Wednesday	Workday	9:00 AM	1- Morning	190	197
Tue 21 Apr 2020 10 00	21-Apr-20	Wednesday	Workday	10 00 AM	1- Morning	191	246
Tue 21 Apr 2020 11 00	21-Apr-20	Wednesday	Workday	11 00 AM	1- Morning	192	244
Tue 21 Apr 2020 12 00	21-Apr-20	Wednesday	Workday	12 00 PM	2 - Afternoon	218	358
Tue 21 Apr 2020 13 00	21-Apr-20	Wednesday	Workday	1:00 PM	2 - Afternoon	231	299
Tue 21 Apr 2020 14 00	21-Apr-20	Wednesday	Workday	2:00 PM	2 - Afternoon	250	345
Tue 21 Apr 2020 15 00	21-Apr-20	Wednesday	Workday	3:00 PM	2 - Afternoon	310	458
Tue 21 Apr 2020 16 00	21-Apr-20		Workday	4:00 PM	2 - Afternoon	345	502
	•	,					
Tue 21 Apr 2020 17 00	21-Apr-20	Wednesday	Workday	5:00 PM	2 - Afternoon	429	524
Tue 21 Apr 2020 18 00	21-Apr-20	Wednesday	Workday	6:00 PM	3 - Evening	348	483
Tue 21 Apr 2020 19 00	21-Apr-20	Wednesday	Workday	7:00 PM	3 - Evening	173	262
Tue 21 Apr 2020 20 00	21-Apr-20	Wednesday	Workday	8:00 PM	3 - Evening	19	80
Tue 21 Apr 2020 21 00	21-Apr-20	Wednesday	Workday	9:00 PM	3 - Evening	5	9
Tue 21 Apr 2020 22 00	21-Apr-20	Wednesday	Workday	10 00 PM	4 - Night	5	8
Tue 21 Apr 2020 23 00	21-Apr-20	Wednesday	Workday	11 00 PM	4 - Night	0	2
	•		Workday		-	0	
Wed 22 Apr 2020 00 00	22-Apr-20	Thursday		12 00 AM	4 - Night		0
Wed 22 Apr 2020 01 00	22-Apr-20	Thursday	Workday	1:00 AM	4 - Night	0	2
Wed 22 Apr 2020 02 00	22-Apr-20	Thursday	Workday	2:00 AM	4 - Night	0	1
Wed 22 Apr 2020 03 00	22-Apr-20	Thursday	Workday	3:00 AM	4 - Night	0	0
Wed 22 Apr 2020 04 00	22-Apr-20	Thursday	Workday	4:00 AM	4 - Night	0	0
Wed 22 Apr 2020 05 00	22-Apr-20	Thursday	Workday	5:00 AM	4 - Night	1	5
Wed 22 Apr 2020 06 00	22-Apr-20	Thursday	Workday	6:00 AM	1- Morning	25	30
Wed 22 Apr 2020 07 00	22-Apr-20	Thursday	Workday	7:00 AM	1- Morning	40	63
Wed 22 Apr 2020 08 00	22-Apr-20	Thursday	Workday	8:00 AM	1- Morning	38	66
		•	•		-		
Wed 22 Apr 2020 09 00	22-Apr-20	Thursday	Workday	9:00 AM	1- Morning	24	18
Wed 22 Apr 2020 10 00	22-Apr-20	Thursday	Workday	10 00 AM	1- Morning	21	42
Wed 22 Apr 2020 11 00	22-Apr-20	Thursday	Workday	11 00 AM	1- Morning	13	20
Wed 22 Apr 2020 12 00	22-Apr-20	Thursday	Workday	12 00 PM	2 - Afternoon	12	21
Wed 22 Apr 2020 13 00	22-Apr-20	Thursday	Workday	1:00 PM	2 - Afternoon	26	22
Wed 22 Apr 2020 14 00	22-Apr-20	Thursday	Workday	2:00 PM	2 - Afternoon	47	46
Wed 22 Apr 2020 15 00	22-Apr-20	Thursday	Workday	3:00 PM	2 - Afternoon	78	90
Wed 22 Apr 2020 16 00	22-Apr-20	Thursday	Workday	4:00 PM	2 - Afternoon	127	151
		,	•		2 - Afternoon		
Wed 22 Apr 2020 17 00	22-Apr-20	Thursday	Workday	5:00 PM		173	201
Wed 22 Apr 2020 18 00	22-Apr-20	Thursday	Workday	6:00 PM	3 - Evening	204	281
Wed 22 Apr 2020 19 00	22-Apr-20	Thursday	Workday	7:00 PM	3 - Evening	209	270
Wed 22 Apr 2020 20 00	22-Apr-20	Thursday	Workday	8:00 PM	3 - Evening	60	150
Wed 22 Apr 2020 21 00	22-Apr-20	Thursday	Workday	9:00 PM	3 - Evening	9	27
Wed 22 Apr 2020 22 00	22-Apr-20	Thursday	Workday	10 00 PM	4 - Night	0	10
Wed 22 Apr 2020 23 00	22-Apr-20	Thursday	Workday	11 00 PM	4 - Night	0	1
Thu 23 Apr 2020 00 00	23-Apr-20	Friday	Workday	12 00 AM	4 - Night	0	0
Thu 23 Apr 2020 01 00	23-Apr-20	Friday	Workday	1:00 AM	4 - Night	0	4
Thu 23 Apr 2020 01 00	23-Apr-20	Friday	Workday	2:00 AM	4 - Night	0	4 0
Thu 23 Apr 2020 02 00 Thu 23 Apr 2020 03 00	23-Apr-20 23-Apr-20	Friday	Workday	3:00 AM	4 - Night	0	0
		-					
Thu 23 Apr 2020 04 00	23-Apr-20	Friday	Workday	4:00 AM	4 - Night	0	0
Thu 23 Apr 2020 05 00	23-Apr-20	Friday	Workday	5:00 AM	4 - Night	5	0
Thu 23 Apr 2020 06 00	23-Apr-20	Friday	Workday	6:00 AM	1- Morning	56	61
Thu 23 Apr 2020 07 00	23-Apr-20	Friday	Workday	7:00 AM	1- Morning	98	147
Thu 23 Apr 2020 08 00	23-Apr-20	Friday	Workday	8:00 AM	1- Morning	46	151
Thu 23 Apr 2020 09 00	23-Apr-20	Friday	Workday	9:00 AM	1- Morning	102	126
Thu 23 Apr 2020 10 00	23-Apr-20	Friday	Workday	10 00 AM	1- Morning	157	180
Thu 23 Apr 2020 11 00	23-Apr-20	Friday	Workday	11 00 AM	1- Morning	115	181
Thu 23 Apr 2020 12 00	23-Apr-20	Friday	Workday		2 - Afternoon		186
		Friday		12 00 PM		124	
Thu 23 Apr 2020 13 00	23-Apr-20	,	Workday	1:00 PM	2 - Afternoon	202	261
Thu 23 Apr 2020 14 00	23-Apr-20	Friday	Workday	2:00 PM	2 - Afternoon	335	430
Thu 23 Apr 2020 15 00	23-Apr-20	Friday	Workday	3:00 PM	2 - Afternoon	382	546
Thu 23 Apr 2020 16 00	23-Apr-20	Friday	Workday	4:00 PM	2 - Afternoon	447	577
Thu 23 Apr 2020 17 00	23-Apr-20	Friday	Workday	5:00 PM	2 - Afternoon	571	691
Thu 23 Apr 2020 18 00	23-Apr-20	Friday	Workday	6:00 PM	3 - Evening	537	678
Thu 23 Apr 2020 19 00	23-Apr-20	Friday	Workday	7:00 PM	3 - Evening	328	535
Thu 23 Apr 2020 20 00	23-Apr-20	Friday	Workday	8:00 PM	3 - Evening	53	249
Thu 23 Apr 2020 21 00	23-Apr-20	Friday	Workday	9:00 PM	3 - Evening	5	48
Thu 23 Apr 2020 22 00	23-Apr-20	Friday	Workday	10 00 PM	4 - Night	6	11
Thu 23 Apr 2020 23 00	23-Apr-20	Friday	Workday	11 00 PM	4 - Night	0	3
Fri 24 Apr 2020 00:00	24-Apr-20	Saturday	Weekend	12 00 AM	4 - Night	1	2
Fri 24 Apr 2020 01:00	24-Apr-20	Saturday	Weekend	1:00 AM	4 - Night	0	5
Fri 24 Apr 2020 02:00	24-Apr-20	Saturday	Weekend	2:00 AM	4 - Night	0	2
Fri 24 Apr 2020 03:00	24-Apr-20	Saturday	Weekend	3:00 AM	4 - Night	0	0
Fri 24 Apr 2020 04:00	24-Apr-20	Saturday	Weekend	4:00 AM	4 - Night	1	3
Fri 24 Apr 2020 05:00	24-Apr-20	Saturday	Weekend	5:00 AM	4 - Night	3	2
Fri 24 Apr 2020 05:00	24-Apr-20 24-Apr-20	Saturday	Weekend	6:00 AM	1- Morning	83	52
1112- 11p1 2020 00.00	24-741 - 20	Galuiday	**CONCINU	0.00 AW	Monning	00	52

Fri 24 Apr 2020 07:00	24-Apr-20	Saturday	Weekend	7:00 AM	1- Morning	151	172
Fri 24 Apr 2020 08:00	24-Apr-20	Saturday	Weekend	8:00 AM	1- Morning	160	173
					-		
Fri 24 Apr 2020 09:00	24-Apr-20	Saturday	Weekend	9:00 AM	1- Morning	150	196
Fri 24 Apr 2020 10:00	24-Apr-20	Saturday	Weekend	10 00 AM	1- Morning	179	266
Fri 24 Apr 2020 11:00	24-Apr-20	Saturday	Weekend	11 00 AM	1- Morning	226	343
Fri 24 Apr 2020 12:00	24-Apr-20	Saturday	Weekend	12 00 PM	2 - Afternoon	269	378
Fri 24 Apr 2020 13:00	24-Apr-20	Saturday	Weekend	1:00 PM	2 - Afternoon	272	420
Fri 24 Apr 2020 14:00	24-Apr-20	Saturday	Weekend	2:00 PM	2 - Afternoon	339	382
Fri 24 Apr 2020 15:00	24-Apr-20	Saturday	Weekend	3:00 PM	2 - Afternoon	379	409
Fri 24 Apr 2020 16:00	24-Apr-20	Saturday	Weekend	4:00 PM	2 - Afternoon	372	465
Fri 24 Apr 2020 17:00	24-Apr-20	Saturday	Weekend	5:00 PM	2 - Afternoon	395	508
Fri 24 Apr 2020 18:00	24-Apr-20	Saturday	Weekend	6:00 PM	3 - Evening	296	407
Fri 24 Apr 2020 19:00	24-Apr-20	Saturday	Weekend	7:00 PM	3 - Evening	171	298
Fri 24 Apr 2020 20:00	24-Apr-20	Saturday	Weekend	8:00 PM	3 - Evening	34	133
Fri 24 Apr 2020 21:00	24-Apr-20	Saturday	Weekend	9:00 PM	3 - Evening	13	26
					4 - Night	5	8
Fri 24 Apr 2020 22:00	24-Apr-20	Saturday	Weekend	10 00 PM			
Fri 24 Apr 2020 23:00	24-Apr-20	Saturday	Weekend	11 00 PM	4 - Night	2	3
Sat 25 Apr 2020 00:00	25-Apr-20	Sunday	Weekend	12 00 AM	4 - Night	0	9
Sat 25 Apr 2020 01:00	25-Apr-20	Sunday	Weekend	1:00 AM	4 - Night	0	0
Sat 25 Apr 2020 02:00	25-Apr-20	Sunday	Weekend	2:00 AM	4 - Night	2	0
Sat 25 Apr 2020 03:00	25-Apr-20	Sunday	Weekend	3:00 AM	4 - Night	0	0
Sat 25 Apr 2020 04:00	25-Apr-20	Sunday	Weekend	4:00 AM	4 - Night	0	0
Sat 25 Apr 2020 05:00	25-Apr-20	Sunday	Weekend	5:00 AM	4 - Night	0	0
Sat 25 Apr 2020 06:00	25-Apr-20	Sunday	Weekend	6:00 AM	1- Morning	18	12
Sat 25 Apr 2020 07:00	25-Apr-20	Sunday	Weekend	7:00 AM	1- Morning	19	19
Sat 25 Apr 2020 08:00	25-Apr-20	Sunday	Weekend	8:00 AM	1- Morning	18	24
					-		
Sat 25 Apr 2020 09:00	25-Apr-20	Sunday	Weekend	9:00 AM	1- Morning	28	14
Sat 25 Apr 2020 10:00	25-Apr-20	Sunday	Weekend	10 00 AM	1- Morning	30	34
Sat 25 Apr 2020 11:00	25-Apr-20	Sunday	Weekend	11 00 AM	1- Morning	122	125
Sat 25 Apr 2020 12:00	25-Apr-20	Sunday	Weekend	12 00 PM	2 - Afternoon	230	250
Sat 25 Apr 2020 13:00	25-Apr-20	Sunday	Weekend	1:00 PM	2 - Afternoon	447	497
Sat 25 Apr 2020 14:00	25-Apr-20	Sunday	Weekend	2:00 PM	2 - Afternoon	582	700
Sat 25 Apr 2020 15:00	25-Apr-20	Sunday	Weekend	3:00 PM	2 - Afternoon	458	614
Sat 25 Apr 2020 16:00	25-Apr-20	Sunday	Weekend	4:00 PM	2 - Afternoon	312	563
Sat 25 Apr 2020 17:00	25-Apr-20	Sunday	Weekend	5:00 PM	2 - Afternoon	206	405
Sat 25 Apr 2020 18:00	25-Apr-20	Sunday	Weekend	6:00 PM	3 - Evening	192	283
Sat 25 Apr 2020 19:00	25-Apr-20	Sunday	Weekend	7:00 PM	3 - Evening	114	195
Sat 25 Apr 2020 20:00	25-Apr-20	Sunday	Weekend	8:00 PM	3 - Evening	17	57
Sat 25 Apr 2020 21:00	25-Apr-20	Sunday	Weekend	9:00 PM	3 - Evening	2	20
Sat 25 Apr 2020 22:00	25-Apr-20	Sunday	Weekend	10 00 PM	4 - Night	9	13
					-	0	
Sat 25 Apr 2020 23:00	25-Apr-20	Sunday	Weekend	11 00 PM	4 - Night		8
Sun 26 Apr 2020 00 00	26-Apr-20	Monday	Workday	12 00 AM	4 - Night	1	1
Sun 26 Apr 2020 01 00	26-Apr-20	Monday	Workday	1:00 AM	4 - Night	1	4
Sun 26 Apr 2020 02 00	26-Apr-20	Monday	Workday	2:00 AM	4 - Night	0	0
Sun 26 Apr 2020 03 00	26-Apr-20	Monday	Workday	3:00 AM	4 - Night	1	0
			-				
Sun 26 Apr 2020 04 00	26-Apr-20	Monday	Workday	4:00 AM	4 - Night	1	0
Sun 26 Apr 2020 05 00	26-Apr-20	Monday	Workday	5:00 AM	4 - Night	1	2
Sun 26 Apr 2020 06 00	26-Apr-20	Monday	Workday	6:00 AM	1- Morning	28	33
Sun 26 Apr 2020 07 00	26-Apr-20	Monday	Workday	7:00 AM	1- Morning	116	97
Sun 26 Apr 2020 08 00	26-Apr-20	Monday	Workday	8:00 AM	1- Morning	224	266
							378
Sun 26 Apr 2020 09 00	26-Apr-20	Monday	Workday	9:00 AM	1- Morning	277	
Sun 26 Apr 2020 10 00	26-Apr-20	Monday	Workday	10 00 AM	1- Morning	234	265
Sun 26 Apr 2020 11 00	26-Apr-20	Monday	Workday	11 00 AM	1- Morning	202	289
Sun 26 Apr 2020 12 00	26-Apr-20	Monday	Workday	12 00 PM	2 - Afternoon	258	328
Sun 26 Apr 2020 13 00	26-Apr-20	Monday	Workday	1:00 PM	2 - Afternoon	311	341
Sun 26 Apr 2020 14 00	26-Apr-20	Monday	Workday	2:00 PM	2 - Afternoon	419	527
Sun 26 Apr 2020 15 00	26-Apr-20	Monday	Workday	3:00 PM	2 - Afternoon	470	546
Sun 26 Apr 2020 16 00	26-Apr-20	Monday	Workday	4:00 PM	2 - Afternoon	400	547
Sun 26 Apr 2020 17 00	26-Apr-20	Monday	Workday	5:00 PM	2 - Afternoon	281	412
Sun 26 Apr 2020 18 00	26-Apr-20	Monday	Workday	6:00 PM	3 - Evening	158	328
Sun 26 Apr 2020 19 00	26-Apr-20	Monday	Workday	7:00 PM	3 - Evening		173
			Workday			87	
Sun 26 Apr 2020 20 00	26-Apr-20	Monday	,	8:00 PM	3 - Evening	21	63
Sun 26 Apr 2020 21 00	26-Apr-20	Monday	Workday	9:00 PM	3 - Evening	2	6
Sun 26 Apr 2020 22 00	26-Apr-20	Monday	Workday	10 00 PM	4 - Night	0	2
Sun 26 Apr 2020 23 00	26-Apr-20	Monday	Workday	11 00 PM	4 - Night	2	3
Mon 27 Apr 2020 00:00	27-Apr-20	Tuesday	Workday	12 00 AM	4 - Night	0	1
Mon 27 Apr 2020 01:00	27-Apr-20	Tuesday	Workday	1:00 AM	4 - Night	2	4
		-					
Mon 27 Apr 2020 02:00	27-Apr-20	Tuesday	Workday	2:00 AM	4 - Night	0	0
Mon 27 Apr 2020 03:00	27-Apr-20	Tuesday	Workday	3:00 AM	4 - Night	0	0
Mon 27 Apr 2020 04:00	27-Apr-20	Tuesday	Workday	4:00 AM	4 - Night	0	0
Mon 27 Apr 2020 05:00	27-Apr-20	Tuesday	Workday	5:00 AM	4 - Night	1	1
Mon 27 Apr 2020 06:00	27-Apr-20	Tuesday	Workday	6:00 AM	1- Morning	47	43
		-					
Mon 27 Apr 2020 07:00	27-Apr-20	Tuesday	Workday	7:00 AM	1- Morning	124	166
Mon 27 Apr 2020 08:00	27-Apr-20	Tuesday	Workday	8:00 AM	1- Morning	120	138
Mon 27 Apr 2020 09:00	27-Apr-20	Tuesday	Workday	9:00 AM	1- Morning	159	265
Mon 27 Apr 2020 10:00	27-Apr-20	Tuesday	Workday	10 00 AM	1- Morning	49	98
Mon 27 Apr 2020 11:00	27-Apr-20	Tuesday	Workday	11 00 AM	1- Morning	32	53
		-	-		-		
Mon 27 Apr 2020 12:00	27-Apr-20	Tuesday	Workday	12 00 PM	2 - Afternoon	99	115
Mon 27 Apr 2020 13:00	27-Apr-20	Tuesday	Workday	1:00 PM	2 - Afternoon	203	315
Mon 27 Apr 2020 14:00	27-Apr-20	Tuesday	Workday	2:00 PM	2 - Afternoon	291	384
Mon 27 Apr 2020 15:00	27-Apr-20	Tuesday	Workday	3:00 PM	2 - Afternoon	334	461
Mon 27 Apr 2020 16:00	27-Apr-20	Tuesday	Workday		2 - Afternoon		
		-	-	4:00 PM		389	548
Mon 27 Apr 2020 17:00	27-Apr-20	Tuesday	Workday	5:00 PM	2 - Afternoon	591	656
Mon 27 Apr 2020 18:00	27-Apr-20	Tuesday	Workday	6:00 PM	3 - Evening	540	746
Mon 27 Apr 2020 19:00	27-Apr-20	Tuesday	Workday	7:00 PM	3 - Evening	341	566
Mon 27 Apr 2020 20:00	27-Apr-20	Tuesday	Workday	8:00 PM	3 - Evening	102	292
		-	-		-		
Mon 27 Apr 2020 21:00	27-Apr-20	Tuesday	Workday	9:00 PM	3 - Evening	10	46
Mon 27 Apr 2020 22:00	27-Apr-20	Tuesday	Workday	10 00 PM	4 - Night	4	10
Mon 27 Apr 2020 23:00	27-Apr-20	Tuesday	Workday	11 00 PM	4 - Night	0	5
Tue 28 Apr 2020 00 00	28-Apr-20	Wednesday	Workday	12 00 AM	4 - Night	0	3
Tue 28 Apr 2020 01 00	28-Apr-20		Workday	1:00 AM	4 - Night	0	0
1 de 20 Api 2020 01 00	20-Api-20	veunesuay	workuay	1.00 AIVI	4 - NIGHL	U	U

Tue 28 Apr 2020 02 00	28-Apr-20	Wednesday	Workday	2:00 AM	4 - Night	0	0
Tue 28 Apr 2020 03 00	28-Apr-20	Wednesday	Workday	3:00 AM	4 - Night	1	0
Tue 28 Apr 2020 04 00	28-Apr-20	Wednesday	Workday	4:00 AM	4 - Night	1	1
Tue 28 Apr 2020 05 00	28-Apr-20	Wednesday	Workday	5:00 AM	4 - Night	9	7
Tue 28 Apr 2020 06 00	28-Apr-20	Wednesday	Workday	6:00 AM	1- Morning	64	91
Tue 28 Apr 2020 07 00	28-Apr-20	Wednesday	Workday	7:00 AM	1- Morning	161	185
Tue 28 Apr 2020 08 00	28-Apr-20	Wednesday	Workday	8:00 AM	1- Morning	109	151
Tue 28 Apr 2020 09 00	28-Apr-20	Wednesday	Workday	9:00 AM	1- Morning	182	172
Tue 28 Apr 2020 10 00	28-Apr-20	Wednesday	Workday	10 00 AM	1- Morning	187	204
Tue 28 Apr 2020 11 00	28-Apr-20	Wednesday	Workday	11 00 AM	1- Morning	183	266

Tue 28 Apr 2020 12 00	28-Apr-20	Wednesday	Workday	12 00 PM	2 - Afternoon	161	241	
Tue 28 Apr 2020 13 00	28-Apr-20	Wednesday	Workday	1:00 PM	2 - Afternoon	136	209	
Tue 28 Apr 2020 14 00	28-Apr-20	Wednesday	Workday	2:00 PM	2 - Afternoon	121	178	
Tue 28 Apr 2020 15 00	28-Apr-20	Wednesday	Workday	3:00 PM	2 - Afternoon	142	211	
Tue 28 Apr 2020 16 00	28-Apr-20	Wednesday	Workday	4:00 PM	2 - Afternoon	119	164	
Tue 28 Apr 2020 17 00	28-Apr-20	Wednesday	Workday	5:00 PM	2 - Afternoon	134	173	
Tue 28 Apr 2020 18 00	28-Apr-20	Wednesday	Workday	6:00 PM	3 - Evening	137	197	
Tue 28 Apr 2020 19 00	28-Apr-20	Wednesday	Workday	7:00 PM	3 - Evening	150	188	
Tue 28 Apr 2020 20 00	28-Apr-20	Wednesday	Workday	8:00 PM	3 - Evening	62	150	
Tue 28 Apr 2020 21 00	28-Apr-20	Wednesday	Workday	9:00 PM	3 - Evening	3	26	
Tue 28 Apr 2020 22 00	28-Apr-20	Wednesday	Workday	10 00 PM	4 - Night	2	5	
Tue 28 Apr 2020 23 00	28-Apr-20	Wednesday	Workday	11 00 PM	4 - Night	0	3	
Wed 29 Apr 2020 00 00	29-Apr-20	Thursday	Workday	12 00 AM	4 - Night	0	0	
Wed 29 Apr 2020 01 00	29-Apr-20	Thursday	Workday	1:00 AM	4 - Night	0	0	
Wed 29 Apr 2020 02 00	29-Apr-20	Thursday	Workday	2:00 AM	4 - Night	0	0	
Wed 29 Apr 2020 03 00	29-Apr-20	Thursday	Workday	3:00 AM	4 - Night	0	0	
Wed 29 Apr 2020 04 00	29-Apr-20	Thursday	Workday	4:00 AM	4 - Night	1	1	
Wed 29 Apr 2020 05 00	29-Apr-20	Thursday	Workday	5:00 AM	4 - Night	4	1	
Wed 29 Apr 2020 06 00	29-Apr-20	Thursday	Workday	6:00 AM	1- Morning	78	57	
Wed 29 Apr 2020 07 00	29-Apr-20	Thursday	Workday	7:00 AM	1- Morning	146	161	
Wed 29 Apr 2020 08 00	29-Apr-20	Thursday	Workday	8:00 AM	1- Morning	122	176	
Wed 29 Apr 2020 09 00	29-Apr-20	Thursday	Workday	9:00 AM	1- Morning	142	208	
Wed 29 Apr 2020 10 00	29-Apr-20	Thursday	Workday	10 00 AM	1- Morning	111	182	
Wed 29 Apr 2020 11 00	29-Apr-20	Thursday	Workday	11 00 AM	1- Morning	125	154	
Wed 29 Apr 2020 12 00	29-Apr-20	Thursday	Workday	12 00 PM	2 - Afternoon	169	239	
Wed 29 Apr 2020 13 00	29-Apr-20	Thursday	Workday	1:00 PM	2 - Afternoon	194	250	
Wed 29 Apr 2020 14 00	29-Apr-20	Thursday	Workday	2:00 PM	2 - Afternoon	226	277	
Wed 29 Apr 2020 15 00	29-Apr-20	Thursday	Workday	3:00 PM	2 - Afternoon	231	332	
Wed 29 Apr 2020 16 00 Wed 29 Apr 2020 16 00	29-Apr-20	Thursday	Workday	4:00 PM	2 - Afternoon	185	279	
Wed 29 Apr 2020 10 00 Wed 29 Apr 2020 17 00	29-Apr-20	Thursday	Workday	5:00 PM	2 - Afternoon	201	261	
Wed 29 Apr 2020 17 00 Wed 29 Apr 2020 18 00	29-Apr-20 29-Apr-20	Thursday	Workday	6:00 PM	3 - Evening	112	219	
Wed 29 Apr 2020 18 00 Wed 29 Apr 2020 19 00	29-Apr-20 29-Apr-20	Thursday	Workday	7:00 PM	3 - Evening 3 - Evening	21	51	
	29-Apr-20 29-Apr-20	Thursday	Workday	8:00 PM	3 - Evening 3 - Evening	9	24	
Wed 29 Apr 2020 20 00 Wed 29 Apr 2020 21 00	29-Apr-20 29-Apr-20	Thursday	Workday		3 - Evening 3 - Evening	3	24 8	
Wed 29 Apr 2020 21 00				9:00 PM	0			
Wed 29 Apr 2020 22 00	29-Apr-20	Thursday	Workday	10 00 PM	4 - Night	7	4	
Wed 29 Apr 2020 23 00	29-Apr-20	Thursday	Workday	11 00 PM	4 - Night	0	3	0
NORTH LAGOON DR HOSE STARTED	30-Apr-20	Friday	Workday	12 00 AM	4 - Night	0	0	0
	30-Apr-20	Friday	Workday	1:00 AM	4 - Night	0	0	0
	30-Apr-20	Friday	Workday	2:00 AM	4 - Night	0	0	0
	30-Apr-20	Friday	Workday	3:00 AM	4 - Night	0	1	0
	30-Apr-20	Friday	Workday	4:00 AM	4 - Night	0	0	0
	30-Apr-20	Friday	Workday	5:00 AM	4 - Night	5	9	0
	30-Apr-20	Friday	Workday	6:00 AM	1- Morning	66	66	0
	30-Apr-20	Friday	Workday	7:00 AM	1- Morning	173	192	0
	30-Apr-20	Friday	Workday	8:00 AM	1- Morning	153	258	0
	30-Apr-20	Friday	Workday	9:00 AM	1- Morning	192	276	107
	30-Apr-20	Friday	Workday	10 00 AM	1- Morning	247	356	124
	30-Apr-20	Friday	Workday	11 00 AM	1- Morning	349	472	177
	30-Apr-20	Friday	Workday	12 00 PM	2 - Afternoon	355	436	168
	30-Apr-20	Friday	Workday	1:00 PM	2 - Afternoon	354	501	155
	30-Apr-20	Friday	Workday	2:00 PM	2 - Afternoon	366	527	176
	30-Apr-20	Friday	Workday	3:00 PM	2 - Afternoon	435	525	196
	30-Apr-20	Friday	Workday	4:00 PM	2 - Afternoon	555	669	269
	30-Apr-20	Friday	Workday	5:00 PM	2 - Afternoon	604	722	293
	30-Apr-20	Friday	Workday	6:00 PM	3 - Evening	561	741	248
	30-Apr-20	Friday	Workday	7:00 PM	3 - Evening	349	559	133
	30-Apr-20	Friday	Workday	8:00 PM	3 - Evening	95	289	47
	30-Apr-20	Friday	Workday	9:00 PM	3 - Evening	10	46	8
	30-Apr-20	Friday	Workday	10 00 PM	4 - Night	4	17	3
	30-Apr-20	Friday	Workday	11 00 PM	4 - Night	1	1	2
	1-May-20	Saturday	Weekend	12 00 AM	4 - Night	2	1	1
	1-May-20	Saturday	Weekend	1:00 AM	4 - Night	0	2	3
	1-May-20	Saturday	Weekend	2:00 AM	4 - Night	0	- 1	0
	1-May-20	Saturday	Weekend	3:00 AM	4 - Night	0	0	0
	1-May-20	Saturday	Weekend	4:00 AM	4 - Night	1	2	1
	1-May-20	Saturday	Weekend	5:00 AM	4 - Night	8	6	4
	1-May-20	Saturday	Weekend	6:00 AM	1- Morning	91	84	38
	1-May-20	Saturday	Weekend	7:00 AM	1- Morning	183	218	93
	1-May-20	Saturday	Weekend	8:00 AM	1- Morning	157	223	68
	1-May-20	Saturday	Weekend	9:00 AM	1- Morning	200	261	85
	1-May-20	Saturday	Weekend	10 00 AM	1- Morning	269	312	102
	1-May-20	Saturday	Weekend	11 00 AM	1- Morning	284	412	141
	1-May-20	Saturday	Weekend	12 00 PM	2 - Afternoon	345	412	152
	1-May-20	Saturday	Weekend	1:00 PM	2 - Afternoon	331	521	131
	1-May-20	Saturday	Weekend	2:00 PM	2 - Afternoon	416	556	162
	1-May-20	Saturday	Weekend	3:00 PM	2 - Afternoon	436	661	102
	1-May-20	Saturday	Weekend	4:00 PM	2 - Afternoon	430	608	138
	1-May-20	Saturday	Weekend	5:00 PM	2 - Afternoon	462	626	156
	1-May-20	Saturday	Weekend	6:00 PM	3 - Evening	368	516	90
		Saturday	Weekend					90 67
	1-May-20			7:00 PM 8:00 PM	3 - Evening	222	353	
	1-May-20	Saturday	Weekend	8:00 PM	3 - Evening	63	220	21
	1-May-20	Saturday	Weekend	9:00 PM	3 - Evening	6	45	0
	1-May-20	Saturday	Weekend	10 00 PM	4 - Night	6	18	2
	1-May-20	Saturday	Weekend	11 00 PM	4 - Night	4	5	1
	2-May-20	Sunday	Weekend	12 00 AM	4 - Night	0	8	0
	2-May-20	Sunday	Weekend	1:00 AM	4 - Night	0	0	0
	2-May-20	Sunday	Weekend	2:00 AM	4 - Night	1	0	0
	2-May-20	Sunday	Weekend	3:00 AM	4 - Night	1	0	1
	2-May-20	Sunday	Weekend	4:00 AM	4 - Night	0	0	0
	2-May-20	Sunday	Weekend	5:00 AM	4 - Night	0	2	1
	2-May-20	Sunday	Weekend	6:00 AM	1- Morning	11	17	8

2-May-20	Sunday	Weekend	7:00 AM	1- Morning	47	62	19
2-May-20	Sunday	Weekend	8:00 AM	1- Morning	133	174	54
2-May-20	Sunday	Weekend	9:00 AM	1- Morning	113	132	44
2-May-20	Sunday	Weekend	10 00 AM	1- Morning	47	56	22
2-May-20	Sunday	Weekend	11 00 AM	1- Morning	62	74	33
2-May-20	Sunday	Weekend	12 00 PM	2 - Afternoon	66	88	37
2-May-20	Sunday	Weekend	1:00 PM	2 - Afternoon	57	77	22
2-May-20	Sunday	Weekend	2:00 PM	2 - Afternoon	36	67	12
2-May-20	Sunday	Weekend	3:00 PM	2 - Afternoon	35	37	15
2-May-20	Sunday	Weekend	4:00 PM	2 - Afternoon	62	111	32
2-May-20	Sunday	Weekend	5:00 PM	2 - Afternoon	37	58	13
2-May-20	Sunday	Weekend	6:00 PM	3 - Evening	67	93	26
2-May-20	Sunday	Weekend	7:00 PM	3 - Evening	133	170	45
2-May-20	Sunday	Weekend	8:00 PM	3 - Evening	99	209	44
2-May-20	Sunday	Weekend	9:00 PM	3 - Evening	13	49	5
2-May-20	Sunday	Weekend	10 00 PM	4 - Night	3	6	0
2-May-20	Sunday	Weekend	11 00 PM	4 - Night	0	4	0
3-May-20	Monday	Workday	12 00 AM	4 - Night	0	1	0
3-May-20	Monday	Workday	1:00 AM	4 - Night	1	0	0
3-May-20	Monday	Workday	2:00 AM	4 - Night	0	2	0
3-May-20	Monday	Workday	3:00 AM	4 - Night	0	0	0
3-May-20	Monday	Workday	4:00 AM	4 - Night	0	0	0
3-May-20	Monday	Workday	5:00 AM	4 - Night	2	2	0
3-May-20	Monday	Workday	6:00 AM	1- Morning	19	31	16
3-May-20	Monday	Workday	7:00 AM	1- Morning	95	95	49
3-May-20	Monday	Workday	8:00 AM	1- Morning	181	221	69
3-May-20	Monday	Workday	9:00 AM	1- Morning	258	352	149
3-May-20	Monday	Workday	10 00 AM	1- Morning	384	497	210
3-May-20	Monday	Workday	11 00 AM	1- Morning	447	604	198
3-May-20	Monday	Workday	12 00 PM	2 - Afternoon	509	646	204
3-May-20	Monday	Workday	1:00 PM	2 - Afternoon	436	607	163
3-May-20	Monday	Workday	2:00 PM	2 - Afternoon	304	450	124
3-May-20	Monday	Workday	3:00 PM	2 - Afternoon	410	592	143
3-May-20	Monday	Workday	4:00 PM	2 - Afternoon	463	623	160
3-May-20	Monday	Workday	5:00 PM	2 - Afternoon	374	557	133
3-May-20	Monday	Workday	6:00 PM	3 - Evening	267	436	109
3-May-20	Monday	Workday	7:00 PM	3 - Evening	235	444	86
3-May-20	Monday	Workday	8:00 PM	3 - Evening	80	256	38
3-May-20	Monday	Workday	9:00 PM	3 - Evening	5	50	8
3-May-20	Monday	Workday	10 00 PM	4 - Night	3	7	1
3-May-20	Monday	Workday	11 00 PM	4 - Night	1	6	1
3-May-20 3-May-20	Monday Monday	Workday Workday	9:00 PM 10 00 PM	3 - Evening 4 - Night	5 3	50 7	

8000 m of seawall length 2 m wide seawall

16000 sq.m. of seawall

750 cyclists in the park

21 sq.m per cyclist

8000 m of road length 7 m wide road

56000 sq.m. of road space

750 cyclists in the park

75 sq.m per cyclist

8000 m of seawall2 pedestrians per 10 metres10 m of space between them

800 groups of pedestrians 1600 pedestrians

From:	"Macdonald, Eliana" <eliana.macdonald@vancouver.ca></eliana.macdonald@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/7/2020 2:00:09 PM
Subject:	RE: SP Road Closure - Cycling Data Updated

Hi Emily,

I made some new pivot tables, and saved it in a new spreadsheet since I edited the table a bit.

Looking forward to hearing what you think 🔘

Thanks, Eliana.

From: Dunlop, Emily Sent: Thursday, May 7, 2020 12:52 PM To: Macdonald, Eliana Subject: SP Road Closure - Cycling Data Updated

Hi Eliana,

Thank you for showing me how to do Pivot Tables this morning! I received some updated data from Engineering for the full road closure timeline and organized it according to the previous table you made. Would you be able to generate an updated tables and charts that you made this morning?

Both spreadsheets (the original file you were working with for reference) and the updated excel file for the total data are located here:

H:\\Planning\\Planning & Research\\Parks\\Stanley Park\\SP Comprehensive Plan\\10.0_current_projects\\road_closures\\5_cycling_data

Any help you can provide on this would be great!

Thank you, Emily



Emily Dunlop, MBCSLA, CSLA, BLA | Park Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

To: "Dunlop, Emily" <emily.dunlop@vancouver.ca> Date: 6/1/2020 11:31:06 AM</emily.dunlop@vancouver.ca>	From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
	To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
	Date:	6/1/2020 11:31:06 AM
Subject: RE: Stanley Park Bike Data - Weekly Update - June 1, 2020	Subject:	RE: Stanley Park Bike Data - Weekly Update - June 1, 2020
Attachments: StanPark Counters - 2020-05-25_31.xlsx	Attachments:	StanPark Counters - 2020-05-25_31.xlsx

HI Emily,

Here is the Stanley Park data for last week, May 25-31, 2020.

Regards,

Josh

From: Pablo, Joshua Sent: Monday, May 25, 2020 11:52 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 25, 2020

Hi Emily,

Here is the Stanley Park data for last week, May 18-24, 2020. Data from Pipeline Rd is now included as well.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 19, 2020 12:02 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Emily,

Here is the Stanley Park data for last week, May 11-17, 2020. Please note that on Monday, May 11, the North Lagoon Counter seems to be misreporting, it would be best to not use that data.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 12, 2020 11:41 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better Ideal situation Prepresentation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a "good weather" and "poor weather" comparison.

Cheers,

Josh

From: Dunlop, Emily Sent: Tuesday, May 12, 2020 11:30 AM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Josh,

Thank you for this. So if I were to safely compare cyclists in Stanley Park to last year, should I be filtering out days that have been rainy from the current 2020 data?

Thanks, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 3:57 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

The average daily bike counts on the Stanley Park seawall in 2019 are as follows:

April Weekday - 1470 April Weekend - 2497

May Weekday - 2438 May Weekend - 4684

I only used "typical" dates and dates with good weather conditions (i.e. no rain, Easter Weekend NOT included) to provide a more accurate overall answer.

Let me know if you have any questions.

From: Dunlop, Emily Sent: Monday, May 11, 2020 1:15 PM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Thank you Josh!

I was hoping to provide a better reference on our graph for last year – and I had just a quick question regarding any data available for cyclists on the seawall last year. Do you know the average daily counts for cycling would have been? (either average for the whole year, or if you have it, average for the month of April and May separately?)

Thank you! Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 12:26 PM To: Dunlop, Emily Subject: Stanley Park Bike Data - Weekly Update - May 11, 2020 Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



DATE DA	ATE2 D	AY	WORK	TIME	DAYTIME	ROWING CLUB	SECOND BEACH	NORTH LAGOON DR	PIPELINE RD
Mon 25 May 2020 00:00 5-25		esday	Workday	0	4 - Night	0	3	0	0
Mon 25 May 2020 01:00 5-25		sday	Workday	1	4 - Night	0	0	0	0
Mon 25 May 2020 02:00 5-25		esday	Workday	2	4 - Night	0	0	1	0
Mon 25 May 2020 03:00 5-25 Mon 25 May 2020 04:00 5-25		esday esday	Workday Workday	3	4 - Night 4 - Night	0	0	0	0
Mon 25 May 2020 05:00 5-25		esday	Workday	5	4 - Night	3	2	1	0
Mon 25 May 2020 06:00 5-25		sday	Workday	6	1- Morning	16	16	10	0
Mon 25 May 2020 07:00 5-25		esday	Workday	7	1- Morning	37 23	33 33	16	4
Mon 25 May 2020 08:00 5-25 Mon 25 May 2020 09:00 5-25		esday esday	Workday Workday	8 9	1- Morning 1- Morning	23	18	11	17
Mon 25 May 2020 10:00 5-25		esday	Workday	10	1- Morning	24	13	12	6
Mon 25 May 2020 11:00 5-25		esday	Workday	11	1- Morning	30	43	20	22
Mon 25 May 2020 12:00 5-25		sday	Workday	12	2 - Afternoon	68	70	31	7
Mon 25 May 2020 13:00 5-25 Mon 25 May 2020 14:00 5-25		esday esday	Workday Workday	13 14	2 - Afternoon 2 - Afternoon	51 95	71 135	26 75	0
Mon 25 May 2020 15:00 5-25		esday	Workday	15	2 - Afternoon	124	187	70	12
Mon 25 May 2020 16:00 5-25	5-2020 Tue	sday	Workday	16	2 - Afternoon	205	245	137	24
Mon 25 May 2020 17:00 5-25		sday	Workday	17	2 - Afternoon	299	349	198	17
Mon 25 May 2020 18:00 5-25 Mon 25 May 2020 19:00 5-25		esday esday	Workday Workday	18 19	3 - Evening 3 - Evening	302 212	390 328	192 147	16 3
Mon 25 May 2020 20:00 5-25		esday	Workday	20	3 - Evening	105	198	75	4
Mon 25 May 2020 21:00 5-25		sday	Workday	21	3 - Evening	33	86	21	0
Mon 25 May 2020 22:00 5-25		sday	Workday	22	4 - Night	2	16	2	0
Mon 25 May 2020 23:00 5-25 Tue 26 May 2020 00 00 5-26		esday	Workday	23 0	4 - Night 4 - Night	0 3	<u>7</u> 6	0 2	0
Tue 26 May 2020 00 00 5 20				1	4 - Night	0	4	0	0
Tue 26 May 2020 02 00 5-26				2	4 - Night	4	0	0	0
Tue 26 May 2020 03 00 5-26				3	4 - Night	0	0	1	0
Tue 26 May 2020 04 00 5-26				4 5	4 - Night	0 16	2 17	1 7	0
Tue 26 May 2020 05 00 5-26 Tue 26 May 2020 06 00 5-26				5	4 - Night 1- Morning	91	87	59	4
Tue 26 May 2020 07 00 5-26				7	1- Morning	160	200	124	2
Tue 26 May 2020 08 00 5-26	6-2020 Wedr	nesday	Workday	8	1- Morning	111	154	77	9
Tue 26 May 2020 09 00 5-26				9	1- Morning	131	176	75	13
Tue 26 May 2020 10 00 5-26		-		10 11	1- Morning 1- Morning	203 290	276 299	133 8	22 40
Tue 26 May 2020 11 00 5-26 Tue 26 May 2020 12 00 5-26				12	2 - Afternoon	338	375	1	36
Tue 26 May 2020 13 00 5-26				13	2 - Afternoon	350	417	124	21
Tue 26 May 2020 14 00 5-26				14	2 - Afternoon	407	540	299	27
Tue 26 May 2020 15 00 5-26				15	2 - Afternoon	454 569	642 667	334 464	13 12
Tue 26 May 2020 16 00 5-26 Tue 26 May 2020 17 00 5-26		-		16 17	2 - Afternoon 2 - Afternoon	672	819	622	24
Tue 26 May 2020 18 00 5-26				18	3 - Evening	668	809	650	8
Tue 26 May 2020 19 00 5-26	6-2020 Wedr	nesday	Workday	19	3 - Evening	491	685	406	0
Tue 26 May 2020 20 00 5-26				20	3 - Evening	239	622	252	0
Tue 26 May 2020 21 00 5-26 Tue 26 May 2020 22 00 5-26				21 22	3 - Evening 4 - Night	49 7	257 35	<u> </u>	1 0
Tue 26 May 2020 23 00 5-26				22	4 - Night	0	3	4	0
Wed 27 May 2020 00:00 5-27		-	Workday	0	4 - Night	1	3	1	0
Wed 27 May 2020 01:00 5-27			Workday	1	4 - Night	0	0	0	0
Wed 27 May 2020 02:00 5-27 Wed 27 May 2020 03:00 5-27		rsday	Workday	2	4 - Night	2	0	0	0
Wed 27 May 2020 03:00 5-27 Wed 27 May 2020 04:00 5-27		rsday rsdav	Workday Workday	3	4 - Night 4 - Night	1	2	1	0
Wed 27 May 2020 05:00 5-27		rsday	Workday	5	4 - Night	27	23	13	0
Wed 27 May 2020 06:00 5-27		rsday	Workday	6	1- Morning	164	146	91	2
Wed 27 May 2020 07:00 5-27		rsday	Workday	7	1- Morning	245	260	173	8
Wed 27 May 2020 08:00 5-27 Wed 27 May 2020 09:00 5-27		rsday rsday	Workday Workday	8 9	1- Morning 1- Morning	202 229	225 308	168 167	
Wed 27 May 2020 10:00 5-27		rsday	Workday	10	1- Morning	315	355	204	
Wed 27 May 2020 11:00 5-27		rsday	Workday	11	1- Morning	309	386	227	
Wed 27 May 2020 12:00 5-27		rsday	Workday Workday	12 13	2 - Afternoon 2 - Afternoon	340	532	297	
Wed 27 May 2020 13:00 5-27 Wed 27 May 2020 14:00 5-27		rsday rsday	Workday	13	2 - Afternoon 2 - Afternoon	358 406	525 573	285 329	
Wed 27 May 2020 15:00 5-27		rsday	Workday	15	2 - Afternoon	370	608	381	
Wed 27 May 2020 16:00 5-27		rsday	Workday	16	2 - Afternoon	530	712	458	
Wed 27 May 2020 17:00 5-27		rsday	Workday	17	2 - Afternoon	580	726	558	
Wed 27 May 2020 18:00 5-27 Wed 27 May 2020 19:00 5-27		rsday rsday	Workday Workday	18 19	3 - Evening 3 - Evening	677 471	804 722	545 442	
Wed 27 May 2020 19:00 5-27 Wed 27 May 2020 20:00 5-27		rsday	Workday	20	3 - Evening	245	541	249	
Wed 27 May 2020 21:00 5-27	7-2020 Thu	rsday	Workday	21	3 - Evening	47	193	43	
Wed 27 May 2020 22:00 5-27		rsday	Workday	22	4 - Night	6	25	5	
Wed 27 May 2020 23:00 5-27 Thu 28 May 2020 00 00 5-28		rsday iday	Workday Workday	23 0	4 - Night 4 - Night	1 0	6	8 0	
Thu 28 May 2020 00 00 5-28 Thu 28 May 2020 01 00 5-28		iday	Workday	1	4 - Night	2	2	1	
Thu 28 May 2020 02 00 5-28	3-2020 Fri	iday	Workday	2	4 - Night	0	0	0	
Thu 28 May 2020 03 00 5-28		iday	Workday	3	4 - Night	0	2	0	
Thu 28 May 2020 04 00 5-28 Thu 28 May 2020 05 00 5-28		iday iday	Workday Workday	4 5	4 - Night 4 - Night	1 18	4 23	2	
Thu 28 May 2020 05 00 5-28 Thu 28 May 2020 06 00 5-28		iday iday	Workday	5	4 - Night 1- Morning	105	122	14	
Thu 28 May 2020 07 00 5-28		iday	Workday	7	1- Morning	175	253	204	
Thu 28 May 2020 08 00 5-28		iday	Workday	8	1- Morning	147	192	115	
Thu 28 May 2020 09 00 5-28		iday iday	Workday	9	1- Morning	187	200	167	
Thu 28 May 2020 10 00 5-28 Thu 28 May 2020 11 00 5-28		iday iday	Workday Workday	10 11	1- Morning 1- Morning	201 205	259 244	178 160	
Thu 28 May 2020 12 00 5-28		iday	Workday	12	2 - Afternoon	257	279	197	
Thu 28 May 2020 13 00 5-28	8-2020 Fri	iday	Workday	13	2 - Afternoon	296	385	245	
Thu 28 May 2020 14 00 5-28		iday	Workday	14	2 - Afternoon	343	491	305	
Thu 28 May 2020 15 00 5-28	5-2020 Fri	iday	Workday	15	2 - Afternoon	387	543	310	

Thu 28 May 2020 16 00 5-28-2020	Friday	Workday	16	2 - Afternoon	455	548	347	
Thu 28 May 2020 17 00 5-28-2020	Friday	Workday	17	2 - Afternoon	477	720	488	
Thu 28 May 2020 18 00 5-28-2020	Friday	Workday	18	3 - Evening	600	754	521	
Thu 28 May 2020 19 00 5-28-2020	Friday	Workday	19	3 - Evening	443	720	405	
Thu 28 May 2020 20 00 5-28-2020	Friday	Workday	20	3 - Evening	257	586	248	
Thu 28 May 2020 21 00 5-28-2020	Friday	Workday	21	3 - Evening	53	189	69	
Thu 28 May 2020 22 00 5-28-2020	Friday	Workday	22	4 - Night	4	40	15	
Thu 28 May 2020 23 00 5-28-2020	Friday	Workday	23	4 - Night	2	16	5	
Fri 29 May 2020 00:00 5-29-2020	Saturday	Workday	0	4 - Night	2	11	5	
Fri 29 May 2020 01:00 5-29-2020	Saturday	Workday	1	4 - Night	0	2	2	
Fri 29 May 2020 02:00 5-29-2020	Saturday	Workday	2	4 - Night	0	0	0	
Fri 29 May 2020 03:00 5-29-2020			3	•	0	0	0	
	Saturday	Workday		4 - Night				
Fri 29 May 2020 04:00 5-29-2020	Saturday	Workday	4	4 - Night	3	4	0	
Fri 29 May 2020 05:00 5-29-2020	Saturday	Workday	5	4 - Night	24	12	19	
Fri 29 May 2020 06:00 5-29-2020	Saturday	Workday	6	1- Morning	121	144	138	
Fri 29 May 2020 07:00 5-29-2020	Saturday	Workday	7	1- Morning	287	230	237	
Fri 29 May 2020 08:00 5-29-2020	Saturday	Workday	8	1- Morning	169	278	175	
Fri 29 May 2020 09:00 5-29-2020	Saturday	Workday	9	1- Morning	267	297	229	
	Saturday	Workday	10	v	321	364	291	
Fri 29 May 2020 10:00 5-29-2020				1- Morning				
Fri 29 May 2020 11:00 5-29-2020	Saturday	Workday	11	1- Morning	266	472	267	
Fri 29 May 2020 12:00 5-29-2020	Saturday	Workday	12	2 - Afternoon	280	355	229	
Fri 29 May 2020 13:00 5-29-2020	Saturday	Workday	13	2 - Afternoon	310	421	216	
Fri 29 May 2020 14:00 5-29-2020	Saturday	Workday	14	2 - Afternoon	293	444	264	
Fri 29 May 2020 15:00 5-29-2020	Saturday	Workday	15	2 - Afternoon	329	563	310	
Fri 29 May 2020 16:00 5-29-2020	Saturday	Workday	16	2 - Afternoon	401	588	402	
Fri 29 May 2020 17:00 5-29-2020	Saturday	Workday	17	2 - Afternoon	443	570	402	
Fri 29 May 2020 18:00 5-29-2020	Saturday	Workday	18	3 - Evening	440	575	356	
Fri 29 May 2020 19:00 5-29-2020	Saturday	Workday	19	3 - Evening	428	636	332	
Fri 29 May 2020 20:00 5-29-2020	Saturday	Workday	20	3 - Evening	185	461	226	
Fri 29 May 2020 21:00 5-29-2020	Saturday	Workday	21	3 - Evening	69	253	72	
Fri 29 May 2020 22:00 5-29-2020	Saturday	Workday	22	4 - Night	24	51	10	
Fri 29 May 2020 23:00 5-29-2020	Saturday	Workday	23	4 - Night	14	29	8	
Sat 30 May 2020 00:00 5-30-2020	Sunday	Weekend	0	4 - Night	4	16	4	
				•		8	0	
Sat 30 May 2020 01:00 5-30-2020	Sunday	Weekend	1	4 - Night	0			
Sat 30 May 2020 02:00 5-30-2020	Sunday	Weekend	2	4 - Night	0	2	0	
Sat 30 May 2020 03:00 5-30-2020	Sunday	Weekend	3	4 - Night	2	3	1	
Sat 30 May 2020 04:00 5-30-2020	Sunday	Weekend	4	4 - Night	3	3	2	
Sat 30 May 2020 05:00 5-30-2020	Sunday	Weekend	5	4 - Night	18	14	14	
Sat 30 May 2020 06:00 5-30-2020	Sunday	Weekend	6	1- Morning	70	64	65	
Sat 30 May 2020 07:00 5-30-2020	Sunday	Weekend	7	1- Morning	208	243	185	
Sat 30 May 2020 08:00 5-30-2020	Sunday	Weekend	8	1- Morning	324	337	320	
Sat 30 May 2020 09:00 5-30-2020	Sunday	Weekend	9	1- Morning	431	440	347	
Sat 30 May 2020 10:00 5-30-2020	Sunday	Weekend	10	1- Morning	336	490	286	
Sat 30 May 2020 11:00 5-30-2020	Sunday	Weekend	11	1- Morning	182	285	162	
Sat 30 May 2020 12:00 5-30-2020	Sunday	Weekend	12	2 - Afternoon	90	159	75	
Sat 30 May 2020 13:00 5-30-2020	Sunday	Weekend	13	2 - Afternoon	70	109	61	
Sat 30 May 2020 14:00 5-30-2020	Sunday	Weekend	14	2 - Afternoon	102	126	81	
Sat 30 May 2020 15:00 5-30-2020	Sunday	Weekend	15	2 - Afternoon	60	86	41	
Sat 30 May 2020 16:00 5-30-2020	Sunday	Weekend	16	2 - Afternoon	57	96	48	
Sat 30 May 2020 17:00 5-30-2020	Sunday	Weekend	17	2 - Afternoon	45	81	52	
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Sat 30 May 2020 18:00 5-30-2020	Sunday	Weekend	18			05		
Sat 30 May 2020 19:00 5-30-2020	Sunday			3 - Evening	27	35	13	
Sat 30 May 2020 20:00 5-30-2020		Weekend	19	3 - Evening	13	29	13 15	
	Sunday	Weekend	20	•		29 14	13 15 9	
Sat 30 May 2020 21:00 5-30-2020	Sunday Sunday			3 - Evening	13	29	13 15	
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Sat 30 May 2020 21:00 5-30-2020 Sat 30 May 2020 22:00 5-30-2020	Sunday Sunday	Weekend Weekend	20 21 22	3 - Evening 3 - Evening 3 - Evening 4 - Night	13 10 1	29 14 3	13 15 9 0	
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Sat 30 May 2020 21:00 5-30-2020 Sat 30 May 2020 22:00 5-30-2020 Sat 30 May 2020 23:00 5-30-2020 Sun 31 May 2020 00:00 5-31-2020 Sun 31 May 2020 01:00 5-31-2020 Sun 31 May 2020 02:00 5-31-2020	Sunday Sunday Sunday Monday Monday Monday	Weekend Weekend Weekend Weekend Weekend Weekend	20 21 22 23 0 1 2	3 - Evening 3 - Evening 3 - Evening 4 - Night 4 - Night 4 - Night 4 - Night 4 - Night	13 10 1 0 0 0 0 0 0	29 14 3 4 3 2 0 2	13 15 9 0 4 0 0 0 0 0 0	
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From: "Bonderud, Erik" <Erik.Bonderud@vancouver.ca>
To: "Dunlop, Emily" <Emily.Dunlop@vancouver.ca>
Date: 5/22/2020 3:12:54 PM
Subject: Re: Stanley Park Bike Counters

Ok sounds good, we'll leave it installed.

Have a good weekend, Erik

From: Dunlop, Emily Sent: May 22, 2020 3:09:28 PM To: Bonderud, Erik Subject: RE: Stanley Park Bike Counters

Hi Erik,

Thank you so much for the email and bringing this to my attention. We actually put the hose counter in to confirm the level of bike traffic there (I believe it was just installed less than a week ago?). In any case the fact that knowing the numbers are low really helps me in working with our planners to plan out the cycling routes. We are likely going to have the same cycling set up for just another few weeks or so, so if there isn't a big cost associated with this, then I would prefer to keep it there for at least a couple of weeks if that's possible?

Thanks again, Emily

From: Bonderud, Erik Sent: Friday, May 22, 2020 3:01 PM To: Dunlop, Emily Subject: Stanley Park Bike Counters

Hi Emily,

I wanted to check in with you about the hose counter at Pipeline Road. Josh noticed that it is not receiving very much traffic (less than 1/20th of the volume at North Lagoon and Vancouver Rowing Club). Our technicians confirmed that the counter is working and the volumes are very low. She thinks, and I agree, that it is because apps like Strava have popular routes around the peninsula to the East rather than down pipeline road. Do you still want to collect data there or would you rather move it somewhere else?

Cheers, Erik



From:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
To:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
Date:	6/1/2020 4:46:13 PM
Subject:	RE: Stanley Park Bike Data - Weekly Update - June 1, 2020

Thank you Josh!

From: Pablo, Joshua Sent: Monday, June 1, 2020 11:31 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - June 1, 2020

HI Emily,

Here is the Stanley Park data for last week, May 25-31, 2020.

Regards,

Josh

From: Pablo, Joshua Sent: Monday, May 25, 2020 11:52 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 25, 2020

Hi Emily,

Here is the Stanley Park data for last week, May 18-24, 2020. Data from Pipeline Rd is now included as well.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 19, 2020 12:02 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Emily,

Here is the Stanley Park data for last week, May 11-17, 2020. Please note that on Monday, May 11, the North Lagoon Counter seems to be misreporting, it would be best to not use that data.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 12, 2020 11:41 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

City of Vancouver - FOI 2020-420 - Page 1137 of 2377

Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better Ideal situation Prepresentation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a "good weather" and "poor weather" comparison.

Cheers,

Josh

From: Dunlop, Emily Sent: Tuesday, May 12, 2020 11:30 AM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Josh,

Thank you for this. So if I were to safely compare cyclists in Stanley Park to last year, should I be filtering out days that have been rainy from the current 2020 data?

Thanks, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 3:57 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

The average daily bike counts on the Stanley Park seawall in 2019 are as follows:

April Weekday - 1470 April Weekend - 2497

May Weekday - 2438 May Weekend - 4684

I only used "typical" dates and dates with good weather conditions (i.e. no rain, Easter Weekend NOT included) to provide a more accurate overall answer.

Let me know if you have any questions.

From: Dunlop, Emily Sent: Monday, May 11, 2020 1:15 PM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Thank you Josh!

I was hoping to provide a better reference on our graph for last year – and I had just a quick question regarding any data available for cyclists on the seawall last year. Do you know the average daily counts for cycling would have been? (either average for the whole year, or if you have it, average for the month of April and May separately?)

Thank you! Emily

City of Vancouver - FOI 2020-420 - Page 1138 of 2377

From: Pablo, Joshua Sent: Monday, May 11, 2020 12:26 PM To: Dunlop, Emily Subject: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>	
"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
6/8/2020 3:06:38 PM	
Re: Stanley Park Bike Data - Weekly Update - June 8, 2020	
StanPark Counters - 2020-06-01_07.xlsx	
	"Dunlop, Emily" <emily.dunlop@vancouver.ca> 6/8/2020 3:06:38 PM Re: Stanley Park Bike Data - Weekly Update - June 8, 2020</emily.dunlop@vancouver.ca>

HI Emily,

Here is the Stanley Park data for last week, June 1-7, 2020.

Regards,

Josh

From: Pablo, Joshua Sent: Monday, June 1, 2020 11:31:06 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - June 1, 2020

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Regards,

Josh

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Josh

City of Vancouver - FOI 2020-420 - Page 1140 of 2377

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Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better Ideal situation Prepresentation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a a good weather and poor weather comparison.

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City of Vancouver - FOI 2020-420 - Page 1141 of 2377

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Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



DATE	DATE2	DAY	WORK	TIME	DAYTIME	ROWING CLUB	SECOND BEACH	NORTH LAGOON DR
Mon 1 Jun 2020 00:00	6-1-2020	Tuesday	Workday	0	4 - Night	0	7	2
Mon 1 Jun 2020 01:00	6-1-2020	Tuesday	Workday	1	4 - Night	0	2	0
Mon 1 Jun 2020 02:00	6-1-2020	Tuesday	Workday	2	4 - Night	0	0	0
Mon 1 Jun 2020 03:00	6-1-2020	Tuesday	Workday	3	4 - Night	0	0	0
Mon 1 Jun 2020 04:00	6-1-2020	Tuesday	Workday	4	4 - Night	2	5	4
Mon 1 Jun 2020 05:00	6-1-2020	Tuesday	Workday	5	4 - Night	22	36	28
Mon 1 Jun 2020 06:00	6-1-2020	Tuesday	Workday	6	1- Morning	93	105	98
Mon 1 Jun 2020 07:00 Mon 1 Jun 2020 08:00	6-1-2020 6-1-2020	Tuesday Tuesday	Workday Workday	7	1- Morning 1- Morning	160 174	186 155	174 144
Mon 1 Jun 2020 09:00	6-1-2020	Tuesday	Workday	9	1- Morning	208	253	207
Mon 1 Jun 2020 10:00	6-1-2020	Tuesday	Workday	10	1- Morning	276	316	240
Mon 1 Jun 2020 11:00	6-1-2020	Tuesday	Workday	11	1- Morning	245	335	226
Mon 1 Jun 2020 12:00	6-1-2020	Tuesday	Workday	12	2 - Afternoon	290	387	262
Mon 1 Jun 2020 13:00	6-1-2020	Tuesday	Workday	13	2 - Afternoon	321	408	293
Mon 1 Jun 2020 14:00	6-1-2020	Tuesday	Workday	14	2 - Afternoon	327	497	290
Mon 1 Jun 2020 15:00	6-1-2020	Tuesday	Workday	15	2 - Afternoon	384	560	405
Mon 1 Jun 2020 16:00 Mon 1 Jun 2020 17:00	6-1-2020 6-1-2020	Tuesday Tuesday	Workday Workday	16 17	2 - Afternoon 2 - Afternoon	525 622	672 816	495 575
Mon 1 Jun 2020 18:00	6-1-2020	Tuesday	Workday	18	3 - Evening	641	754	579
Mon 1 Jun 2020 19:00	6-1-2020	Tuesday	Workday	19	3 - Evening	534	780	465
Mon 1 Jun 2020 20:00	6-1-2020	Tuesday	Workday	20	3 - Evening	280	591	261
Mon 1 Jun 2020 21:00	6-1-2020	Tuesday	Workday	21	3 - Evening	54	210	73
Mon 1 Jun 2020 22:00	6-1-2020	Tuesday	Workday	22	4 - Night	2	23	8
Mon 1 Jun 2020 23:00	6-1-2020	Tuesday	Workday	23	4 - Night	0	2	0
Tue 2 Jun 2020 00:00		Wednesday		0	4 - Night	2	5	2
Tue 2 Jun 2020 01:00		Wednesday		1	4 - Night	0	0	0
Tue 2 Jun 2020 02:00		Wednesday		2	4 - Night	0	0	0
Tue 2 Jun 2020 03:00 Tue 2 Jun 2020 04:00		Wednesday Wednesday		3	4 - Night 4 - Night	0 4	0 2	0 2
Tue 2 Jun 2020 05:00		Wednesday		5	4 - Night	17	22	20
Tue 2 Jun 2020 06:00		Wednesday		6	1- Morning	109	90	112
Tue 2 Jun 2020 07:00		Wednesday		7	1- Morning	142	164	147
Tue 2 Jun 2020 08:00	6-2-2020	Wednesday	Workday	8	1- Morning	123	97	79
Tue 2 Jun 2020 09:00		Wednesday		9	1- Morning	90	142	13
Tue 2 Jun 2020 10:00		Wednesday		10	1- Morning	92	142	0
Tue 2 Jun 2020 11:00		Wednesday		11	1- Morning	39	87	0
Tue 2 Jun 2020 12:00 Tue 2 Jun 2020 13:00		Wednesday Wednesday	-	12 13	2 - Afternoon 2 - Afternoon	27 16	30 28	8 9
Tue 2 Jun 2020 14:00		Wednesday	-	13	2 - Afternoon	4	17	15
Tue 2 Jun 2020 15:00		Wednesday		15	2 - Afternoon	55	56	21
Tue 2 Jun 2020 16:00		Wednesday		16	2 - Afternoon	188	189	104
Tue 2 Jun 2020 17:00	6-2-2020	Wednesday	Workday	17	2 - Afternoon	281	335	181
Tue 2 Jun 2020 18:00		Wednesday	-	18	3 - Evening	331	390	210
Tue 2 Jun 2020 19:00		Wednesday		19	3 - Evening	282	461	186
Tue 2 Jun 2020 20:00		Wednesday	-	20	3 - Evening	167	270	112
Tue 2 Jun 2020 21:00 Tue 2 Jun 2020 22:00		Wednesday Wednesday		21 22	3 - Evening 4 - Night	32	82 15	28 5
Tue 2 Jun 2020 23:00		Wednesday	,	23	4 - Night	2	6	1
Wed 3 Jun 2020 00:00	6-3-2020	Thursday	Workday	0	4 - Night	2	0	1
Wed 3 Jun 2020 01:00	6-3-2020	Thursday	Workday	1	4 - Night	1	4	3
Wed 3 Jun 2020 02:00	6-3-2020	Thursday	Workday	2	4 - Night	0	0	0
Wed 3 Jun 2020 03:00	6-3-2020	Thursday	Workday	3	4 - Night	0	0	0
Wed 3 Jun 2020 04:00	6-3-2020	Thursday	Workday	4	4 - Night	1	2	1
Wed 3 Jun 2020 05:00	6-3-2020	Thursday	Workday	5	4 - Night	22	22	7
Wed 3 Jun 2020 06:00 Wed 3 Jun 2020 07:00	6-3-2020 6-3-2020	Thursday Thursday	Workday Workday	6 7	1- Morning 1- Morning	111 200	125 208	64 104
Wed 3 Jun 2020 07:00 Wed 3 Jun 2020 08:00	6-3-2020		Workday	8	1- Morning	158	190	79
Wed 3 Jun 2020 09:00	6-3-2020	Thursday	Workday	9	1- Morning	177	236	107
Wed 3 Jun 2020 10:00		Thursday	Workday	10	1- Morning	272	260	166
Wed 3 Jun 2020 11:00	6-3-2020	Thursday	Workday	11	1- Morning	261	339	178
Wed 3 Jun 2020 12:00	6-3-2020	Thursday	Workday	12	2 - Afternoon	317	356	187
Wed 3 Jun 2020 13:00	6-3-2020	Thursday	Workday	13	2 - Afternoon	334	373	197
Wed 3 Jun 2020 14:00	6-3-2020	Thursday	Workday	14	2 - Afternoon	353	407	236
Wed 3 Jun 2020 15:00	6-3-2020	Thursday	Workday	15	2 - Afternoon	383	495	257
Wed 3 Jun 2020 16:00	6-3-2020 6-3-2020	Thursday	Workday Workday	16 17	2 - Afternoon	486	511 629	337 368
Wed 3 Jun 2020 17:00 Wed 3 Jun 2020 18:00	6-3-2020	Thursday Thursday	Workday	17	2 - Afternoon 3 - Evening	565 481	569	432
Wed 3 Jun 2020 18:00 Wed 3 Jun 2020 19:00	6-3-2020	Thursday	Workday	19	3 - Evening	401	604	294
Wed 3 Jun 2020 20:00	6-3-2020	Thursday	Workday	20	3 - Evening	206	419	172
Wed 3 Jun 2020 21:00	6-3-2020	Thursday	Workday	21	3 - Evening	52	160	42
Wed 3 Jun 2020 22:00		Thursday	Workday	22	4 - Night	7	30	5
Wed 3 Jun 2020 23:00	6-3-2020	Thursday	Workday	23	4 - Night	3	8	0
Thu 4 Jun 2020 00:00	6-4-2020	Friday	Workday	0	4 - Night	0	3	0
Thu 4 Jun 2020 01:00	6-4-2020	Friday	Workday	1	4 - Night	0	3	0
Thu 4 Jun 2020 02:00	6-4-2020	Friday	Workday	2	4 - Night	0	1	0
Thu 4 Jun 2020 03:00 Thu 4 Jun 2020 04:00	6-4-2020 6-4-2020	Friday Friday	Workday Workday	3	4 - Night 4 - Night	2	0	0
Thu 4 Jun 2020 04:00	6-4-2020 6-4-2020	Friday	Workday	5	4 - Night	20	22	12
	5.2020			.				•

Thu 4 Jun 2020 06:00	6-4-2020	Friday	Workday	6	1- Morning	91	111	62
Thu 4 Jun 2020 07:00	6-4-2020	Friday	Workday	7	1- Morning	148	161	95
Thu 4 Jun 2020 08:00	6-4-2020	Friday	Workday	8	1- Morning	121	141	71
Thu 4 Jun 2020 09:00	6-4-2020	Friday	Workday	9	1- Morning	75	93	32
Thu 4 Jun 2020 10:00	6-4-2020	Friday	Workday	10	1- Morning	74	39	15
Thu 4 Jun 2020 11:00	6-4-2020	Friday	Workday	11	1- Morning	71	80	38
Thu 4 Jun 2020 12:00	6-4-2020	Friday	Workday	12	2 - Afternoon	151	160	86
Thu 4 Jun 2020 13:00	6-4-2020	Friday	Workday	13	2 - Afternoon	180	222	114
Thu 4 Jun 2020 14:00	6-4-2020	Friday	Workday	14	2 - Afternoon	207	263	120
Thu 4 Jun 2020 15:00	6-4-2020	Friday	Workday	15	2 - Afternoon	246	380	207
Thu 4 Jun 2020 16:00	6-4-2020	Friday	Workday	16	2 - Afternoon	377	394	254
Thu 4 Jun 2020 17:00	6-4-2020	Friday	Workday	17	2 - Afternoon	493	622	337
Thu 4 Jun 2020 17:00	6-4-2020	Friday	Workday	18	3 - Evening	515	629	339
Thu 4 Jun 2020 18:00					-	314	565	273
	6-4-2020	Friday	Workday	19	3 - Evening			
Thu 4 Jun 2020 20:00	6-4-2020	Friday	Workday	20	3 - Evening	0	396	127
Thu 4 Jun 2020 21:00	6-4-2020	Friday	Workday	21	3 - Evening	0	168	27
Thu 4 Jun 2020 22:00	6-4-2020	Friday	Workday	22	4 - Night	0	12	5
Thu 4 Jun 2020 23:00	6-4-2020	Friday	Workday	23	4 - Night	0	5	0
Fri 5 Jun 2020 00:00	6-5-2020	Saturday	Workday	0	4 - Night	0	3	0
Fri 5 Jun 2020 01:00	6-5-2020	Saturday	Workday	1	4 - Night	0	2	0
Fri 5 Jun 2020 02:00	6-5-2020	Saturday	Workday	2	4 - Night	0	0	0
Fri 5 Jun 2020 03:00	6-5-2020	Saturday	Workday	3	4 - Night	0	0	0
Fri 5 Jun 2020 04:00	6-5-2020	Saturday	Workday	4	4 - Night	0	1	0
Fri 5 Jun 2020 05:00	6-5-2020	Saturday	Workday	5	4 - Night	0	24	14
Fri 5 Jun 2020 06:00	6-5-2020	Saturday	Workday	6	1- Morning	0	148	97
Fri 5 Jun 2020 07:00	6-5-2020	Saturday	Workday	7	1- Morning	0	290	172
Fri 5 Jun 2020 08:00	6-5-2020	Saturday	Workday	8	1- Morning	61	196	128
Fri 5 Jun 2020 09:00	6-5-2020	Saturday	Workday	9	1- Morning	192	266	136
Fri 5 Jun 2020 10:00	6-5-2020	Saturday	Workday	10	1- Morning	254	307	205
Fri 5 Jun 2020 11:00	6-5-2020	Saturday	Workday	11	1- Morning	316	358	203
Fri 5 Jun 2020 12:00	6-5-2020	Saturday	Workday	12	2 - Afternoon	329	347	210
	6-5-2020	Saturday	Workday	12	2 - Afternoon	350	449	223
Fri 5 Jun 2020 13:00								
Fri 5 Jun 2020 14:00	6-5-2020	Saturday	Workday	14	2 - Afternoon	358	482	251
Fri 5 Jun 2020 15:00	6-5-2020	Saturday	Workday	15	2 - Afternoon	424	546	309
Fri 5 Jun 2020 16:00	6-5-2020	Saturday	Workday	16	2 - Afternoon	378	450	294
Fri 5 Jun 2020 17:00	6-5-2020	Saturday	Workday	17	2 - Afternoon	442	535	320
Fri 5 Jun 2020 18:00	6-5-2020	Saturday	Workday	18	3 - Evening	401	539	347
Fri 5 Jun 2020 19:00	6-5-2020	Saturday	Workday	19	3 - Evening	258	441	223
Fri 5 Jun 2020 20:00	6-5-2020	Saturday	Workday	20	3 - Evening	157	266	95
Fri 5 Jun 2020 21:00	6-5-2020	Saturday	Workday	21	3 - Evening	29	159	25
Fri 5 Jun 2020 22:00	6-5-2020	Saturday	Workday	22	4 - Night	2	17	8
Fri 5 Jun 2020 23:00	6-5-2020	Saturday	Workday	23	4 - Night	0	11	0
Sat 6 Jun 2020 00:00	6-6-2020	Sunday	Weekend	0	4 - Night	2	7	3
Sat 6 Jun 2020 01:00	6-6-2020	Sunday	Weekend	1	4 - Night	0	2	1
Sat 6 Jun 2020 02:00	6-6-2020	Sunday	Weekend	2	4 - Night	0	1	0
Sat 6 Jun 2020 03:00	6-6-2020	Sunday	Weekend	3	4 - Night	1	1	1
Sat 6 Jun 2020 04:00	6-6-2020	Sunday	Weekend	4	4 - Night	0	1	1
Sat 6 Jun 2020 05:00	6-6-2020	Sunday	Weekend	5	4 - Night	2	3	1
Sat 6 Jun 2020 06:00	6-6-2020	Sunday	Weekend	6	1- Morning	10	14	8
Sat 6 Jun 2020 07:00	6-6-2020	Sunday	Weekend	7	1- Morning	32	20	21
Sat 6 Jun 2020 07:00	6-6-2020	Sunday	Weekend	8	1- Morning	25	30	19
Sat 6 Jun 2020 09:00	6-6-2020	Sunday	Weekend	9	1- Morning	32	57	26
Sat 6 Jun 2020 09:00	6-6-2020	Sunday	Weekend	10	1- Morning	41	60	20
Sat 6 Jun 2020 10:00 Sat 6 Jun 2020 11:00	6-6-2020	Sunday	Weekend	11	1- Morning	99	104	58
					2 - Afternoon			
Sat 6 Jun 2020 12:00	6-6-2020	Sunday	Weekend	12		193	252	146
Sat 6 Jun 2020 13:00	6-6-2020	Sunday	Weekend	13	2 - Afternoon	299	371	190
Sat 6 Jun 2020 14:00	6-6-2020	Sunday	Weekend	14	2 - Afternoon	384	470	250
Sat 6 Jun 2020 15:00	6-6-2020	Sunday	Weekend	15	2 - Afternoon	447	607	360
Sat 6 Jun 2020 16:00	6-6-2020	Sunday	Weekend	16	2 - Afternoon	569	694	370
Sat 6 Jun 2020 17:00	6-6-2020	Sunday	Weekend	17	2 - Afternoon	408	590	303
Sat 6 Jun 2020 18:00	6-6-2020	Sunday	Weekend	18	3 - Evening	371	518	253
Sat 6 Jun 2020 19:00	6-6-2020	Sunday	Weekend	19	3 - Evening	276	426	174
Sat 6 Jun 2020 20:00	6-6-2020	Sunday	Weekend	20	3 - Evening	179	263	101
Sat 6 Jun 2020 21:00	6-6-2020	Sunday	Weekend	21	3 - Evening	54	164	35
Sat 6 Jun 2020 22:00	6-6-2020	Sunday	Weekend	22	4 - Night	15	36	3
Sat 6 Jun 2020 23:00	6-6-2020	Sunday	Weekend	23	4 - Night	4	19	3
Sun 7 Jun 2020 00:00	6-7-2020	Monday	Weekend	0	4 - Night	7	7	1
Sun 7 Jun 2020 01:00	6-7-2020	Monday	Weekend	1	4 - Night	0	0	0
Sun 7 Jun 2020 02:00	6-7-2020	Monday	Weekend	2	4 - Night	0	0	0
Sun 7 Jun 2020 03:00	6-7-2020	Monday	Weekend	3	4 - Night	2	0	1
Sun 7 Jun 2020 04:00	6-7-2020	Monday	Weekend	4	4 - Night	4	2	2
Sun 7 Jun 2020 05:00	6-7-2020	Monday	Weekend	5	4 - Night	9	9	5
	6-7-2020	Monday	Weekend	6	1- Morning	42	37	32
			Weekend	7	1- Morning	138	149	94
Sun 7 Jun 2020 06:00		Mondav	weekend					
Sun 7 Jun 2020 06:00 Sun 7 Jun 2020 07:00	6-7-2020	Monday Monday			1- Morning	318	340	
Sun 7 Jun 2020 06:00 Sun 7 Jun 2020 07:00 Sun 7 Jun 2020 08:00	6-7-2020 6-7-2020	Monday	Weekend	8	1- Morning	318 388	340 477	203
Sun 7 Jun 2020 06:00 Sun 7 Jun 2020 07:00 Sun 7 Jun 2020 08:00 Sun 7 Jun 2020 09:00	6-7-2020 6-7-2020 6-7-2020	Monday Monday	Weekend Weekend	8 9	1- Morning	388	477	203 330
Sun 7 Jun 2020 06:00 Sun 7 Jun 2020 07:00 Sun 7 Jun 2020 08:00 Sun 7 Jun 2020 09:00 Sun 7 Jun 2020 10:00	6-7-2020 6-7-2020 6-7-2020 6-7-2020	Monday Monday Monday	Weekend Weekend Weekend	8 9 10	1- Morning 1- Morning	388 543	477 644	203 330 448
Sun 7 Jun 2020 06:00 Sun 7 Jun 2020 07:00 Sun 7 Jun 2020 08:00 Sun 7 Jun 2020 09:00	6-7-2020 6-7-2020 6-7-2020	Monday Monday	Weekend Weekend	8 9	1- Morning	388	477	203 330

Sun 7 Jun 2020 13:00	6-7-2020	Monday	Weekend	13	2 - Afternoon	674	794	451
Sun 7 Jun 2020 14:00	6-7-2020	Monday	Weekend	14	2 - Afternoon	608	805	508
Sun 7 Jun 2020 15:00	6-7-2020	Monday	Weekend	15	2 - Afternoon	609	789	444
Sun 7 Jun 2020 16:00	6-7-2020	Monday	Weekend	16	2 - Afternoon	619	790	383
Sun 7 Jun 2020 17:00	6-7-2020	Monday	Weekend	17	2 - Afternoon	465	674	303
Sun 7 Jun 2020 18:00	6-7-2020	Monday	Weekend	18	3 - Evening	370	555	224
Sun 7 Jun 2020 19:00	6-7-2020	Monday	Weekend	19	3 - Evening	214	552	160
Sun 7 Jun 2020 20:00	6-7-2020	Monday	Weekend	20	3 - Evening	128	273	90
Sun 7 Jun 2020 21:00	6-7-2020	Monday	Weekend	21	3 - Evening	47	143	31
Sun 7 Jun 2020 22:00	6-7-2020	Monday	Weekend	22	4 - Night	2	11	1
Sun 7 Jun 2020 23:00	6-7-2020	Monday	Weekend	23	4 - Night	4	6	0

From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/12/2020 11:41:14 AM
Subject:	RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better "ideal situation" representation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a "good weather" and "poor weather" comparison.

Cheers,

Josh

From: Dunlop, Emily Sent: Tuesday, May 12, 2020 11:30 AM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Josh,

Thank you for this. So if I were to safely compare cyclists in Stanley Park to last year, should I be filtering out days that have been rainy from the current 2020 data?

Thanks, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 3:57 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

The average daily bike counts on the Stanley Park seawall in 2019 are as follows:

April Weekday - 1470 April Weekend - 2497

May Weekday - 2438 May Weekend - 4684

I only used Itypical dates and dates with good weather conditions (i.e. no rain, Easter Weekend NOT included) to provide a more accurate overall answer.

Let me know if you have any questions.

From: Dunlop, Emily Sent: Monday, May 11, 2020 1:15 PM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

City of Vancouver - FOI 2020-420 - Page 1146 of 2377

Thank you Josh!

I was hoping to provide a better reference on our graph for last year 2 and I had just a quick question regarding any data available for cyclists on the seawall last year. Do you know the average daily counts for cycling would have been? (either average for the whole year, or if you have it, average for the month of April and May separately?)

Thank you! Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 12:26 PM To: Dunlop, Emily Subject: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
Date:	5/19/2020 12:01:55 PM	
Subject:	RE: Stanley Park Bike Data - Weekly Update - May 19, 2020	
Attachments:	StanPark Counters - 2020-05-11_17.xlsx	

Hi Emily,

Here is the Stanley Park data for last week, May 11-17, 2020. Please note that on Monday, May 11, the North Lagoon Counter seems to be misreporting, it would be best to not use that data.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 12, 2020 11:41 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better ideal situation representation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a "good weather" and "poor weather" comparison.

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Regards,

Joshua Pablo Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



DATE	DATE2	DAY	WORK	TIME	DAYTIME	ROWING CLUB	SECOND BEACH	NORTH LAGOON DR
Mon 11 May 2020 00:00 5			Workday	0	4 - Night	4	2	0
Mon 11 May 2020 01:00 5			Workday	1	4 - Night	0	4	0
Mon 11 May 2020 02:00 5	5-11-2020	Tuesday	Workday	2	4 - Night	0	0	0
Mon 11 May 2020 03:00 5			Workday	3	4 - Night	0	1	0
Mon 11 May 2020 04:00 5		,	Workday	4	4 - Night	0	0	0
Mon 11 May 2020 05:00 5			Workday	5	4 - Night	22	20	5
Mon 11 May 2020 06:00 5			Workday	6	1- Morning	89	107	57
Mon 11 May 2020 07:00 5 Mon 11 May 2020 08:00 5			Workday Workday	7 8	1- Morning 1- Morning	210 143	217 203	<u>91</u> 39
Mon 11 May 2020 09:00 5			Workday	9	1- Morning	197	218	0
Mon 11 May 2020 10:00 5			Workday	10	1- Morning	261	344	0
Mon 11 May 2020 11:00 5			Workday	11	1- Morning	284	388	0
Mon 11 May 2020 12:00 5	5-11-2020	Tuesday	Workday	12	2 - Afternoon	318	430	0
Mon 11 May 2020 13:00 5		,	Workday	13	2 - Afternoon	354	402	0
Mon 11 May 2020 14:00 5			Workday	14	2 - Afternoon	392	517	0
Mon 11 May 2020 15:00 5 Mon 11 May 2020 16:00 5			Workday Workday	15 16	2 - Afternoon 2 - Afternoon	415 447	500 636	0
Mon 11 May 2020 17:00 5			Workday	17	2 - Afternoon	502	683	0
Mon 11 May 2020 18:00 5			Workday	18	3 - Evening	469	604	0
Mon 11 May 2020 19:00 5			Workday	19	3 - Evening	327	552	0
Mon 11 May 2020 20:00 5			Workday	20	3 - Evening	124	270	0
Mon 11 May 2020 21:00 5	5-11-2020	Tuesday	Workday	21	3 - Evening	11	38	0
Mon 11 May 2020 22:00 5			Workday	22	4 - Night	2	2	0
Mon 11 May 2020 23:00 5			Workday	23	4 - Night	0	4	0
Tue 12 May 2020 00:00 5				0	4 - Night	0	0	0
Tue 12 May 2020 01:00 5 Tue 12 May 2020 02:00 5			-	1	4 - Night	0	0	0
Tue 12 May 2020 02:00 5				3	4 - Night 4 - Night	0	0	0
Tue 12 May 2020 04:00 5				4	4 - Night	0	0	0
Tue 12 May 2020 05:00 5		-	-	5	4 - Night	1	3	0
Tue 12 May 2020 06:00 5	5-12-2020	Wednesday	Workday	6	1- Morning	27	29	0
Tue 12 May 2020 07:00 5	5-12-2020	Wednesday	Workday	7	1- Morning	40	67	0
Tue 12 May 2020 08:00 5				8	1- Morning	25	18	6
Tue 12 May 2020 09:00 5			-	9	1- Morning	46	39	28
Tue 12 May 2020 10:00 5 Tue 12 May 2020 11:00 5				10 11	1- Morning	53 51	68 89	41 56
Tue 12 May 2020 12:00 5			-	12	1- Morning 2 - Afternoon	109	123	116
Tue 12 May 2020 13:00 5		-	-	13	2 - Afternoon	125	185	121
Tue 12 May 2020 14:00 5			-	14	2 - Afternoon	198	276	179
Tue 12 May 2020 15:00 5	5-12-2020	Wednesday	Workday	15	2 - Afternoon	286	357	227
Tue 12 May 2020 16:00 5		-	-	16	2 - Afternoon	326	477	222
Tue 12 May 2020 17:00 5			-	17	2 - Afternoon	410	511	183
Tue 12 May 2020 18:00 5		-	-	18	3 - Evening	279	429	100
Tue 12 May 2020 19:00 5 Tue 12 May 2020 20:00 5				19 20	3 - Evening 3 - Evening	79 48	147 78	23 13
Tue 12 May 2020 20:00 5		-	-	20	3 - Evening	13	32	6
Tue 12 May 2020 22:00 5				22	4 - Night	4	7	3
Tue 12 May 2020 23:00 5	5-12-2020	Wednesday	Workday	23	4 - Night	0	4	0
Wed 13 May 2020 00:00 5	5-13-2020	Thursday	Workday	0	4 - Night	0	1	0
Wed 13 May 2020 01:00 5			Workday	1	4 - Night	0	0	0
Wed 13 May 2020 02:00 5			Workday	2	4 - Night	0	0	0
Wed 13 May 2020 03:00 5		,	Workday Workday	3	4 - Night	0	0	0
Wed 13 May 2020 04:00 5 Wed 13 May 2020 05:00 5			Workday	4 5	4 - Night 4 - Night	7	6	0
Wed 13 May 2020 05:00 5 Wed 13 May 2020 06:00 5		-	Workday	6	1- Morning	63	72	10
Wed 13 May 2020 07:00 5			Workday	7	1- Morning	86	132	34
Wed 13 May 2020 08:00 5		-	Workday	8	1- Morning	96	94	15
Wed 13 May 2020 09:00 5	5-13-2020	Thursday	Workday	9	1- Morning	122	150	24
Wed 13 May 2020 10:00 5			Workday	10	1- Morning	124	158	24
Wed 13 May 2020 11:00 5		-	Workday	11	1- Morning	152	237	42
Wed 13 May 2020 12:00 5			Workday	12	2 - Afternoon	157	222	37
Wed 13 May 2020 13:00 5		-	Workday	13	2 - Afternoon	161 214	204 243	41 50
Wed 13 May 2020 14:00 5 Wed 13 May 2020 15:00 5		-	Workday Workday	14 15	2 - Afternoon 2 - Afternoon	214 265	316	50
Wed 13 May 2020 15:00 5 Wed 13 May 2020 16:00 5			Workday	16	2 - Afternoon	308	418	89
Wed 13 May 2020 17:00 5		-	Workday	17	2 - Afternoon	372	485	89
Wed 13 May 2020 18:00 5			Workday	18	3 - Evening	452	614	100
Wed 13 May 2020 19:00 5		-	Workday	19	3 - Evening	211	387	45
Wed 13 May 2020 20:00 5			Workday	20	3 - Evening	64	110	18
Wed 13 May 2020 21:00 5	5-13-2020	-	Workday	21	3 - Evening	17	55	6
M/- 140 M 00000 00 CT			Workday	22	4 - Night	4	8	1
Wed 13 May 2020 22:00 5	5-13-2020			22				
Wed 13 May 2020 23:00 5	5-13-2020 5-13-2020	Thursday	Workday	23	4 - Night	2	9	1
Wed 13 May 2020 23:00 5 Thu 14 May 2020 00:00 5	5-13-2020 5-13-2020 5-14-2020	Thursday Friday	Workday Workday	0	4 - Night	6	7	3
Wed 13 May 2020 23:00 5 Thu 14 May 2020 00:00 5 Thu 14 May 2020 01:00 5	5-13-2020 5-13-2020 5-14-2020 5-14-2020	Thursday Friday Friday	Workday Workday Workday	0 1	4 - Night 4 - Night	6 0	7 1	3 0
Wed 13 May 2020 23:00 5 Thu 14 May 2020 00:00 5	5-13-2020 5-13-2020 5-14-2020 5-14-2020 5-14-2020	Thursday Friday Friday Friday	Workday Workday	0	4 - Night	6	7	3
Wed 13 May 2020 23:00 5 Thu 14 May 2020 00:00 5 Thu 14 May 2020 01:00 5 Thu 14 May 2020 02:00 5	5-13-2020 5-13-2020 5-14-2020 5-14-2020 5-14-2020 5-14-2020	Thursday Friday Friday Friday Friday	Workday Workday Workday Workday	0 1 2	4 - Night 4 - Night 4 - Night	6 0 0	7 1 0	3 0 0

Thu 14 May 2020 06:00 5-14-2020	Friday	Workday	6	1- Morning	39	43	14
Thu 14 May 2020 07:00 5-14-2020	Friday	Workday	7	1- Morning	67	101	26
Thu 14 May 2020 08:00 5-14-2020	Friday	Workday	8	1- Morning	92	110	18
Thu 14 May 2020 09:00 5-14-2020	Friday	Workday	9	1- Morning	115	130	30
Thu 14 May 2020 10:00 5-14-2020	Friday	Workday	10	1- Morning	146	162	30 59
Thu 14 May 2020 11:00 5-14-2020	Friday	Workday	11	1- Morning	164	198	49
Thu 14 May 2020 12:00 5-14-2020	Friday	Workday Workday	12 13	2 - Afternoon 2 - Afternoon	196 216	243 310	49 64
Thu 14 May 2020 13:00 5-14-2020	Friday Friday	Workday	14	2 - Afternoon	293	349	78
Thu 14 May 2020 14:00 5-14-2020 Thu 14 May 2020 15:00 5-14-2020	Friday	Workday	14	2 - Afternoon	295	425	78
Thu 14 May 2020 15:00 5-14-2020	Friday	Workday	16	2 - Afternoon	439	535	145
Thu 14 May 2020 18:00 5-14-2020 Thu 14 May 2020 17:00 5-14-2020	Friday	Workday	17	2 - Afternoon	594	715	145
Thu 14 May 2020 17:00 5-14-2020 Thu 14 May 2020 18:00 5-14-2020	Friday	Workday	18	3 - Evening	611	713	196
Thu 14 May 2020 18:00 5-14-2020 Thu 14 May 2020 19:00 5-14-2020	Friday	Workday	19	3 - Evening	471	654	190
Thu 14 May 2020 19:00 5-14-2020 Thu 14 May 2020 20:00 5-14-2020	Friday	Workday	20	3 - Evening	185	456	55
Thu 14 May 2020 21:00 5-14-2020 Thu 14 May 2020 21:00 5-14-2020	Friday	Workday	20	3 - Evening	39	146	5
Thu 14 May 2020 21:00 5-14-2020	Friday	Workday	22	4 - Night	5	16	2
Thu 14 May 2020 23:00 5-14-2020	Friday	Workday	23	4 - Night	2	15	3
Fri 15 May 2020 00:00 5-15-2020	Saturday	Workday	0	4 - Night	0	4	0
Fri 15 May 2020 01:00 5-15-2020	Saturday	Workday	1	4 - Night	0	0	0
Fri 15 May 2020 02:00 5-15-2020	Saturday	Workday	2	4 - Night	2	0	0
Fri 15 May 2020 03:00 5-15-2020	Saturday	Workday	3	4 - Night	2	0	0
Fri 15 May 2020 04:00 5-15-2020	Saturday	Workday	4	4 - Night	3	5	1
Fri 15 May 2020 05:00 5-15-2020	Saturday	Workday	5	4 - Night	17	25	2
Fri 15 May 2020 06:00 5-15-2020	Saturday	Workday	6	1- Morning	126	127	21
Fri 15 May 2020 07:00 5-15-2020	Saturday	Workday	7	1- Morning	256	276	52
Fri 15 May 2020 08:00 5-15-2020	Saturday	Workday	8	1- Morning	254	315	55
Fri 15 May 2020 09:00 5-15-2020	Saturday	Workday	9	1- Morning	334	394	217
Fri 15 May 2020 10:00 5-15-2020	Saturday	Workday	10	1- Morning	349	490	335
Fri 15 May 2020 11:00 5-15-2020	Saturday	Workday	11	1- Morning	398	476	307
Fri 15 May 2020 12:00 5-15-2020	Saturday	Workday	12	2 - Afternoon	442	555	367
Fri 15 May 2020 13:00 5-15-2020	Saturday	Workday	13	2 - Afternoon	464	596	392
Fri 15 May 2020 14:00 5-15-2020	Saturday	Workday	14	2 - Afternoon	568	725	528
Fri 15 May 2020 15:00 5-15-2020	Saturday	Workday	15	2 - Afternoon	592	780	592
Fri 15 May 2020 16:00 5-15-2020	Saturday	Workday	16	2 - Afternoon	616	835	558
Fri 15 May 2020 17:00 5-15-2020	Saturday	Workday	17	2 - Afternoon	612	768	611
Fri 15 May 2020 18:00 5-15-2020	Saturday	Workday	18	3 - Evening	601	769	524
Fri 15 May 2020 19:00 5-15-2020	Saturday	Workday	19	3 - Evening	436	670	360
Fri 15 May 2020 20:00 5-15-2020	Saturday	Workday	20	3 - Evening	174	522	151
Fri 15 May 2020 21:00 5-15-2020	Saturday	Workday	21	3 - Evening	35	179	39
Fri 15 May 2020 22:00 5-15-2020	Saturday	Workday	22	4 - Night	28	32	13
Fri 15 May 2020 23:00 5-15-2020	Saturday	Workday	23	4 - Night	0	8	2
Sat 16 May 2020 00:00 5-16-2020	Sunday	Weekend	0	4 - Night	0	10	2
Sat 16 May 2020 01:00 5-16-2020	Sunday	Weekend	1	4 - Night	0	6	0
Sat 16 May 2020 02:00 5-16-2020	Sunday	Weekend	2	4 - Night	0	1	2
Sat 16 May 2020 03:00 5-16-2020	Sunday	Weekend	3	4 - Night	1	0	1
Sat 16 May 2020 04:00 5-16-2020	Sunday	Weekend	4	4 - Night	2	1	0
Sat 16 May 2020 05:00 5-16-2020	Sunday	Weekend	5	4 - Night	6	3	2
Sat 16 May 2020 06:00 5-16-2020	Sunday	Weekend	6	1- Morning	62	58	40
Sat 16 May 2020 07:00 5-16-2020	Sunday	Weekend	7	1- Morning	180	183	115
Sat 16 May 2020 08:00 5-16-2020	Sunday	Weekend	8	1- Morning 1- Morning	243	252	145 130
Sat 16 May 2020 09:00 5-16-2020	Sunday	Weekend	9	0	175	177	
Sat 16 May 2020 10:00 5-16-2020	Sunday	Weekend Weekend	10 11	1- Morning	103 114	131 160	73 98
Sat 16 May 2020 11:00 5-16-2020	Sunday			1- Morning			
Sat 16 May 2020 12:00 5-16-2020 Sat 16 May 2020 13:00 5-16-2020	Sunday Sunday	Weekend Weekend	12 13	2 - Afternoon 2 - Afternoon	120 144	137 142	109 74
Sat 16 May 2020 13:00 5-16-2020 Sat 16 May 2020 14:00 5-16-2020	Sunday	Weekend	14	2 - Afternoon	133	145	74
Sat 16 May 2020 15:00 5-16-2020	Sunday	Weekend	15	2 - Afternoon	100	166	73
Sat 16 May 2020 15:00 5-16-2020 Sat 16 May 2020 16:00 5-16-2020	Sunday	Weekend	16	2 - Afternoon	100	125	69
Sat 16 May 2020 17:00 5-16-2020	Sunday	Weekend	17	2 - Afternoon	70	116	49
Sat 16 May 2020 18:00 5-16-2020	Sunday	Weekend	18	3 - Evening	47	53	24
Sat 16 May 2020 19:00 5-16-2020	Sunday	Weekend	19	3 - Evening	24	59	18
Sat 16 May 2020 20:00 5-16-2020	Sunday	Weekend	20	3 - Evening	27	55	17
Sat 16 May 2020 21:00 5-16-2020	Sunday	Weekend	21	3 - Evening	13	18	8
Sat 16 May 2020 22:00 5-16-2020	Sunday	Weekend	22	4 - Night	0	0	0
Sat 16 May 2020 23:00 5-16-2020	Sunday	Weekend	23	4 - Night	0	2	0
Sun 17 May 2020 00:00 5-17-2020	Monday	Weekend	0	4 - Night	0	0	0
Sun 17 May 2020 01:00 5-17-2020	Monday	Weekend	1	4 - Night	0	1	0
Sun 17 May 2020 02:00 5-17-2020	Monday	Weekend	2	4 - Night	0	0	0
Sun 17 May 2020 03:00 5-17-2020	Monday	Weekend	3	4 - Night	0	0	0
Sun 17 May 2020 04:00 5-17-2020	Monday	Weekend	4	4 - Night	0	0	0
Sun 17 May 2020 05:00 5-17-2020	Monday	Weekend	5	4 - Night	1	0	0
Sun 17 May 2020 06:00 5-17-2020	Monday	Weekend	6	1- Morning	9	16	7
Sun 17 May 2020 07:00 5-17-2020	Monday	Weekend	7	1- Morning	16	14	8
Sun 17 May 2020 08:00 5-17-2020	Monday	Weekend	8	1- Morning	21	29	11
Sun 17 May 2020 09:00 5-17-2020	Monday	Weekend	9	1- Morning	64	72	36
Sun 17 May 2020 10:00 5-17-2020	Monday	Weekend	10	1- Morning	66	82	50
Sun 17 May 2020 11:00 5-17-2020	Monday	Weekend	11	1- Morning	96	93	42
Sun 17 May 2020 12:00 5-17-2020	Monday	Weekend	12	2 - Afternoon	108	145	82

Sun 17 May 2020 13:00 5-17-2020	Monday	Weekend	13	2 - Afternoon	138	162	77
Sun 17 May 2020 14:00 5-17-2020	Monday	Weekend	14	2 - Afternoon	351	413	268
Sun 17 May 2020 15:00 5-17-2020	Monday	Weekend	15	2 - Afternoon	553	653	459
Sun 17 May 2020 16:00 5-17-2020	Monday	Weekend	16	2 - Afternoon	596	800	502
Sun 17 May 2020 17:00 5-17-2020	Monday	Weekend	17	2 - Afternoon	552	720	444
Sun 17 May 2020 18:00 5-17-2020	Monday	Weekend	18	3 - Evening	484	692	330
Sun 17 May 2020 19:00 5-17-2020	Monday	Weekend	19	3 - Evening	291	593	229
Sun 17 May 2020 20:00 5-17-2020	Monday	Weekend	20	3 - Evening	165	351	114
Sun 17 May 2020 21:00 5-17-2020	Monday	Weekend	21	3 - Evening	39	108	32
Sun 17 May 2020 22:00 5-17-2020	Monday	Weekend	22	4 - Night	7	19	1
Sun 17 May 2020 23:00 5-17-2020	Monday	Weekend	23	4 - Night	7	3	2

From:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
To:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
Date:	5/22/2020 3:41:57 PM
Subject:	RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Josh,

Thanks for the reply. It would be really helpful if you were able to (helps with determining the ongoing need for physical distancing), but let me know if there are any barriers to that.

Regarding the Pipeline Hose Counter, I was just emailing with Erik about that who let me know of the same issue. We actually put the hose counter in to confirm the level of bike traffic there (I believe it was just installed less than a week ago?). In any case the fact that knowing the numbers are low really helps me in working with our planners to plan out the cycling routes. We are likely going to have the same cycling set up for just another few weeks or so, so if there isn't a big cost associated with this, then I would prefer to keep it there for at least a couple of weeks if that's possible.

Thanks again, Emily

From: Pablo, Joshua Sent: Friday, May 22, 2020 3:23 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Also out of curiosity, what were the pipeline rd counters for? We we started to collect the data from them as per your request but the volumes were pretty low. I did not want to share them yet, I suspected they might be malfunctioning but we think that area might just have low volume.

Thanks,

Josh

From: Pablo, Joshua Sent: Friday, May 22, 2020 1:39 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

HI Emily,

No there is no ped counters with the ecocounters. We have been doing a few manual ped counts for the seawall but Im not connected to that as much. I know there is not too many but if you want I can try to retrieve what we have?

Cheers,

Josh

From: Dunlop, Emily Sent: Friday, May 22, 2020 1:09 PM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Josh!

Thank you for this data. I did an update graphic summary of all the data so far, and will send that to you shortly. City of Vancouver - FOI 2020-420 - Page 1153 of 2377 Quick question Dare we collecting any data for pedestrians on the seawall (with the ecocounters?). Couldn remember.

Thank you, Emily

From: Pablo, Joshua Sent: Tuesday, May 19, 2020 12:02 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Emily,

Here is the Stanley Park data for last week, May 11-17, 2020. Please note that on Monday, May 11, the North Lagoon Counter seems to be misreporting, it would be best to not use that data.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 12, 2020 11:41 AM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Yes it would be good to filter out rainy days from both 2020 and 2019 to get a better Ideal situation Prepresentation of the numbers. Since poor weather decreases the volume of bikes greatly it can affect the overall average quite a bit. There may be more rainy days this year or last year, and the rain could have only been for half of the day, which can create unfair comparisons if lumped all together. If you want to use rainy day data it might be helpful to have both a good weather and poor weather comparison.

Cheers,

Josh

From: Dunlop, Emily Sent: Tuesday, May 12, 2020 11:30 AM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Josh,

Thank you for this. So if I were to safely compare cyclists in Stanley Park to last year, should I be filtering out days that have been rainy from the current 2020 data?

Thanks, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 3:57 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

The average daily bike counts on the Stanley Park seawall in 2019 are as follows:

April Weekday - 1470 April Weekend - 2497

May Weekday - 2438 May Weekend - 4684

I only used Typical dates and dates with good weather conditions (i.e. no rain, Easter Weekend NOT included) to provide a more accurate overall answer.

Let me know if you have any questions.

From: Dunlop, Emily Sent: Monday, May 11, 2020 1:15 PM To: Pablo, Joshua Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

Thank you Josh!

I was hoping to provide a better reference on our graph for last year 2 and I had just a quick question regarding any data available for cyclists on the seawall last year. Do you know the average daily counts for cycling would have been? (either average for the whole year, or if you have it, average for the month of April and May separately?)

Thank you! Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 12:26 PM To: Dunlop, Emily Subject: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
Date:	5/25/2020 11:52:29 AM	
Subject:	RE: Stanley Park Bike Data - Weekly Update - May 25, 2020	
Attachments:	StanPark Counters - 2020-05-18_24.xlsx	

Hi Emily,

Here is the Stanley Park data for last week, May 18-24, 2020. Data from Pipeline Rd is now included as well.

Regards,

Josh

From: Pablo, Joshua Sent: Tuesday, May 19, 2020 12:02 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 19, 2020

Hi Emily,

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Cheers,

Josh

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Hi Josh,

Thank you for this. So if I were to safely compare cyclists in Stanley Park to last year, should I be filtering out days that have been rainy from the current 2020 data?

City of Vancouver - FOI 2020-420 - Page 1156 of 2377

Thanks, Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 3:57 PM To: Dunlop, Emily Subject: RE: Stanley Park Bike Data - Weekly Update - May 11, 2020

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Thank you! Emily

From: Pablo, Joshua Sent: Monday, May 11, 2020 12:26 PM To: Dunlop, Emily Subject: Stanley Park Bike Data - Weekly Update - May 11, 2020

Hi Emily,

Here is the Stanley Park bike data from May 4 to 10, 2020.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Cell: 604.764.8591 | e-mail: joshua.pablo@vancouver.ca



DATE DATE2	DAY	WORK	TIME	DAYTIME	ROWING CLUB	SECOND BEACH	NORTH LAGOON DR	PIPELINE RD
Mon 18 May 2020 00:00 5-18-2020		Workday	0	4 - Night	1	5	2	0
Mon 18 May 2020 01:00 5-18-2020		Workday	1	4 - Night	0	0	0	0
Mon 18 May 2020 02:00 5-18-2020		Workday	2	4 - Night	0	0	0	0
Mon 18 May 2020 03:00 5-18-2020 Mon 18 May 2020 04:00 5-18-2020		Workday Workday	3	4 - Night 4 - Night	0	0 4	0 2	0
Mon 18 May 2020 05:00 5-18-2020		Workday	5	4 - Night	15	14	10	0
Mon 18 May 2020 06:00 5-18-2020		Workday	6	1- Morning	67	56	34	0
Mon 18 May 2020 07:00 5-18-2020		Workday	7	1- Morning	255	271	184	0
Mon 18 May 2020 08:00 5-18-2020 Mon 18 May 2020 09:00 5-18-2020		Workday Workday	8 9	1- Morning 1- Morning	347 470	464 570	305 428	5 14
Mon 18 May 2020 10:00 5-18-2020		Workday	10	1- Morning	548	737	589	22
Mon 18 May 2020 11:00 5-18-2020		Workday	11	1- Morning	621	780	565	22
Mon 18 May 2020 12:00 5-18-2020		Workday	12	2 - Afternoon	601	852	728	43
Mon 18 May 2020 13:00 5-18-2020 Mon 18 May 2020 14:00 5-18-2020		Workday Workday	13 14	2 - Afternoon 2 - Afternoon	681 710	870 851	706 733	23 31
Mon 18 May 2020 15:00 5-18-2020		Workday	15	2 - Afternoon	679	879	698	2
Mon 18 May 2020 16:00 5-18-2020) Tuesday	Workday	16	2 - Afternoon	587	801	534	16
Mon 18 May 2020 17:00 5-18-2020		Workday	17	2 - Afternoon	484	770	399	4 4
Mon 18 May 2020 18:00 5-18-2020 Mon 18 May 2020 19:00 5-18-2020		Workday Workday	18 19	3 - Evening 3 - Evening	414 248	647 497	268 184	3
Mon 18 May 2020 20:00 5-18-2020		Workday	20	3 - Evening	111	329	128	0
Mon 18 May 2020 21:00 5-18-2020		Workday	21	3 - Evening	44	114	26	0
Mon 18 May 2020 22:00 5-18-2020		Workday	22	4 - Night	10	12	3	2
Mon 18 May 2020 23:00 5-18-2020 Tue 19 May 2020 00 00 5-19-2020		Workday	23 0	4 - Night 4 - Night	3	9 4	4 0	0
Tue 19 May 2020 00 00 5 19 2020 Tue 19 May 2020 01 00 5-19-2020			1	4 - Night	0	0	0	0
Tue 19 May 2020 02 00 5-19-2020			2	4 - Night	0	0	1	0
Tue 19 May 2020 03 00 5-19-2020			3	4 - Night	2	0	0	0
Tue 19 May 2020 04 00 5-19-2020			4 5	4 - Night 4 - Night	2 13	2 22	2 8	0
Tue 19 May 2020 05 00 5-19-2020 Tue 19 May 2020 06 00 5-19-2020			6	4 - Night 1- Morning	13	119	76	2
Tue 19 May 2020 07 00 5-19-2020			7	1- Morning	187	221	126	0
Tue 19 May 2020 08 00 5-19-2020			8	1- Morning	163	208	109	12
Tue 19 May 2020 09 00 5-19-2020			9	1- Morning	215	247	152	14
Tue 19 May 2020 10 00 5-19-2020 Tue 19 May 2020 11 00 5-19-2020			10 11	1- Morning 1- Morning	241 230	286 333	130 161	11 7
Tue 19 May 2020 12 00 5-19-2020			12	2 - Afternoon	248	341	209	7
Tue 19 May 2020 13 00 5-19-2020			13	2 - Afternoon	280	344	186	13
Tue 19 May 2020 14 00 5-19-2020			14	2 - Afternoon	326	408	225	4
Tue 19 May 2020 15 00 5-19-2020 Tue 19 May 2020 16 00 5-19-2020			15 16	2 - Afternoon 2 - Afternoon	366 440	482	292 353	0 4
Tue 19 May 2020 17 00 5-19-2020			17	2 - Afternoon	582	689	461	7
Tue 19 May 2020 18 00 5-19-2020			18	3 - Evening	653	727	488	2
Tue 19 May 2020 19 00 5-19-2020			19	3 - Evening	407	676	341	0
Tue 19 May 2020 20 00 5-19-2020			20	3 - Evening	155 18	413	148 29	5
Tue 19 May 2020 21 00 5-19-2020 Tue 19 May 2020 22 00 5-19-2020			21 22	3 - Evening 4 - Night	10	131 16	7	0
Tue 19 May 2020 23 00 5-19-2020			23	4 - Night	4	8	0	0
Wed 20 May 2020 00:00 5-20-2020		Workday	0	4 - Night	2	3	0	0
Wed 20 May 2020 01:00 5-20-2020		Workday	1	4 - Night	2	2	2	0
Wed 20 May 2020 02:00 5-20-2020 Wed 20 May 2020 03:00 5-20-2020	•	Workday Workday	2	4 - Night 4 - Night	0	0	0	0
Wed 20 May 2020 04:00 5-20-2020		Workday	4	4 - Night	0	0	0	0
Wed 20 May 2020 05:00 5-20-2020		Workday	5	4 - Night	25	29	14	0
Wed 20 May 2020 06:00 5-20-2020		Workday	6	1- Morning	120	127	80	0
Wed 20 May 2020 07:00 5-20-2020 Wed 20 May 2020 08:00 5-20-2020		Workday Workday	7 8	1- Morning 1- Morning	217 208	246 218	129 132	2 16
Wed 20 May 2020 09:00 5-20-2020		Workday	9	1- Morning	162	172	98	9
Wed 20 May 2020 10:00 5-20-2020		Workday	10	1- Morning	138	192	96	5
Wed 20 May 2020 11:00 5-20-2020		Workday	11	1- Morning	162	183	110	8
Wed 20 May 2020 12:00 5-20-2020 Wed 20 May 2020 13:00 5-20-2020		Workday Workday	12 13	2 - Afternoon 2 - Afternoon	151 145	181 177	95 72	5
Wed 20 May 2020 14:00 5-20-2020		Workday	14	2 - Afternoon	198	236	123	4
Wed 20 May 2020 15:00 5-20-2020		Workday	15	2 - Afternoon	161	246	113	4
Wed 20 May 2020 16:00 5-20-2020		Workday	16	2 - Afternoon	152	176	96	6
Wed 20 May 2020 17:00 5-20-2020 Wed 20 May 2020 18:00 5-20-2020		Workday Workday	17 18	2 - Afternoon 3 - Evening	184 292	241 334	130 206	4
Wed 20 May 2020 18:00 5-20-2020 Wed 20 May 2020 19:00 5-20-2020		Workday	19	3 - Evening	290	373	183	0
Wed 20 May 2020 20:00 5-20-2020) Thursday	Workday	20	3 - Evening	154	308	110	4
Wed 20 May 2020 21:00 5-20-2020		Workday	21	3 - Evening	25	84	20	0
Wed 20 May 2020 22:00 5-20-2020 Wed 20 May 2020 23:00 5-20-2020		Workday Workday	22 23	4 - Night 4 - Night	6 3	16 7	2 5	0
Thu 21 May 2020 00 00 5-21-2020		Workday	0	4 - Night	2	7	1	0
Thu 21 May 2020 01 00 5-21-2020) Friday	Workday	1	4 - Night	2	2	0	2
Thu 21 May 2020 02 00 5-21-2020		Workday	2	4 - Night	2	2	1	0
Thu 21 May 2020 03 00 5-21-2020 Thu 21 May 2020 04 00 5-21-2020		Workday Workday	3	4 - Night 4 - Night	0 3	0	0	0
Thu 21 May 2020 04 00 5-21-2020 Thu 21 May 2020 05 00 5-21-2020		Workday	5	4 - Night	6	14	4	0
Thu 21 May 2020 06 00 5-21-2020		Workday	6	1- Morning	66	67	43	2
Thu 21 May 2020 07 00 5-21-2020		Workday	7	1- Morning	132	143	75	6
Thu 21 May 2020 08 00 5-21-2020		Workday	8	1- Morning	99	161	68	0
Thu 21 May 2020 09 00 5-21-2020 Thu 21 May 2020 10 00 5-21-2020		Workday Workday	9 10	1- Morning 1- Morning	100 130	106 164	60 95	7 8
Thu 21 May 2020 10 00 5-21-2020 Thu 21 May 2020 11 00 5-21-2020		Workday	11	1- Morning	174	202	110	19
Thu 21 May 2020 12 00 5-21-2020) Friday	Workday	12	2 - Afternoon	186	212	112	4
Thu 21 May 2020 13 00 5-21-2020		Workday	13	2 - Afternoon	193	253	170	8
Thu 21 May 2020 14 00 5-21-2020 Thu 21 May 2020 15 00 5-21-2020		Workday Workday	14 15	2 - Afternoon 2 - Afternoon	289 357	343 504	237 343	14
110 21 Way 2020 13 00 3-21-2020	, i nudy	vvoikuay	10		337	304	343	Э

Thu 21 May 2020 16 00 5-21-2020	Friday	Workday	16	2 - Afternoon	398	532	354	7
Thu 21 May 2020 17 00 5-21-2020	Friday	Workday	17	2 - Afternoon	518	626	457	12
Thu 21 May 2020 18 00 5-21-2020	Friday	Workday	18	3 - Evening	517	689	426	6
Thu 21 May 2020 19 00 5-21-2020	Friday	Workday	19	3 - Evening	317	562	282	2
Thu 21 May 2020 20 00 5-21-2020	Friday	Workday	20	3 - Evening	114	265	89	0
Thu 21 May 2020 21 00 5-21-2020	Friday	Workday	21	3 - Evening	21	65	14	1
Thu 21 May 2020 22 00 5-21-2020	Friday	Workday	22	4 - Night	2	12	4	0
Thu 21 May 2020 23 00 5-21-2020	Friday	Workday	23	4 - Night	2	4	2	2
Fri 22 May 2020 00:00 5-22-2020	Saturday	Workday	0	4 - Night	0	1	1	0
Fri 22 May 2020 01:00 5-22-2020	Saturday	Workday	1	4 - Night	0	0	0	0
Fri 22 May 2020 02:00 5-22-2020	Saturday	Workday	2	4 - Night	2	0	0	0
Fri 22 May 2020 03:00 5-22-2020			3	•	2	0	1	0
	Saturday	Workday		4 - Night				
Fri 22 May 2020 04:00 5-22-2020	Saturday	Workday	4	4 - Night	3	3	3	0
Fri 22 May 2020 05:00 5-22-2020	Saturday	Workday	5	4 - Night	20	22	7	0
Fri 22 May 2020 06:00 5-22-2020	Saturday	Workday	6	1- Morning	109	99	73	9
Fri 22 May 2020 07:00 5-22-2020	Saturday	Workday	7	1- Morning	180	178	113	4
Fri 22 May 2020 08:00 5-22-2020	Saturday	Workday	8	1- Morning	99	182	85	2
Fri 22 May 2020 09:00 5-22-2020	Saturday	Workday	9	1- Morning	195	213	133	10
Fri 22 May 2020 10:00 5-22-2020	Saturday	Workday	10	1- Morning	205	244	155	17
Fri 22 May 2020 11:00 5-22-2020	Saturday	Workday	11	1- Morning	212	299	139	12
Fri 22 May 2020 12:00 5-22-2020	Saturday	Workday	12	2 - Afternoon	180	251	135	10
Fri 22 May 2020 13:00 5-22-2020	Saturday	Workday	13	2 - Afternoon	247	342	184	16
Fri 22 May 2020 14:00 5-22-2020	Saturday	Workday	14	2 - Afternoon	318	421	246	12
Fri 22 May 2020 14:00 5-22-2020			15		323	442	296	6
	Saturday	Workday		2 - Afternoon				
Fri 22 May 2020 16:00 5-22-2020	Saturday	Workday	16	2 - Afternoon	456	506	335	10
Fri 22 May 2020 17:00 5-22-2020	Saturday	Workday	17	2 - Afternoon	451	571	346	10
Fri 22 May 2020 18:00 5-22-2020	Saturday	Workday	18	3 - Evening	403	541	316	7
Fri 22 May 2020 19:00 5-22-2020	Saturday	Workday	19	3 - Evening	318	452	208	1
Fri 22 May 2020 20:00 5-22-2020	Saturday	Workday	20	3 - Evening	197	310	132	0
Fri 22 May 2020 21:00 5-22-2020	Saturday	Workday	21	3 - Evening	46	116	31	2
Fri 22 May 2020 22:00 5-22-2020	Saturday	Workday	22	4 - Night	6	25	5	0
Fri 22 May 2020 23:00 5-22-2020	Saturday	Workday	23	4 - Night	12	26	6	0
Sat 23 May 2020 00:00 5-23-2020	Sunday	Weekend	0	4 - Night	5	5	0	0
Sat 23 May 2020 01:00 5-23-2020	Sunday	Weekend	1	4 - Night	0	0	0	0
Sat 23 May 2020 01:00 5 23 2020 Sat 23 May 2020 02:00 5-23-2020	Sunday	Weekend	2	4 - Night	0	0	0	0
				•	0	0	0	0
Sat 23 May 2020 03:00 5-23-2020	Sunday	Weekend	3	4 - Night				
Sat 23 May 2020 04:00 5-23-2020	Sunday	Weekend	4	4 - Night	1	2	1	0
Sat 23 May 2020 05:00 5-23-2020	Sunday	Weekend	5	4 - Night	3	3	1	0
Sat 23 May 2020 06:00 5-23-2020	Sunday	Weekend	6	1- Morning	33	37	17	0
Sat 23 May 2020 07:00 5-23-2020	Sunday	Weekend	7	1- Morning	116	92	68	4
Sat 23 May 2020 08:00 5-23-2020	Sunday	Weekend	8	1- Morning	132	126	89	2
Sat 23 May 2020 09:00 5-23-2020	Sunday	Weekend	9	1- Morning	213	220	175	2
Sat 23 May 2020 10:00 5-23-2020	Sunday	Weekend	10	1- Morning	267	352	234	4
Sat 23 May 2020 11:00 5-23-2020	Sunday	Weekend	11	1- Morning	348	366	235	2
Sat 23 May 2020 12:00 5-23-2020	Sunday	Weekend	12	2 - Afternoon	330	440	312	12
Sat 23 May 2020 13:00 5-23-2020	Sunday	Weekend	13	2 - Afternoon	388	525	385	5
Sat 23 May 2020 14:00 5-23-2020	Sunday	Weekend	14	2 - Afternoon	487	608	384	8
Sat 23 May 2020 15:00 5-23-2020	Sunday	Weekend	15	2 - Afternoon	477	564	412	11
					435	577	412	8
Sat 23 May 2020 16:00 5-23-2020	Sunday	Weekend	16	2 - Afternoon				
Sat 23 May 2020 17:00 5-23-2020	Sunday	Weekend	17	2 - Afternoon	368	549	301	12
Sat 23 May 2020 18:00 5-23-2020	Sunday	Weekend	18	3 - Evening	325	491	239	9
Sat 23 May 2020 19:00 5-23-2020	Sunday	Weekend	19	3 - Evening	208	363	137	4
Sat 23 May 2020 20:00 5-23-2020	Sunday	Weekend	20	3 - Evening	108	198	74	4
Sat 23 May 2020 21:00 5-23-2020	Sunday	Weekend	21	3 - Evening	37	72	35	2
Sat 23 May 2020 22:00 5-23-2020	Sunday	Weekend	22	4 - Night	11	37	3	0
Sat 23 May 2020 23:00 5-23-2020	Sunday	Weekend	23	4 - Night	1	10	3	2
Sun 24 May 2020 00:00 5-24-2020	Monday	Weekend	0	4 - Night	0	4	1	1
Sun 24 May 2020 01:00 5-24-2020	Monday	Weekend	1	4 - Night	2	2	2	0
Sun 24 May 2020 02:00 5-24-2020	Monday	Weekend	2	4 - Night	0	3	0	0
Sun 24 May 2020 03:00 5-24-2020	Monday	Weekend	3	4 - Night	2	1	1	0
Sun 24 May 2020 04:00 5-24-2020	Monday	Weekend	4	4 - Night	0	0	0	0
Sun 24 May 2020 05:00 5-24-2020	Monday	Weekend	5	4 - Night	15	9	9	0
Sun 24 May 2020 05:00 5-24-2020 Sun 24 May 2020 06:00 5-24-2020	Monday	Weekend	6	1- Morning	61	55	32	1
	Monday		7	v				0
Sun 24 May 2020 07:00 5-24-2020		Weekend		1- Morning	136	118	86	
Sun 24 May 2020 08:00 5-24-2020	Monday	Weekend	8	1- Morning	217	243	168	2
Sun 24 May 2020 09:00 5-24-2020	Monday	Weekend	9	1- Morning	144	202	92	0
Sun 24 May 2020 10:00 5-24-2020	Monday	Weekend	10	1- Morning	144	168	110	8
Sun 24 May 2020 11:00 5-24-2020	Monday	Weekend	11	1- Morning	255	307	204	21
Sun 24 May 2020 12:00 5-24-2020	Monday	Weekend	12	2 - Afternoon	384	420	287	29
Sun 24 May 2020 13:00 5-24-2020	Monday	Weekend	13	2 - Afternoon	503	558	441	3
Sun 24 May 2020 14:00 5-24-2020	Monday	Weekend	14	2 - Afternoon	519	630	413	16
Sun 24 May 2020 15:00 5-24-2020	Monday	Weekend	15	2 - Afternoon	512	684	427	7
Sun 24 May 2020 16:00 5-24-2020	Monday	Weekend	16	2 - Afternoon	500	643	368	4
Sun 24 May 2020 17:00 5-24-2020	Monday	Weekend	17	2 - Afternoon	401	664	380	5
Sun 24 May 2020 18:00 5-24-2020	Monday	Weekend	18	3 - Evening	250	483	201	7
Sun 24 May 2020 10:00 5 24 2020 Sun 24 May 2020 19:00 5-24-2020	Monday	Weekend	19	3 - Evening	179	345	145	11
Sun 24 May 2020 19:00 3-24-2020 Sun 24 May 2020 20:00 5-24-2020	Monday	Weekend	20	3 - Evening	71	150	57	0
Sun 24 May 2020 20:00 5-24-2020 Sun 24 May 2020 21:00 5-24-2020	Monday	Weekend	20	3 - Evening 3 - Evening	12	41	8	0
Sun 24 May 2020 22:00 5-24-2020	Monday	Weekend	22	4 - Night	4	13	4	0
Sun 24 May 2020 23:00 5-24-2020	Monday	Weekend	23	4 - Night	2	5	1	2

From:	"Shearer, Doug" <doug.shearer@vancouver.ca></doug.shearer@vancouver.ca>
To:	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	5/4/2020 3:42:30 PM
Subject:	RE: Stanley Park Bike Data

Hi Emily:

As I understand it we are reliant on Engineering for this data. Please let me know if you need assistance getting them to commit regular data sharing.

Doug

From: Hutch, Dave Sent: Monday, May 4, 2020 3:34 PM To: Dunlop, Emily; Shearer, Doug Subject: FW: Stanley Park Bike Data Importance: High

Can we please have someone visualizing this data on a weekly basis. ^{S.13(1)} Looking forward to see this later this week.

Also where is the data from closing date to April 29th? thanks

Dave Hutch | Director, Planning and Park Development Vancouver Board of Parks and Recreation

From: Shearer, Doug Sent: Monday, May 04, 2020 2:43 PM To: Ulmer, Christine Cc: Hutch, Dave Subject: FW: Stanley Park Bike Data Importance: High

Hi Christine, here is the data up to yesterday (attached spreadsheet) do you need it wrapped up better than this? I don know how the data been presented / reported out on before.

Let me know, Thanks doug

From: Dunlop, Emily Sent: Monday, May 4, 2020 12:54 PM To: Shearer, Doug; Hutch, Dave Subject: Fwd: Stanley Park Bike Data

Sent from my iPhone

Begin forwarded message:

From: "Pablo, Joshua" <Joshua.Pablo@vancouver.ca> Date: May 4, 2020 at 12:00:40 PM PDT To: "Dunlop, Emily" <Emily.Dunlop@vancouver.ca> Cc: "Bonderud, Erik" <Erik.Bonderud@vancouver.ca>

City of Vancouver - FOI 2020-420 - Page 1161 of 2377

Subject: Stanley Park Bike Data

\u-257 ? Hi Emily,

Attached is the bike data since the new counter at N Lagoon Dr. was installed on April 30, 2020. Please note that the N Lagoon counter is missing some AM due on April 30 due to it being set up that day.

If you have any questions please let me know.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Tel: 604.829.4344 | e-mail: joshua.pablo@vancouver.ca

	From:	"Gore, Amy" <amy.gore@vancouver.ca></amy.gore@vancouver.ca>	
	To:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>	
	CC:	"Bonderud, Erik" < Erik.Bonderud@vancouver.ca>	
		"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	Date:	5/5/2020 9:48:55 AM	
5	Subject:	RE: Stanley Park Bike Data	

Great - thank you!

From: Pablo, Joshua Sent: Tuesday, May 5, 2020 9:26 AM To: Gore, Amy Cc: Bonderud, Erik; Dunlop, Emily Subject: RE: Stanley Park Bike Data

Hi Amy,

My thought is that a cyclist would either choose to take a shortcut through N Lagoon Drive to get from one side of Lost Lagoon to the other. If they do this they will likely trigger the counter at Second Beach and at N Lagoon. They could also decide to do the entire loop around the park on Stanley Park Dr which would likely trigger both the Second Beach and Rowing Club counters

Regards,

Josh

From: Gore, Amy Sent: Tuesday, May 5, 2020 9:07 AM To: Pablo, Joshua Cc: Bonderud, Erik; Dunlop, Emily Subject: FW: Stanley Park Bike Data Importance: High

Hi Joshua,

Our GM had some questions about the numbers we sent. Yesterday when we spoke, you indicated that adding the Lagoon numbers with the Rowing Club numbers would give you a similar total to Second Beach, and that we should use the average of these 2 counts (Second Beach & Lagoon + Rowing) to get the daily totals. You had mentioned that the numbers differ at each station because of how the cyclists are using the road system. Could you quickly summarize your thoughts on how they@e using the roads and why the counts are so different at each station so I can make sure Im passing the correct information on? Thanks so much!

Amy

From: Shearer, Doug Sent: Monday, May 4, 2020 2:46 PM To: Gore, Amy Subject: FW: Stanley Park Bike Data Importance: High

Amy can you call me when you get this, thanks Doug 604-340-5922

From: Shearer, Doug Sent: Monday, May 4, 2020 2:43 PM To: Ulmer, Christine

City of Vancouver - FOI 2020-420 - Page 1163 of 2377

Cc: Hutch, Dave Subject: FW: Stanley Park Bike Data Importance: High

Hi Christine, here is the data up to yesterday (attached spreadsheet) do you need it wrapped up better than this? I don't' know how the data's been presented / reported out on before.

Let me know, Thanks doug

From: Dunlop, Emily Sent: Monday, May 4, 2020 12:54 PM To: Shearer, Doug; Hutch, Dave Subject: Fwd: Stanley Park Bike Data

Sent from my iPhone

Begin forwarded message:

From: "Pablo, Joshua" <Joshua.Pablo@vancouver.ca> Date: May 4, 2020 at 12:00:40 PM PDT To: "Dunlop, Emily" <Emily.Dunlop@vancouver.ca> Cc: "Bonderud, Erik" <Erik.Bonderud@vancouver.ca> Subject: Stanley Park Bike Data

\u-257 ? Hi Emily,

Attached is the bike data since the new counter at N Lagoon Dr. was installed on April 30, 2020. Please note that the N Lagoon counter is missing some AM due on April 30 due to it being set up that day.

If you have any questions please let me know.

Regards,

Joshua Pablo

Traffic & Data Management Branch Engineering Services | City of Vancouver 507 W Broadway | Vancouver, BC V5Z 0B4 Tel: 604.829.4344 | e-mail: joshua.pablo@vancouver.ca

From:	"Quintero, Liliana" <liliana.quintero@vancouver.ca></liliana.quintero@vancouver.ca>	
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>	
	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>	
CC:	"Albitar, Maria" <maria.albitar@vancouver.ca></maria.albitar@vancouver.ca>	
	"Bonderud, Erik" <erik.bonderud@vancouver.ca></erik.bonderud@vancouver.ca>	
Date:	4/16/2020 8:07:18 AM	
Subject:	RE: Urgent Request - Counters on Stanley Park Drive	

Josh is referring to bikes, we have no ped counters on the seawall.

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 7:39 PM To: Pablo, Joshua Cc: Quintero, Liliana; Albitar, Maria; Bonderud, Erik Subject: RE: Urgent Request - Counters on Stanley Park Drive

Thank you Josh. That definitely helps clarify some things. When you say there are 97% less people on the seawall last weekend compared to last year, are you referring to bikes only? Or bikes and peds?

Thank you, Emily

From: Pablo, Joshua Sent: Wednesday, April 15, 2020 2:27 PM To: Dunlop, Emily Cc: Quintero, Liliana; Albitar, Maria; Bonderud, Erik Subject: Re: Urgent Request - Counters on Stanley Park Drive

Hi Emily,

Those numbers last week are also from the seawall counters. I do not believe we have any volumes specifically for bikes along Stanley Park drive, we only have info about the seawall. It is only starting from mid-day last Thursday, when the hoses were installed, that we now have bike data for Stanley Park drive.

I can't say with certainty how many people were relocated from the seawall to Park Drive, but since there's 97% less people on the seawall last weekend compared to last year, I would assume almost everyone has been relocated to Stanley Park drive instead. And I don't doubt that this may be skewed due to a now increased capacity that the road has compared to the seawall.

Please chime in anyone if there's anything wrong with my answers above. Let me know if you need anything else Emily.

Regards,

Josh

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 1:49:21 PM To: Pablo, Joshua Cc: Quintero, Liliana; Albitar, Maria; Bonderud, Erik Subject: RE: Urgent Request - Counters on Stanley Park Drive

City of Vancouver - FOI 2020-420 - Page 1165 of 2377

Thank you for this explanation, Josh.

So if we did want to compare volumes of cyclists on Stanley Park Drive only, can we use your numbers you provided last week? (see way down in the email thread, the table you provided which includes typical week in March).

In other words, we are trying to determine how many people we likely relocated to Park Drive that would have been on the seawall? Or is this skewed because we essentially created more volume by creating a more inviting atmosphere.

Thanks, Emily

From: Pablo, Joshua Sent: Wednesday, April 15, 2020 1:05 PM To: Dunlop, Emily Cc: Quintero, Liliana; Albitar, Maria; Bonderud, Erik Subject: Re: Urgent Request - Counters on Stanley Park Drive

HI Emily,

- The 2019 data is taken from counters only from the seawall. I don't think we have any bike volumes along
 park drive from the past. With the closure of the seawall, I compared those same seawall counters to last
 where, which is where I got the 97% reduction number from. The new hoses we have installed are on park
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 the seawall last year and 16223 is bikes on the road this year.
- 2. We do have the Easter Monday data, but it may be unhelpful for our purposes. To get a fair comparison, I needed to compare this year's Monday to an Easter Monday in previous years. However, the weather this Easter Monday was significantly better which very likely affected the data. 2018 had a cold day, and 2019 was overcast. For your reference, the volume for 2019 Easter Monday is 175, and 2020 Easter Monday was 4140. I got these numbers the same way I have explained above.

Let me know if you have any more questions or concerns.

Regards,

Josh

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 12:38:16 PM To: Pablo, Joshua Subject: RE: Urgent Request - Counters on Stanley Park Drive

Hi Joshua,

Sorry, two more questions.

- 1. Upon clarification of my question below, are you able to provide a breakdown for each year, of seawall bike volume vs park drive volume (assuming this year's seawall volume will be very low).
- I understand that this data is only compared for Friday, Saturday and Sunday, but any reason why you didn't compare the Monday? And if we only have data for this year's holiday Monday (April 13th), can you share that as well?

Thank you! Emily From: Dunlop, Emily Sent: Wednesday, April 15, 2020 12:17 PM To: Pablo, Joshua Subject: RE: Urgent Request - Counters on Stanley Park Drive Importance: High

Hi Joshua,

Thank you for this! Is it fair to say that these two numbers (total volume over the two easter weekends – this year and last year) can be compared as "total bike volume" through the entire park? I assume that means that in 2019 the number of 11766 is a total of bike volume on the seawall and Park Drive, and that the total number of 16223 from this year is the total bike volume on the seawall and Park Drive as well?

Just want to make sure we can compare the two numbers.

Thank you, Emily

From: Pablo, Joshua
Sent: Wednesday, April 15, 2020 9:44 AM
To: Quintero, Liliana; Dunlop, Emily; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica
Subject: Re: Urgent Request - Counters on Stanley Park Drive

Hi Emily,

I've gotten the new counter data and compiled the results for Easter Weekend (Friday-Sunday).

Last year, the total bike volume in Stanley Park throughout easter weekend was 11766, with an average of 3922 each day. This year, there was 16233 throughout the weekend, with an average of 5411 each day, which is a 38% increase from last year. For reference, the closure of the seawall does seem to be working as those seawall counters are experiencing a 97% reduction.

For last year's calculation, I got the total volume for each day, by averaging the hourly counts from each of the counters along the Stanley Park loop. For this year, I did the same but with the two new hoses that were installed. Both this year's Easter Weekend and last year's had similar weather, and its unlikely the increase is due a change in weather condition.

Let me know if you need anything else, or if you have any questions.

Regards,

Josh

From: Quintero, Liliana Sent: Tuesday, April 14, 2020 9:00:44 AM To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria; Pablo, Joshua Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica Subject: RE: Urgent Request - Counters on Stanley Park Drive

Hi Emily

Ryan & Jessica will go today to download this weekend's data.

We will then compile the results and share it with you.

Liliana

From: Dunlop, Emily
Sent: Monday, April 13, 2020 11:13 PM
To: Quintero, Liliana; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica
Subject: RE: Urgent Request - Counters on Stanley Park Drive

Hi Liliana,

Sorry I didn't get a chance to respond on Thursday, but any COV vehicles are permitted access where needed in Stanley Park, and I saw the counters were installed on Thursday afternoon, so thank you very much to you and the techs! I cycled around the Park a few times this weekend, and there were lots of people out. Do you know how soon we can collect the data?

Thank you.... Emily

> Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From: Quintero, Liliana
Sent: Thursday, April 9, 2020 11:15 AM
To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica
Subject: RE: Urgent Request - Counters on Stanley Park Drive

Also any special permission for our techs to get through with their City van, since the road is closed to vehicles? Please inform staff so they can grant access for : Ryan Gatten and Jessica Starcevic

From: Quintero, Liliana Sent: Thursday, April 09, 2020 11:08 AM To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik Subject: RE: Urgent Request - Counters on Stanley Park Drive

HI Emily

We are sending our hose technicians to install temporary hoses today. Because the eco counters are located on the seawall, so they wont capture bikes on the road.

Liliana

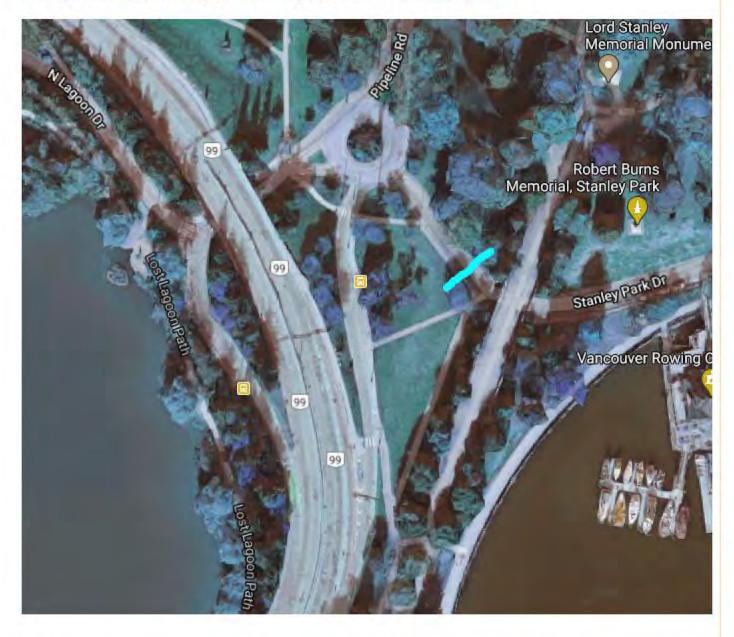
From: Dunlop, Emily Sent: Thursday, April 09, 2020 10:59 AM To: Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana; Gore, Amy Subject: Urgent Request - Counters on Stanley Park Drive Importance: High

Hi everyone,

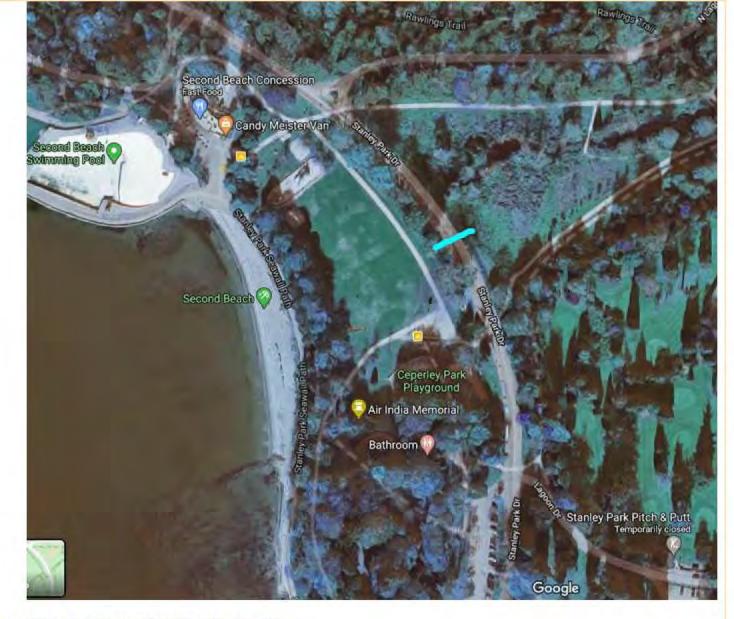
Urgent request here so my apologies for the mass email, but our General Manager Malcolm Bromley has asked for counters to be installed around Park Drive (on the roadway) in Stanley Park. Is this something we can expedite (ideally and if at all possible before the long weekend??) The road closure is in effect and we are already seeing a surge of cyclists. Im assuming the Eco-Counter won pick up cyclists on the road? So we figured a minimum of one tube counter is needed, but two would be ideal:

We were thinking of these two locations:

1. One right before or after the pedestrian bridge to the west of the Rowing Club



2. One somewhere along Park Drive on the west side of the park (recommend north of South Lagoon Drive to avoid vehicle traffic)



Do you think we can make this happen? Let me know.

Thank you, Emily

> Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From: Pablo, Joshua Sent: Friday, April 3, 2020 10:52 AM To: Mueller, Simon; Plant, Sherwood; Albitar, Maria; Dunlop, Emily Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: Re: Closures of Park Drive and Beach Ave - Check In

Hello,

Here's a table comparing the previous week's daily volumes with the typical march mid-week volume. It actually does look like around the Stanley Park loop, there are increased bike volumes. From Week 3, there is an increase of 21% in the daily volume and an increase of 38% in the daily peak. This does support the need to spread people out around the park.

Week	Daily Peak (4pm-7pm)	Average Daily Volume
Typical March Midweek	346	967
Week 1 (March 15-21)	809	2142
Week 2 (March 22-28	568	1343
Week 3 (March 29-April 4)	478	1174

Please note the counter can pick up the same person if doing multiple laps, so the actual total volume of cyclists may be lower than what is reflected in the table.

Regards,

Josh

From: Mueller, Simon Sent: Thursday, April 2, 2020 5:26:24 PM To: Plant, Sherwood; Pablo, Joshua; Albitar, Maria; Dunlop, Emily Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: RE: Closures of Park Drive and Beach Ave - Check In

I suspect that with potentially lower overall cycling volumes dess tourists and less purely rec riders and more those oriented toward exercise - that average cycling speeds would be going up. I regard this as further rationale to create that space off of the Seawall and facilitate increased physical distancing opportunities for the increased walking (relative) numbers.

Simon

From: Plant, Sherwood Sent: April 2, 2020 4:38 PM To: Pablo, Joshua; Albitar, Maria; Dunlop, Emily; Mueller, Simon Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: RE: Closures of Park Drive and Beach Ave - Check In

Can you compare this to a typical mid-march volume?

From: Pablo, Joshua Sent: Thursday, April 2, 2020 4:38 PM To: Albitar, Maria; Plant, Sherwood; Dunlop, Emily; Mueller, Simon Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: Re: Closures of Park Drive and Beach Ave - Check In

Hello,

I've taken the data from the EcoVisio seawall counters along the Stanley Park loop and put some volumes together.

Seawall Bike Volumes during COVID-19 Quarantine:





To get the hourly volumes, the average hourly count of each of the 3 counters around Stanley Park was taken. The average daily volume is from the average of each week's Tues/Wed/Thur hourly volumes. Week 1, Week 2, and Week 3, are the weeks of March 15-21, March 22-28, and March 29-April 4, respectively. These dates are of comparable weather, and only March 26 was excluded from the data set due to the rain that day.

Let me know if there are any questions or concerns.

Cheers,

Josh

From: Albitar, Maria Sent: Thursday, April 2, 2020 4:25:30 PM To: Pablo, Joshua Subject: Fw: Closures of Park Drive and Beach Ave - Check In

FYI

From: Gould, Brian Sent: April 2, 2020 4:21 PM To: Plant, Sherwood; Dunlop, Emily; Mueller, Simon Cc: Magnusson, Rachel; Glowacz, Katherine; Albitar, Maria; Quintero, Liliana Subject: Re: Closures of Park Drive and Beach Ave - Check In

I wouldn't be surprised if all forms of travel are down in Stanley Park, (and maybe cycling on the loop versus the seawall is already up and therefore not counted?) but it will be interesting to know.

This is collecting my thoughts more than anything, but I think we're trying to do a few things whether it's in the Park or on Beach:

-Reduce potential for crowding by discouraging folks from making long distance trips (close parking lots, on street City of Vancouver - FOI 2020-420 - Page 1172 of 2377 parking, reduce MV access)

-Provide more space for the 50-100k folks stuck at home who have these locations as their "neighbourhood parks" and are having a hard time finding a place to walk or cycle for mental and physical health at a distance -Do what we can to spread people out who do end up on the Seawall, since closing the Seawall would be counter-productive and contrary to provincial guidance (but whether we officially tell people to walk on the closed roadway or the bike path, they will, and it will help)

-Creating a nice wide place for people to ride laps of the park while maintaining space is very helpful too, but it's almost a side-effect of the others

From: Plant, Sherwood Sent: April 2, 2020 3:32:56 PM To: Dunlop, Emily; Mueller, Simon; Gould, Brian Cc: Magnusson, Rachel; Glowacz, Katherine; Albitar, Maria; Quintero, Liliana Subject: RE: Closures of Park Drive and Beach Ave - Check In

Hi Emily,

Overall, cycling numbers are actually down the least in the City, but that may be a reflection of location. Im looping in Maria Albitar who may be able to speak to the specific counts observed near Stanley Park.

Sherwood

From: Dunlop, Emily Sent: Thursday, April 2, 2020 3:31 PM To: Mueller, Simon; Gould, Brian; Plant, Sherwood Cc: Magnusson, Rachel; Glowacz, Katherine Subject: RE: Closures of Park Drive and Beach Ave - Check In

Hi guys,

Do you have any data on # of cyclists counts going around Stanley Park as of the last two weeks during lockdown (ideally during nice weather?). We are just trying to get a sense of how many cyclists we might anticipate (if at all possible). For example, it seems like there has been more walkers than cyclers because there seems to be a lot of locals using the park, but it hard to be sure

Thank you for any info you might have! Emily

-----Original Appointment-----From: Dunlop, Emily Sent: Tuesday, March 31, 2020 10:32 AM To: Dunlop, Emily; Mueller, Simon; Nayeri, Ali; Gore, Amy Cc: Gould, Brian; Plant, Sherwood; Khany, Sam; Magnusson, Rachel (rachel.magnusson@vancouver.ca); Glowacz, Katherine Subject: Closures of Park Drive and Beach Ave - Check In When: Tuesday, March 31, 2020 3:30 PM-4:00 PM (UTC-08:00) Pacific Time (US & Canada). Where: Zoom Meeting (link inside)

Hi Simon,

Can you forward this on to Brian and others as needed?

Thank you, Emily

Zoom Meeting - https://zoom.us/j/3134440478

From:	"Pablo, Joshua" <joshua.pablo@vancouver.ca></joshua.pablo@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
CC:	"Quintero, Liliana" <liliana.quintero@vancouver.ca></liliana.quintero@vancouver.ca>
	"Albitar, Maria" <maria.albitar@vancouver.ca></maria.albitar@vancouver.ca>
	"Bonderud, Erik" <erik.bonderud@vancouver.ca></erik.bonderud@vancouver.ca>
Date:	4/15/2020 1:07:16 PM
Subject:	Re: Urgent Request - Counters on Stanley Park Drive

Typo in first answer:

"... I compared those same seawall counters to data from this year,"

- Josh

From: Pablo, Joshua Sent: Wednesday, April 15, 2020 1:04:58 PM To: Dunlop, Emily Cc: Quintero, Liliana; Albitar, Maria; Bonderud, Erik Subject: Re: Urgent Request - Counters on Stanley Park Drive

HI Emily,

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Thank you! Emily

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Regards,

Josh

Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica Subject: RE: Urgent Request - Counters on Stanley Park Drive

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> Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

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From: Dunlop, Emily Sent: Thursday, April 09, 2020 10:59 AM

City of Vancouver - FOI 2020-420 - Page 1176 of 2377

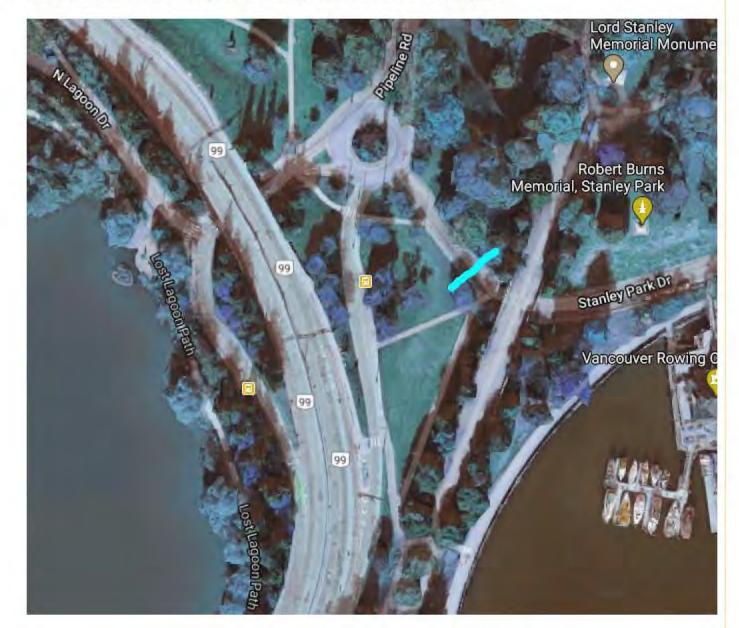
To: Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana; Gore, Amy Subject: Urgent Request - Counters on Stanley Park Drive Importance: High

Hi everyone,

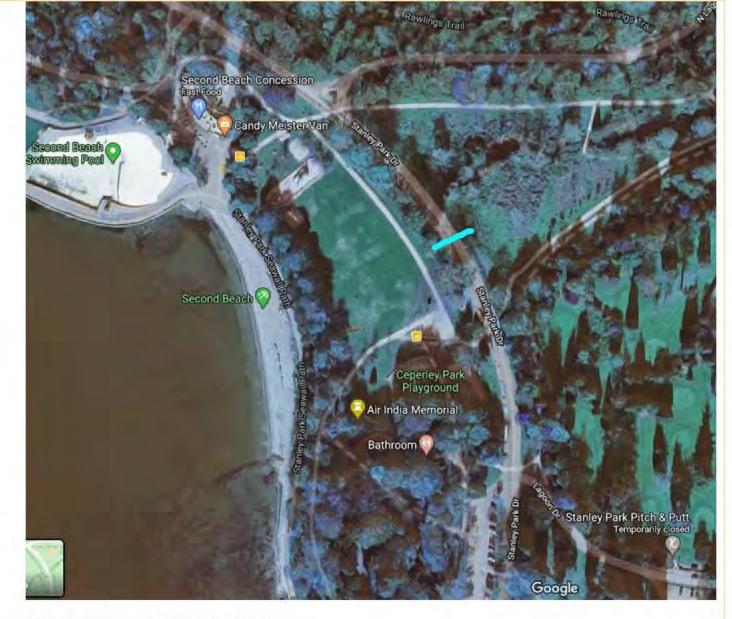
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Do you think we can make this happen? Let me know.

Thank you, Emily

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Regards,

Josh

From: Mueller, Simon Sent: Thursday, April 2, 2020 5:26:24 PM To: Plant, Sherwood; Pablo, Joshua; Albitar, Maria; Dunlop, Emily Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: RE: Closures of Park Drive and Beach Ave - Check In

I suspect that with potentially lower overall cycling volumes I less tourists and less purely rec riders and more those oriented toward exercise - that average cycling speeds would be going up. I regard this as further rationale to create that space off of the Seawall and facilitate increased physical distancing opportunities for the increased walking (relative) numbers.

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Can you compare this to a typical mid-march volume?

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Hello,

I've taken the data from the EcoVisio seawall counters along the Stanley Park loop and put some volumes together.

Seawall Bike Volumes during COVID-19 Quarantine:





To get the hourly volumes, the average hourly count of each of the 3 counters around Stanley Park was taken. The average daily volume is from the average of each week's Tues/Wed/Thur hourly volumes. Week 1, Week 2, and Week 3, are the weeks of March 15-21, March 22-28, and March 29-April 4, respectively. These dates are of comparable weather, and only March 26 was excluded from the data set due to the rain that day.

Let me know if there are any questions or concerns.

Cheers,

Josh

From: Albitar, Maria Sent: Thursday, April 2, 2020 4:25:30 PM To: Pablo, Joshua Subject: Fw: Closures of Park Drive and Beach Ave - Check In

FYI

From: Gould, Brian Sent: April 2, 2020 4:21 PM To: Plant, Sherwood; Dunlop, Emily; Mueller, Simon Cc: Magnusson, Rachel; Glowacz, Katherine; Albitar, Maria; Quintero, Liliana Subject: Re: Closures of Park Drive and Beach Ave - Check In

I wouldn't be surprised if all forms of travel are down in Stanley Park, (and maybe cycling on the loop versus the seawall is already up and therefore not counted?) but it will be interesting to know.

This is collecting my thoughts more than anything, but I think we're trying to do a few things whether it's in the Park or on Beach:

-Reduce potential for crowding by discouraging folks from making long distance trips (close parking lots, on street City of Vancouver - FOI 2020-420 - Page 1180 of 2377 parking, reduce MV access)

-Provide more space for the 50-100k folks stuck at home who have these locations as their "neighbourhood parks" and are having a hard time finding a place to walk or cycle for mental and physical health at a distance -Do what we can to spread people out who do end up on the Seawall, since closing the Seawall would be counter-productive and contrary to provincial guidance (but whether we officially tell people to walk on the closed roadway or the bike path, they will, and it will help)

-Creating a nice wide place for people to ride laps of the park while maintaining space is very helpful too, but it's almost a side-effect of the others

From: Plant, Sherwood Sent: April 2, 2020 3:32:56 PM To: Dunlop, Emily; Mueller, Simon; Gould, Brian Cc: Magnusson, Rachel; Glowacz, Katherine; Albitar, Maria; Quintero, Liliana Subject: RE: Closures of Park Drive and Beach Ave - Check In

Hi Emily,

Overall, cycling numbers are actually down the least in the City, but that may be a reflection of location. Im looping in Maria Albitar who may be able to speak to the specific counts observed near Stanley Park.

Sherwood

From: Dunlop, Emily Sent: Thursday, April 2, 2020 3:31 PM To: Mueller, Simon; Gould, Brian; Plant, Sherwood Cc: Magnusson, Rachel; Glowacz, Katherine Subject: RE: Closures of Park Drive and Beach Ave - Check In

Hi guys,

Do you have any data on # of cyclists counts going around Stanley Park as of the last two weeks during lockdown (ideally during nice weather?). We are just trying to get a sense of how many cyclists we might anticipate (if at all possible). For example, it seems like there has been more walkers than cyclers because there seems to be a lot of locals using the park, but it hard to be sure

Thank you for any info you might have! Emily

-----Original Appointment-----From: Dunlop, Emily Sent: Tuesday, March 31, 2020 10:32 AM To: Dunlop, Emily; Mueller, Simon; Nayeri, Ali; Gore, Amy Cc: Gould, Brian; Plant, Sherwood; Khany, Sam; Magnusson, Rachel (rachel.magnusson@vancouver.ca); Glowacz, Katherine Subject: Closures of Park Drive and Beach Ave - Check In When: Tuesday, March 31, 2020 3:30 PM-4:00 PM (UTC-08:00) Pacific Time (US & Canada). Where: Zoom Meeting (link inside)

Hi Simon,

Can you forward this on to Brian and others as needed?

Thank you, Emily

Zoom Meeting - https://zoom.us/j/3134440478

From:	"Hutch, Dave" <dave.hutch@vancouver.ca></dave.hutch@vancouver.ca>
To:	"Dunlop, Emily" <emily.dunlop@vancouver.ca></emily.dunlop@vancouver.ca>
Date:	4/15/2020 12:12:07 PM
Subject:	RE: Urgent Request - Counters on Stanley Park Drive

We need to get Malcolm (via Christine) some data he's doing g a big CBC interview tomorrow The Current Emily I'll call you

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 12:05 PM To: Hutch, Dave Subject: RE: Urgent Request - Counters on Stanley Park Drive

Okay, let me get in touch with Joshua to confirm.

From: Hutch, Dave Sent: Wednesday, April 15, 2020 11:46 AM To: Dunlop, Emily Subject: RE: Urgent Request - Counters on Stanley Park Drive

Also Djust Saturday Sunday or does it include Friday Monday

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 11:43 AM To: Hutch, Dave Subject: RE: Urgent Request - Counters on Stanley Park Drive

No its total bike volume (on the seawall and the road) for last year and this year.

From: Hutch, Dave Sent: Wednesday, April 15, 2020 11:42 AM To: Dunlop, Emily Subject: RE: Urgent Request - Counters on Stanley Park Drive

So you can really compare the 2 - as not the same location

From: Dunlop, Emily Sent: Wednesday, April 15, 2020 11:40 AM To: Hutch, Dave Subject: RE: Urgent Request - Counters on Stanley Park Drive

Counters on Park Drive for this year, counters on road and seawall for last year, but all for only cyclists.

From: Hutch, Dave Sent: Wednesday, April 15, 2020 11:33 AM To: Dunlop, Emily Subject: RE: Urgent Request - Counters on Stanley Park Drive Importance: High

Is this the data from the counters on Park Dr? Dor the detector loops on the seawall? Need clarification On SLT call now

From: Dunlop, Emily

Sent: Wednesday, April 15, 2020 10:39 AM To: Hutch, Dave Cc: Gore, Amy; Shearer, Doug; Stewart, Ian Subject: FW: Urgent Request - Counters on Stanley Park Drive Importance: High

Hi Dave,

This just in from TDM office Ecycling counts for this weekend (compared to Easter weekend last year).

DATE	Easter Weekend (2019) for reference	Easter Weekend 2020
TOTAL WEEKEND VOLUME	11,766	16,233
AVG DAILY VOLUMNE	3,922	5,411

SUMMARY:

- 1. With the measures in place, Stanley Park saw a 38% increase in cycling counts this past weekend compared to last weekend.
- 2. Weather on both weekends this year and last was the same sunny weather, so unlikely that weather had an impact on numbers
- 3. For reference, the closure of the seawall to bikes does seem to be working as those seawall counters are experiencing a **97% reduction** / compliance.

Thanks, Emily

From: Pablo, Joshua

Sent: Wednesday, April 15, 2020 9:44 AM To: Quintero, Liliana; Dunlop, Emily; Mueller, Simon; Plant, Sherwood; Albitar, Maria Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica Subject: Re: Urgent Request - Counters on Stanley Park Drive

Hi Emily,

I've gotten the new counter data and compiled the results for Easter Weekend (Friday-Sunday).

Last year, the total bike volume in Stanley Park throughout easter weekend was 11766, with an average of 3922 each day. **This year**, there was 16233 throughout the weekend, with an average of 5411 each day, which is a 38% increase from last year. For reference, the closure of the seawall does seem to be working as those seawall counters are experiencing a 97% reduction.

For last year's calculation, I got the total volume for each day, by averaging the hourly counts from each of the counters along the Stanley Park loop. For this year, I did the same but with the two new hoses that were installed. Both this year's Easter Weekend and last year's had similar weather, and its unlikely the increase is due a change in weather condition.

Let me know if you need anything else, or if you have any questions.

Regards,

Josh

From: Quintero, Liliana Sent: Tuesday, April 14, 2020 9:00:44 AM To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria; Pablo, Joshua Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica Subject: RE: Urgent Request - Counters on Stanley Park Drive

Hi Emily

Ryan & Jessica will go today to download this weekend data. We will then compile the results and share it with you.

Liliana

From: Dunlop, Emily
Sent: Monday, April 13, 2020 11:13 PM
To: Quintero, Liliana; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica
Subject: RE: Urgent Request - Counters on Stanley Park Drive

Hi Liliana,

Sorry I didn get a chance to respond on Thursday, but any COV vehicles are permitted access where needed in Stanley Park, and I saw the counters were installed on Thursday afternoon, so thank you very much to you and the techs! I cycled around the Park a few times this weekend, and there were lots of people out. Do you know how soon we can collect the data?

Thank you Emily

> Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From: Quintero, Liliana
Sent: Thursday, April 9, 2020 11:15 AM
To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik; Gatten, Ryan; Starcevic, Jessica
Subject: RE: Urgent Request - Counters on Stanley Park Drive

Also any special permission for our techs to get through with their City van, since the road is closed to vehicles? Please inform staff so they can grant access for : Ryan Gatten and Jessica Starcevic

From: Quintero, Liliana
Sent: Thursday, April 09, 2020 11:08 AM
To: Dunlop, Emily; Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria
Cc: Magnusson, Rachel; Glowacz, Katherine; Gore, Amy; Bonderud, Erik
Subject: RE: Urgent Request - Counters on Stanley Park Drive

HI Emily

We are sending our hose technicians to install temporary hoses today. Because the eco counters are located on the seawall, so they wont capture bikes on the road.

Liliana

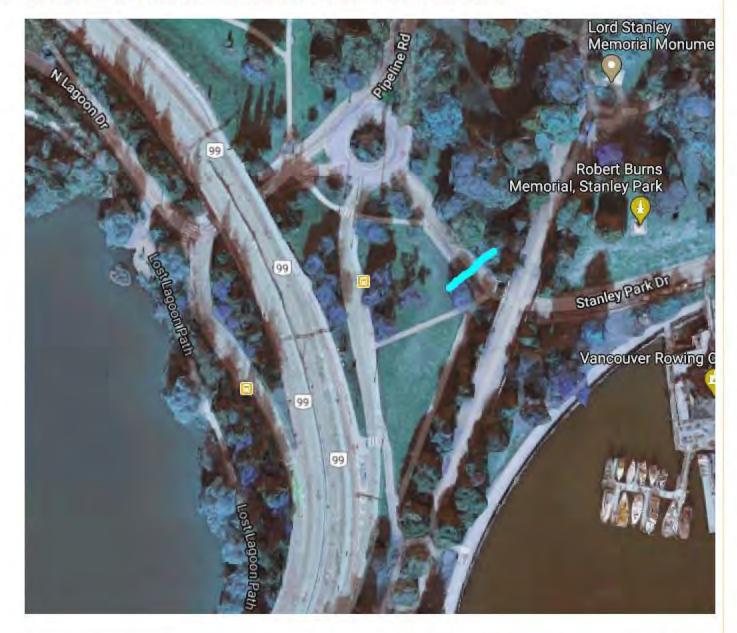
From: Dunlop, Emily Sent: Thursday, April 09, 2020 10:59 AM To: Pablo, Joshua; Mueller, Simon; Plant, Sherwood; Albitar, Maria Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana; Gore, Amy Subject: Urgent Request - Counters on Stanley Park Drive Importance: High

Hi everyone,

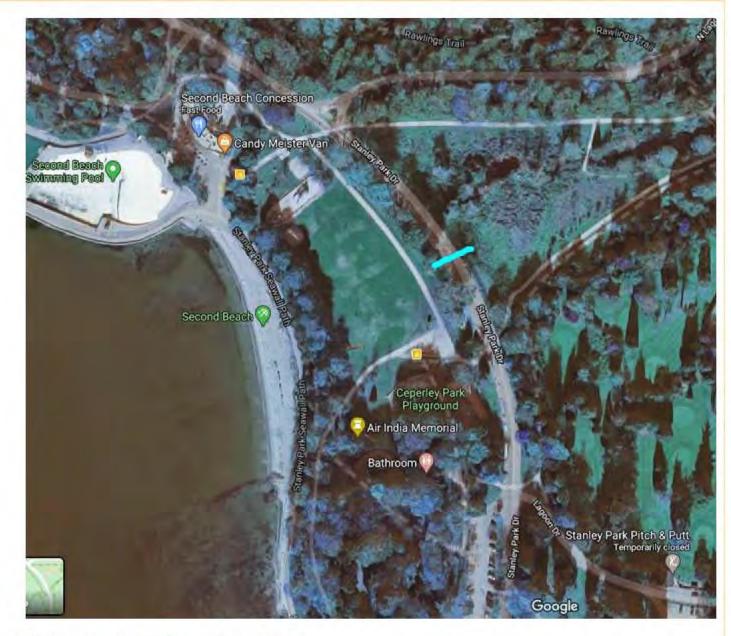
Urgent request here so my apologies for the mass email, but our General Manager Malcolm Bromley has asked for counters to be installed around Park Drive (on the roadway) in Stanley Park. Is this something we can expedite (ideally and if at all possible before the long weekend??) The road closure is in effect and we are already seeing a surge of cyclists. In assuming the Eco-Counter won pick up cyclists on the road? So we figured a minimum of one tube counter is needed, but two would be ideal:

We were thinking of these two locations:

1. One right before or after the pedestrian bridge to the west of the Rowing Club



2. One somewhere along Park Drive on the west side of the park (recommend north of South Lagoon Drive to avoid vehicle traffic) City of Vancouver - FOI 2020-420 - Page 1185 of 2377



Do you think we can make this happen? Let me know.

Thank you, Emily

> Emily Dunlop, MBCSLA, CSLA, BLA | Senior Planner Vancouver Board of Parks and Recreation | 2099 Beach Avenue t. 604.257.8424 c. 604.354.6409 emily.dunlop@vancouver.ca

From: Pablo, Joshua Sent: Friday, April 3, 2020 10:52 AM To: Mueller, Simon; Plant, Sherwood; Albitar, Maria; Dunlop, Emily Cc: Magnusson, Rachel; Glowacz, Katherine; Quintero, Liliana Subject: Re: Closures of Park Drive and Beach Ave - Check In

Hello,

Here's a table comparing the previous week's daily volumes with the typical march mid-week volume. It actually does look like around the Stanley Park loop, there are increased bike volumes. From Week 3, there is an increase of 21% in the daily volume and an increase of 38% in the daily peak. This does support the need to spread people out around the park.

Week	Daily Peak (4pm-7pm)	Average Daily Volume
Typical March Midweek	346	967
Week 1 (March 15-21)	809	2142
Week 2 (March 22-28	568	1343
Week 3 (March 29-April 4)	478	1174

Please note the counter can pick up the same person if doing multiple laps, so the actual total volume of cyclists may be lower than what is reflected in the table.

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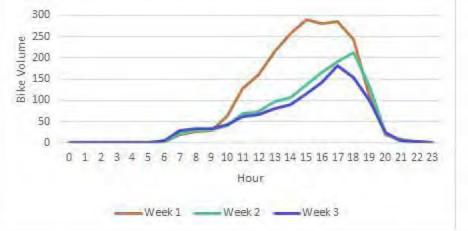
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Seawall Bike Volumes during COVID-19 Quarantine:

City of Vancouver - FOI 2020-420 - Page 1187 of 2377





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