

INSIGHTS

80% of survey respondents visit beaches with the primary goal of relaxation.

63% of survey respondents visit beaches to socialize or have picnics and BBQ.

Beaches

More than 3.1 million visits!





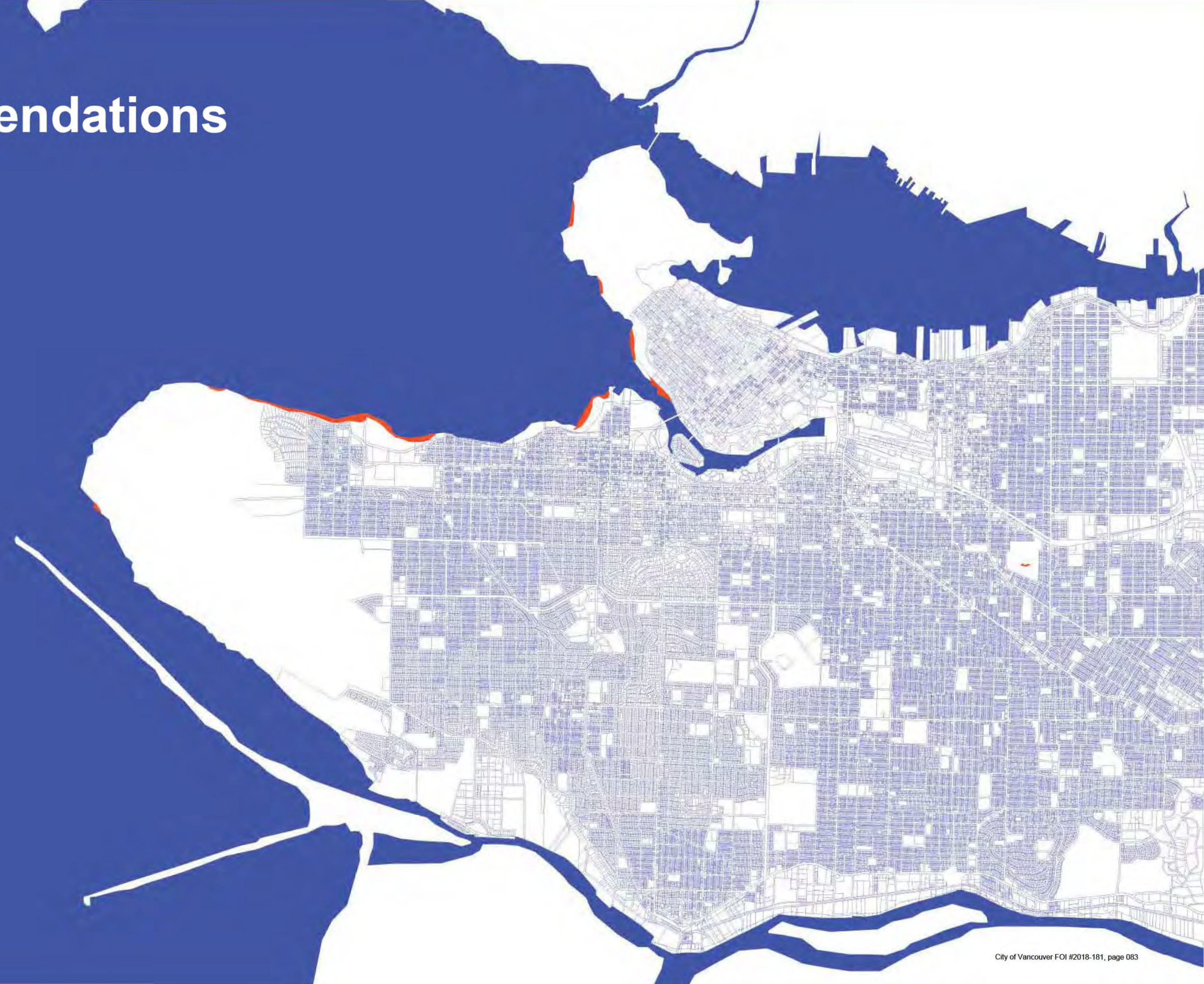


INSIGHTS

45% of survey respondents want more shaded places to sit.

37% of survey respondents identified that alcohol at beaches was important.

Beaches Recommendations



Non-Traditional Aquatics

What's possible?

Non-Traditional Aquatics

What's possible?

Non-traditional ideas for implementation and consideration.

Non-Traditional Aquatics

What's possible?

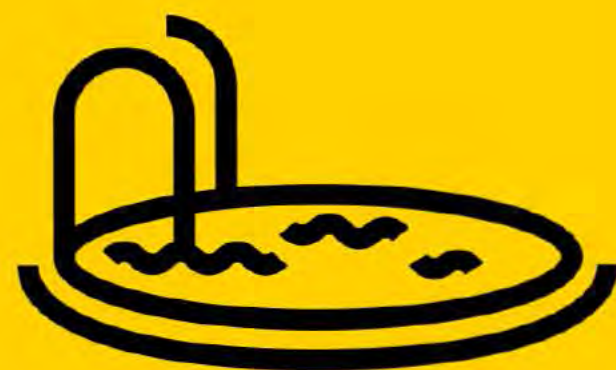
Non-traditional ideas for implementation and consideration.

These locations are not necessarily a physical recommendation, but an idea about the spread of equity and service throughout our City.

Non-Traditional Aquatics



Floating Sauna
/ Beach Sauna



Wellness
Amenities



Natural
Filtration



Urban
Splashpark



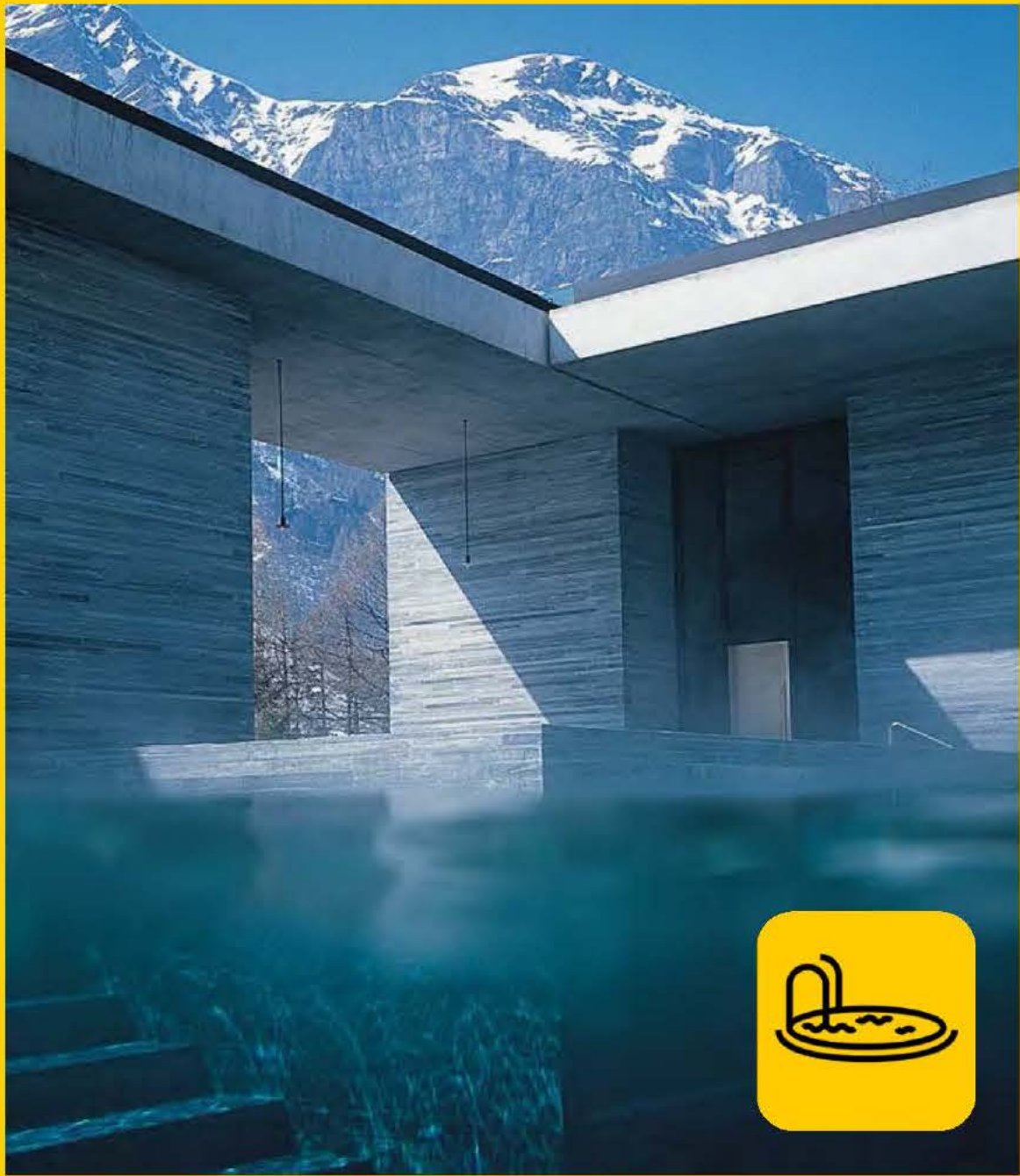
Ocean Play



Urban Beach



Harbour Deck





Non-Traditional Aquatics

Floating Sauna / Beach Sauna



**"I like the type of pools in Berlin and
Copenhagen - right in the ocean,
jumping off docks and decks!"**

-From 2016 VanSplash Survey



Non-Traditional Aquatics

Harbour Deck





Non-Traditional Aquatics

Urban Splashpark





Non-Traditional Aquatics

Temporary Play Structures





INSIGHT

32% of survey respondents want more spa-like experiences at pools.



36-38°C

38-40°C



Non-Traditional Aquatics

Wellness Amenities



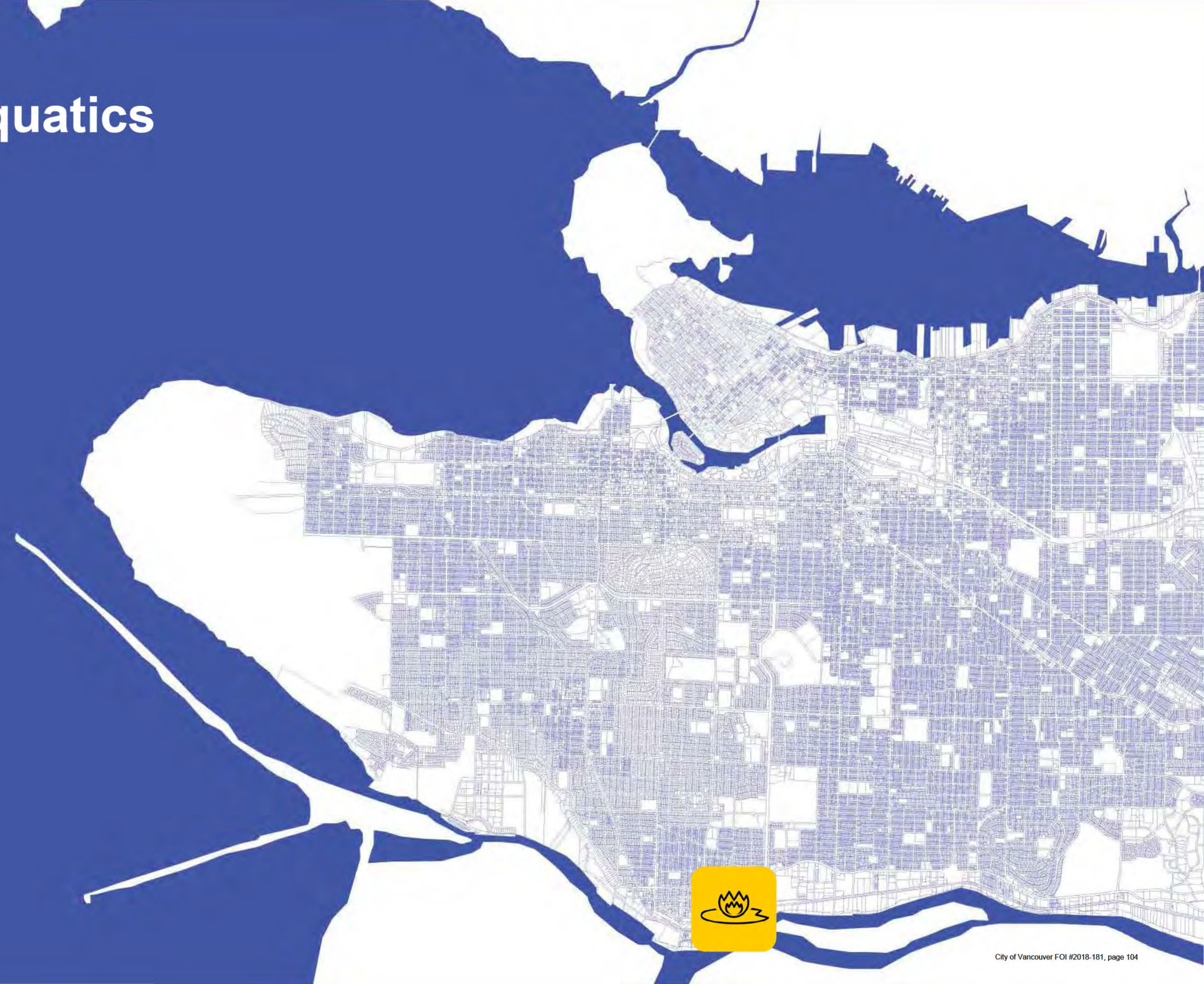
INSIGHT

67% of survey respondents identified a natural outdoor swimming pool as an innovative feature they want to see as a part of Vancouver aquatics.



Non-Traditional Aquatics

Natural Filtration





Non-Traditional Aquatics

Urban Beach

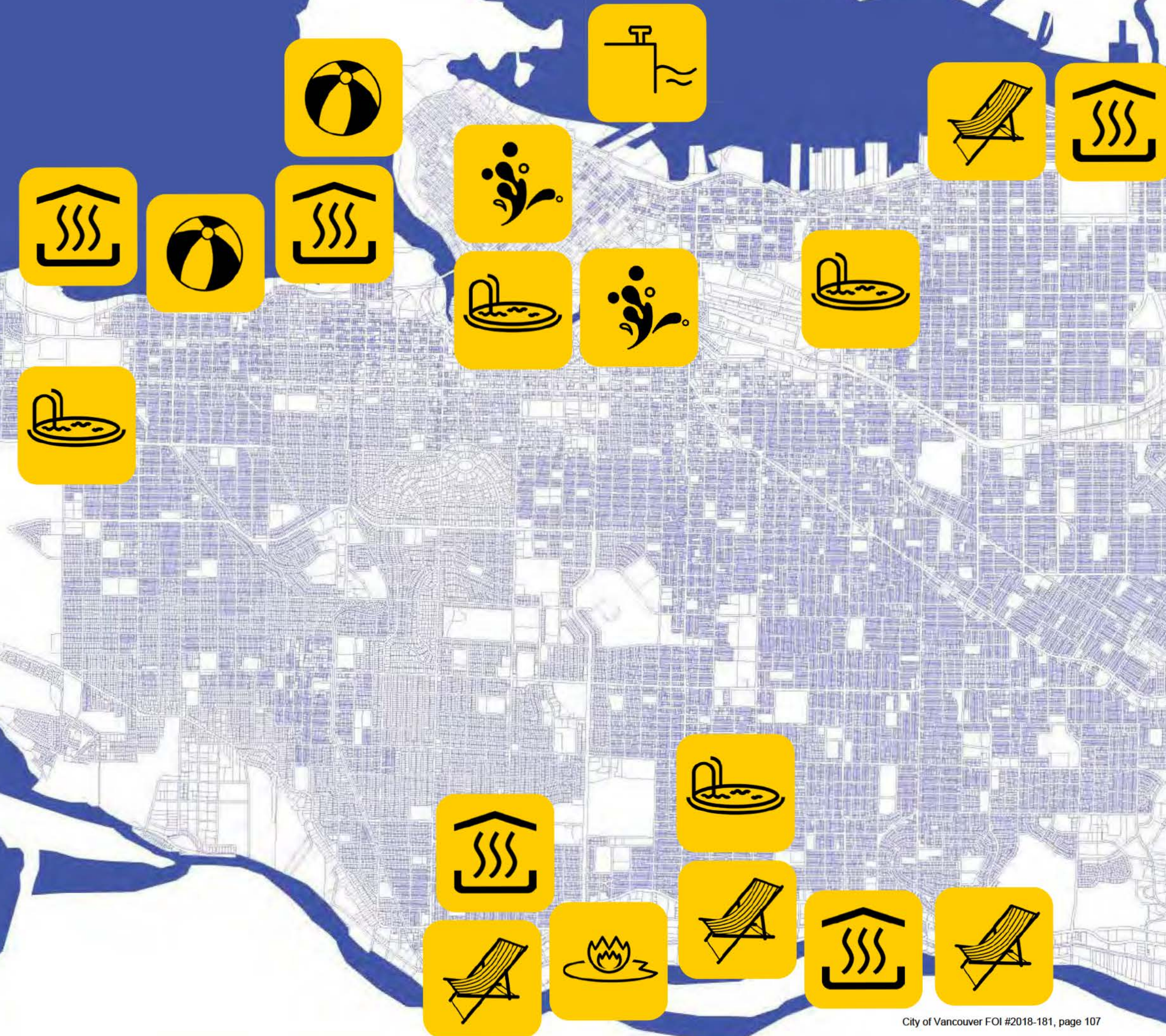


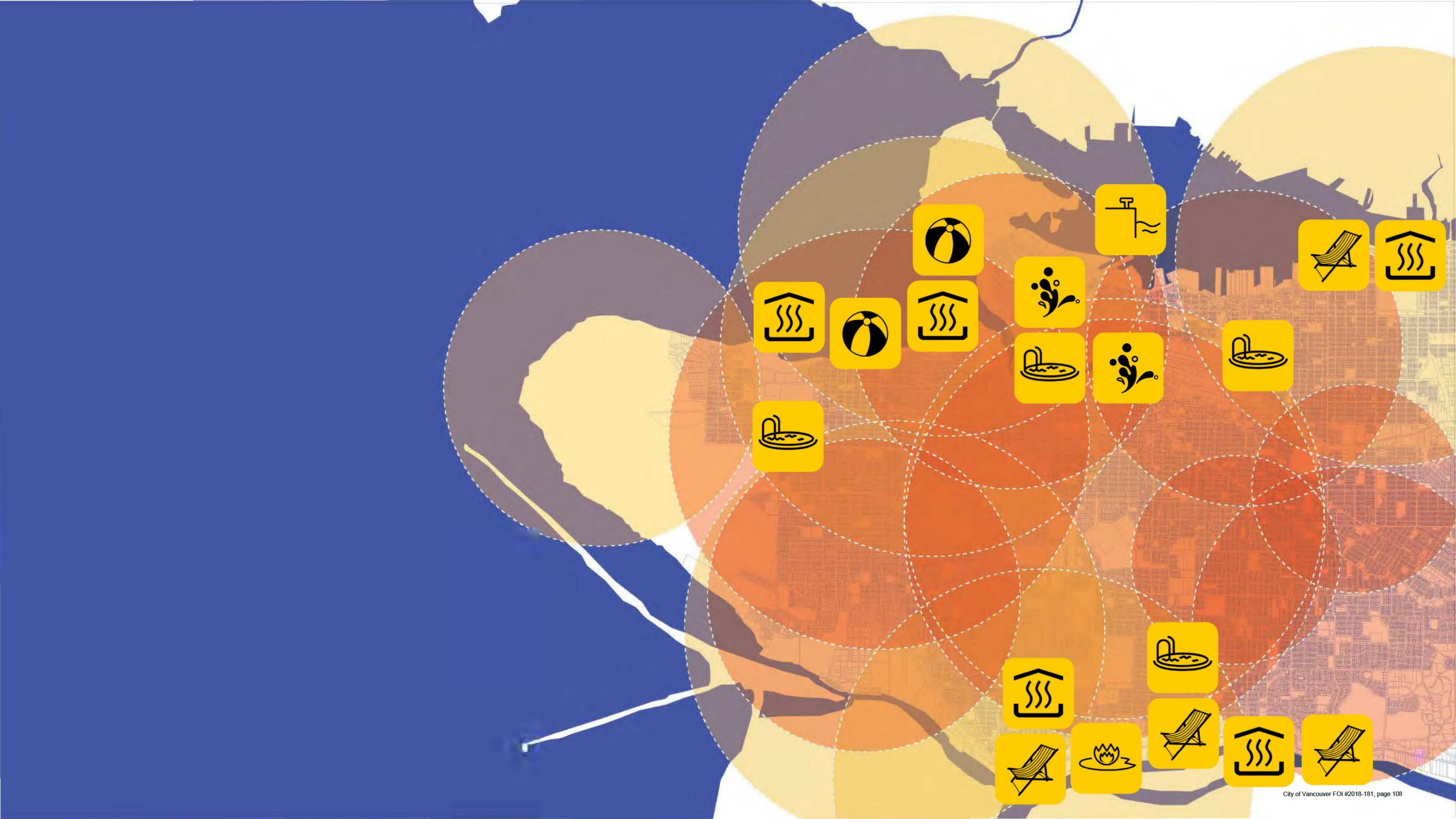
Non-Traditional Aquatics Recommendation

Overlay innovative aquatic experiences to enhance the traditional aquatic service offerings.

Locate innovate experiences where possible synergies exist with new traditional facilities.

Measure the impact on new success targets – social inclusion, community building, connection to nature.





Connaught Park (Test Fit)

Facility Level: City-Wide Destination

Approximate Facility Size:

Hillcrest Aquatic Centre:

West Vancouver Aquatic Centre:

Grandview Heights Aquatic Centre (footprint):

3,750 sq.m (40,350 sq.ft)

3,720 sq.m (40,050 sq.ft)

3,720 square metres (40,050 sq.ft)

4,950 square metres (53,300 sq.ft)

Approximate Parking Capacity

Hillcrest aquatic, fitness, community, ice arena, curling:

West Vancouver aquatic, fitness, community, ice arena:

Grandview aquatic, fitness:

200-250 stalls

248 stalls

204 stalls

230 stalls

Assumptions:

Retain existing arena and community centre

Retain existing sport fields

Partial underground parking

Connaught Park (Test Fit)



Connaught Park (Test Fit)



Connaught Park (Test Fit)



Connaught Park (Test Fit)



Connaught Park (Test Fit)



Connaught Park (Test Fit)



Order of Magnitude Costing

City-Wide Destination

Approximate price per square meter:	\$5,800 / sq.m (\$540 / sq.ft)
Approximate Area:	4,000 square metres (43,050 sq.ft)
Approximate Cost:	\$23 million

Community

Approximate price per square meter:	\$5,800 / sq.m (\$540 / sq.ft)
Approximate Area:	3,000 sq.m (32,300 sq.ft)
Approximate Cost:	\$17.5 million

Next Steps

Draft Implementation Plan – Phasing & Costing

Presentation to CPOC
not yet scheduled

Public Engagement
June – July

SMT Presentation on Engagement Summary
September

Board Presentation
October

Board Presentation for Approval
December

Key Questions

YMCA not going through at Pearson Dogwood – what is the impact?

New VAC has opportunities to pair with ocean i.e. salt-water flow through plunge pool?

Thoughts on responsibility/requirement for supply of new sport hosting facility as other new facilities continue to support this need? Relates to financial viability of sport aquatic complexes, but is also concerned about impact on local sport community.

Thoughts on the location of the proposed Fraser River new outdoor destination pool?

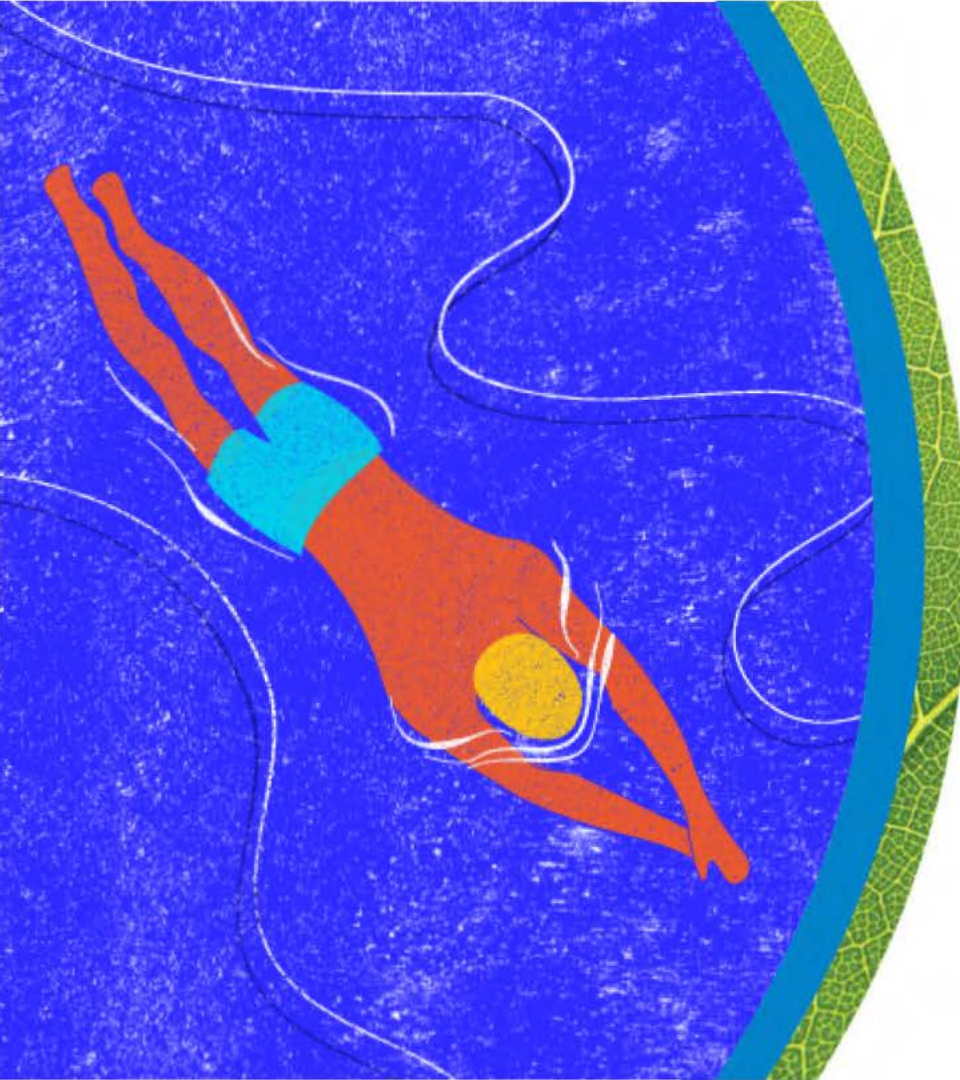
The outdoor pools recommendation doesn't meet the Board direction for a quick start pool, does SMT support the outdoor pool direction for the new outdoor destination pool?

The recommendation is to phase-out wading pools, but does not include location criteria for replacement spray parks, which is to be determined by PRSMP. Do we need an interim solution for Park Development?

Should the Kerrisdale Pool be renewed on site or relocated?

Should VAC be rebuilt as a destination or community pool?

Should a new sport hosting facility be supplied or will other new facilities continue to support this need?



VanSplash (Aquatic Strategy) Update

May 8, 2017



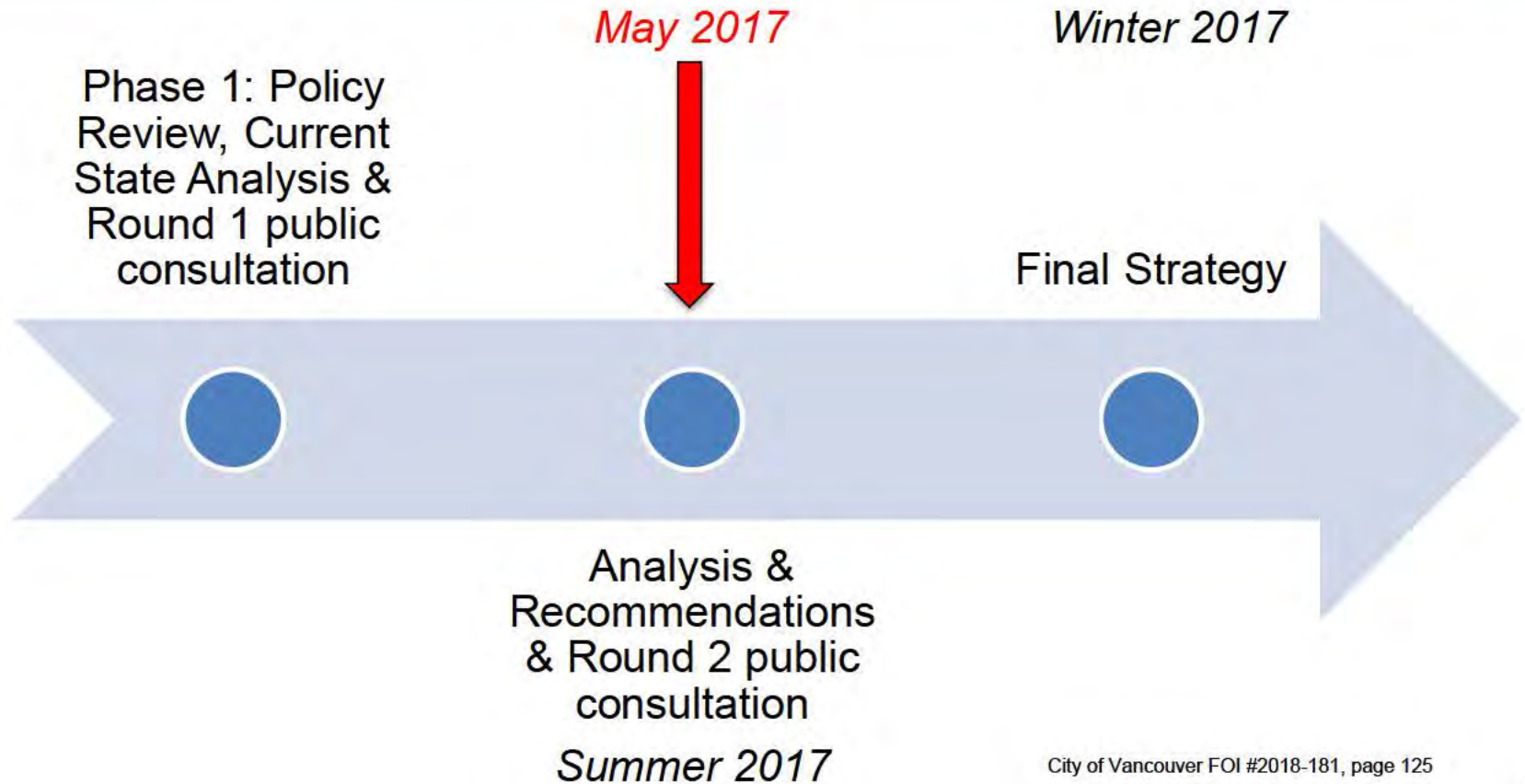
To provide an update on progress to date on the Vancouver Aquatic Strategy (VanSplash) including draft recommendations.

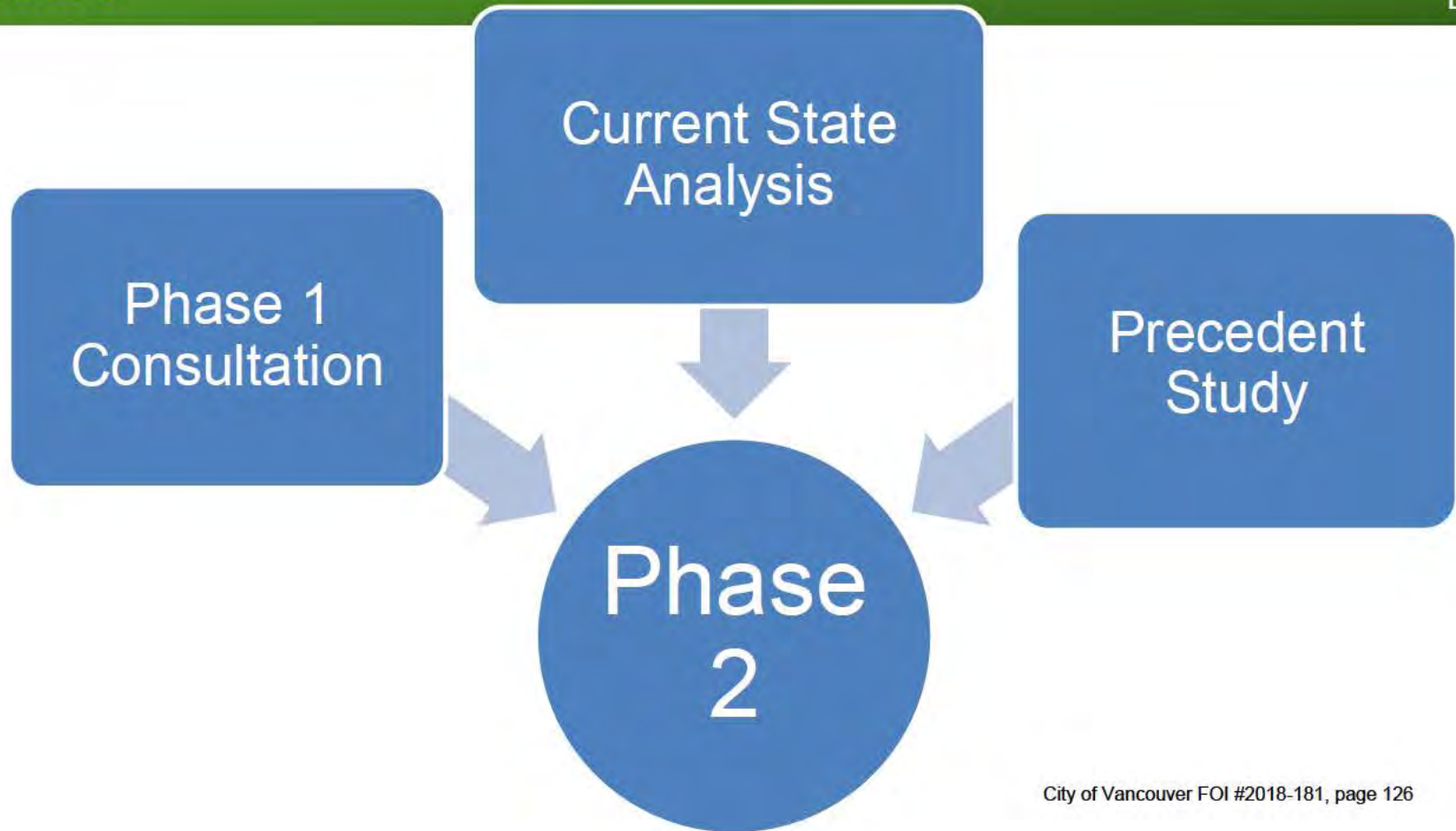
- Introduction (objectives, process)
- Draft Recommendations

- Reviews condition, effectiveness and performance of current system.
- Validates optimum city-wide service levels and delivery, including metrics.
- Establishes a timeline for renewal and replacement of existing facilities (indoor and outdoor).
- Considers aquatic services within a 25 year time-frame (accounting for anticipated population growth).
- Provides a 10 year Implementation Plan, but a longer vision.

- Broadens the definition of aquatics to include beaches, wading pools, spray parks.
- Explores recommendations for new and innovative directions, and the idea of water as only one component of the destination.
- Seeks to:
 - enhance social inclusion
 - support community and personal well-being

- Vancouver's unique aquatic context.
- Focus on a broader range of experiences.
- Broader definition of aquatic services – the idea of water as only one component of the destination.





Phase 1 Public Engagement by the Numbers



- 2 open house events: **375**
- Online and hard copy survey: **4556**
- Translated Chinese language hard copy survey: **60**
- Comments received via email: **45**
- Stakeholder workshops: **5**
- Groups in attendance/invited: **60/150**



- 2001 Strategy resulted in a phased implementation plan, recommending a reassessment once Phase 1 (Renfrew pool renewal, new pools at Hillcrest and Killarney) was completed.
- Phase 1 was accomplished and a Strategy update and evaluation was undertaken in 2011.
- 2017 Strategy builds on this evaluation and method.

Indoor Pools
Outdoor Pools
Wading Pools, Spray Parks, Beaches
Non-Traditional Aquatics



Indoor Pools



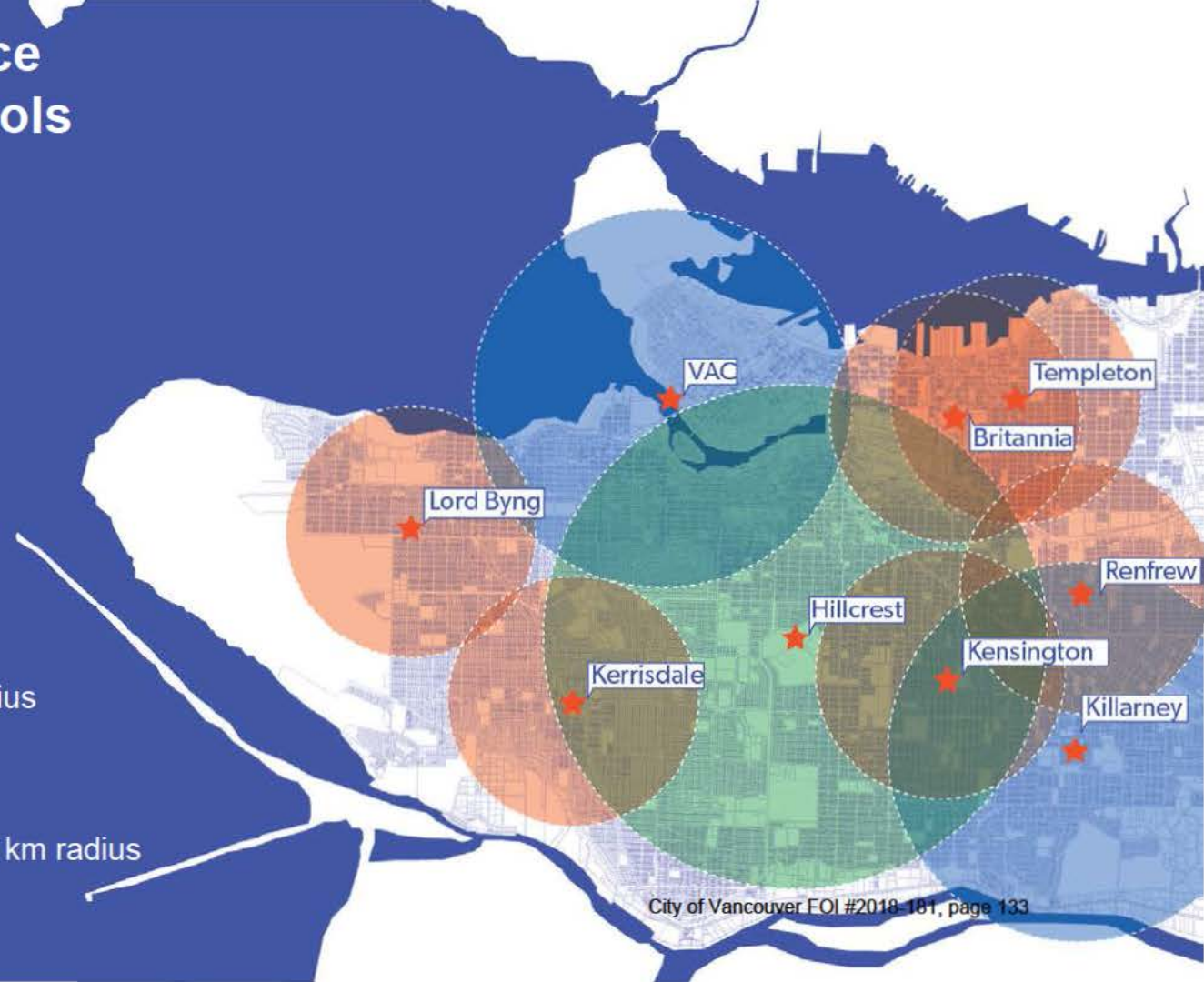
- 2011 Update:
 - Confirmed the success of the new hierarchy of facility sizes (Hillcrest and Killarney), and recommended shifting away from a network of neighbourhood pools.
 - Focused on renewal and consolidation of indoor facilities.
 - The 2017 Strategy builds on this approach.

- Retaining 2001 swim target of 5 swims/capita.
- Retaining geographic coverage target.

Geographic Service

Current Indoor Pools

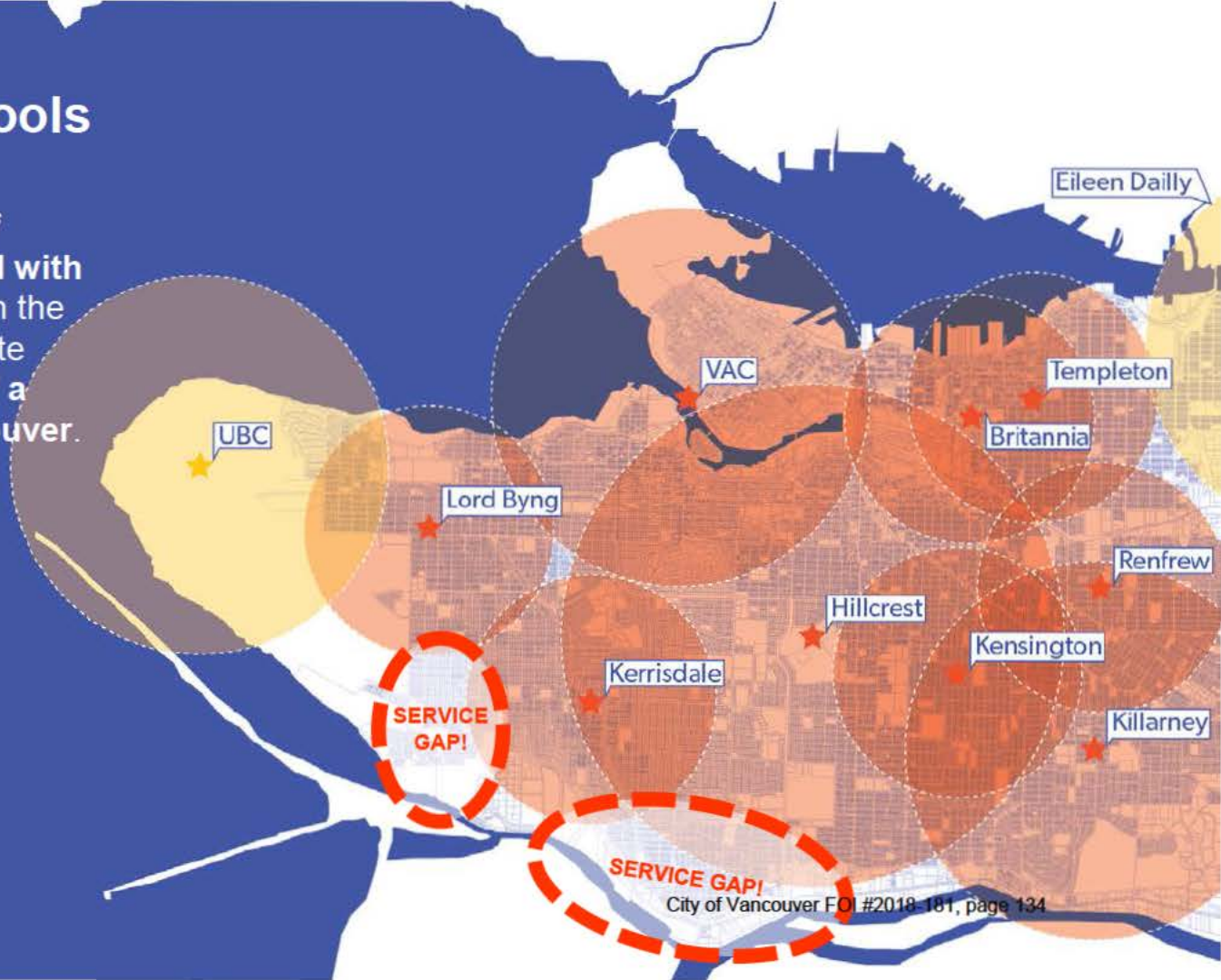
-  Neighbourhood – 2 km radius
-  Community – 3 km radius
-  City-Wide / Destination – 4 km radius



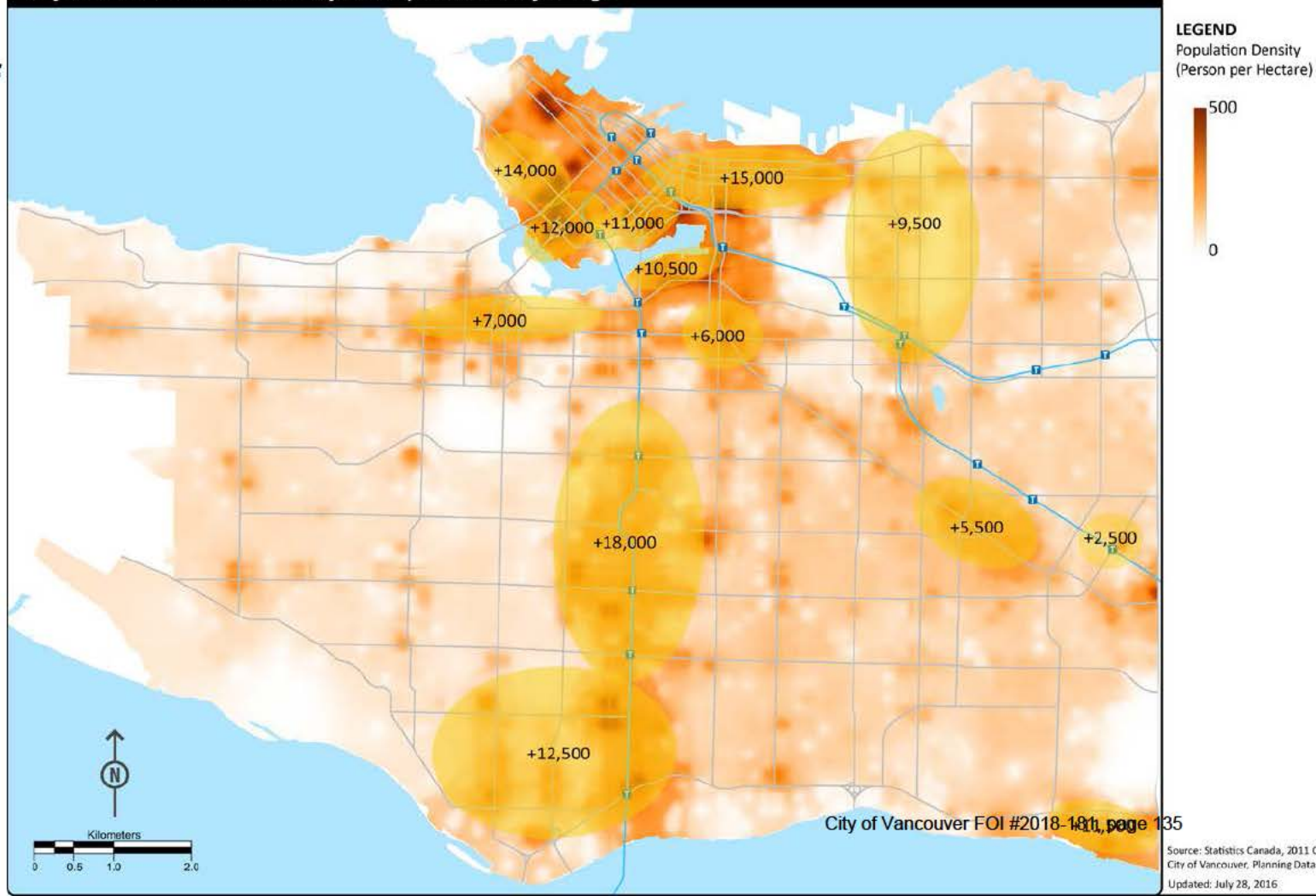
Current Indoor Pools

Geographically, all areas of Vancouver are well served with indoor pool facilities within the targeted range of a 10 minute drive, with the exception of a small area in South Vancouver.

- Other facilities
- VPB facilities



Key Areas of Anticipated Growth & Density (25 Years)



- The population is expected to grow by up to 15% over the next 25 years.
- It is expected to age significantly, with fewer net school aged children.
- With an aging population, we foresee a change in swimming programming and need to be able to adapt.

Social Inclusivity

Engaging People

Well-being

Sustainability

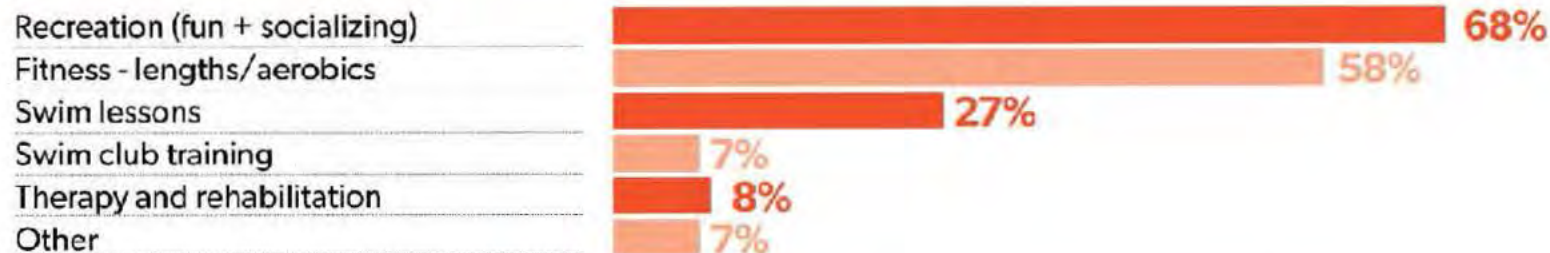
Connection to Nature

Active Living

Vibrant Experiences

Flexible + Functional Facilities

MAIN ACTIVITIES VISITORS PARTAKE IN:



"My teenagers would like more "things to do" in local pools - rope swings, large slides, lazy rivers, etc. There are few of these facilities in Vancouver, so the demand is high at those locations (e.g. Hillcrest). In past years, we have frequently gone to Ladner Leisure Centre/ Eileen Dailly instead, as well as the UBC pool."



-From 2016 VanSplash Survey

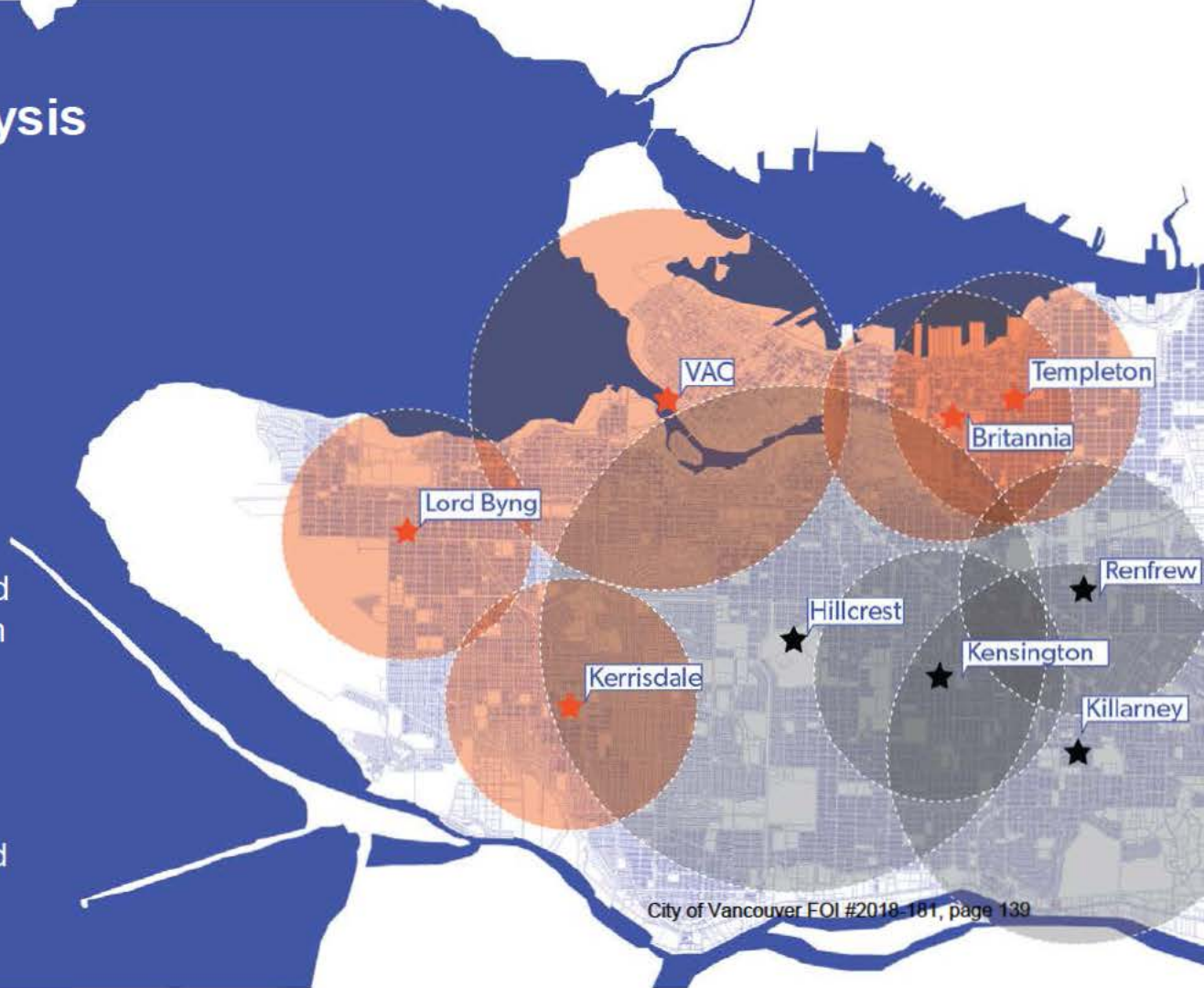
Indoor Pools Analysis

Determine "What's working..."

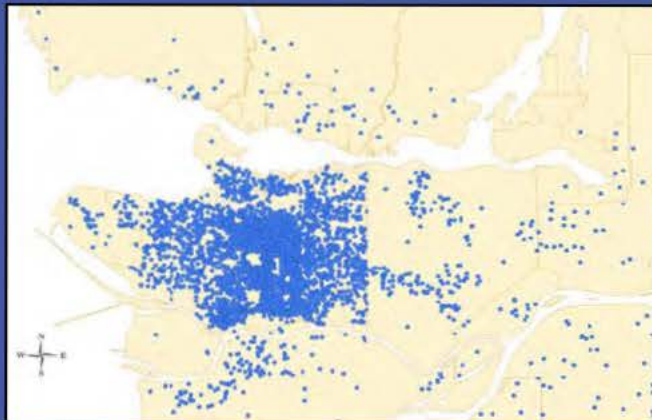
The pools that are the **newest**, or have had **significant investment** (*Renfrew, Killarney, Hillcrest*) are the **best utilized** and **most financially efficient**.

Indoor pool use has increased since these investments (from 2.4 to 3.4 swims/capita).

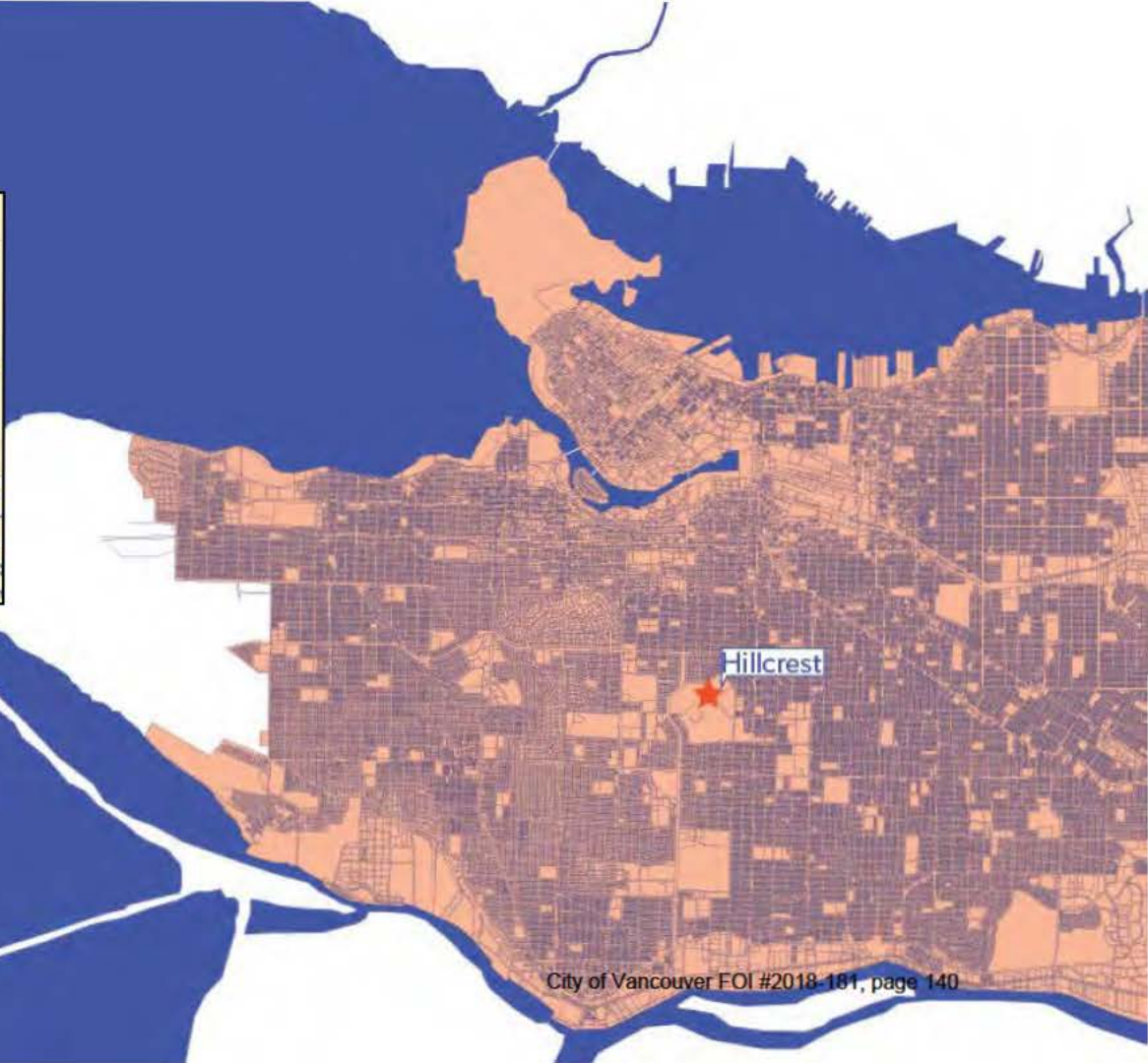
-  Upgrades recommended
-  No upgrades recommended



Indoor Pool Analysis



We learned that Hillcrest is a destination for the whole city.





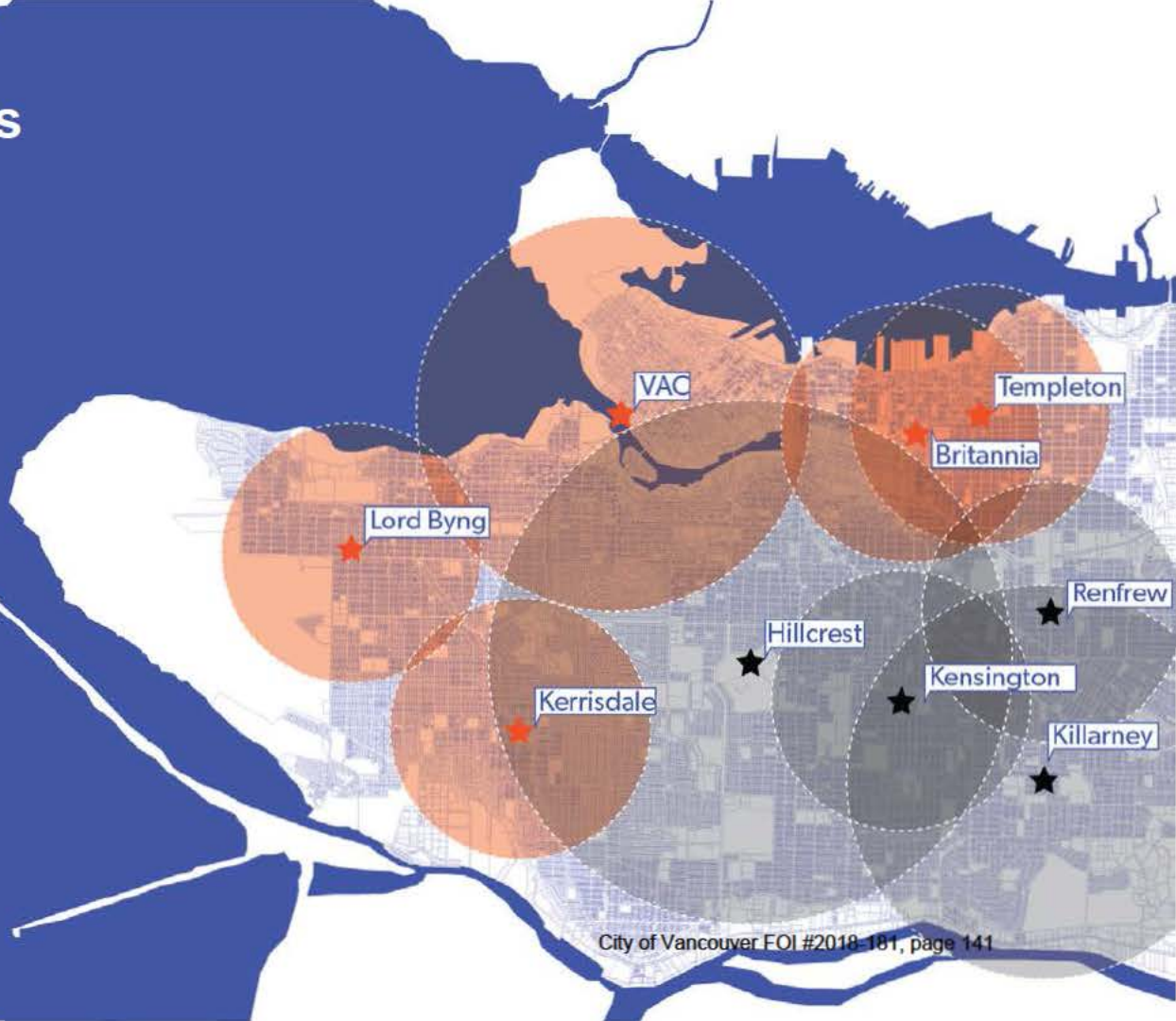
Indoor Pools Analysis

Determine "What's not working..."

The indoor pools approaching the end of their functional lifespan are the most underutilized, least efficient, and have the highest subsidy per swim (VAC, Kerrisdale, Britannia, Lord Byng, Templeton).

They make up only 34% of all visits to indoor pools.

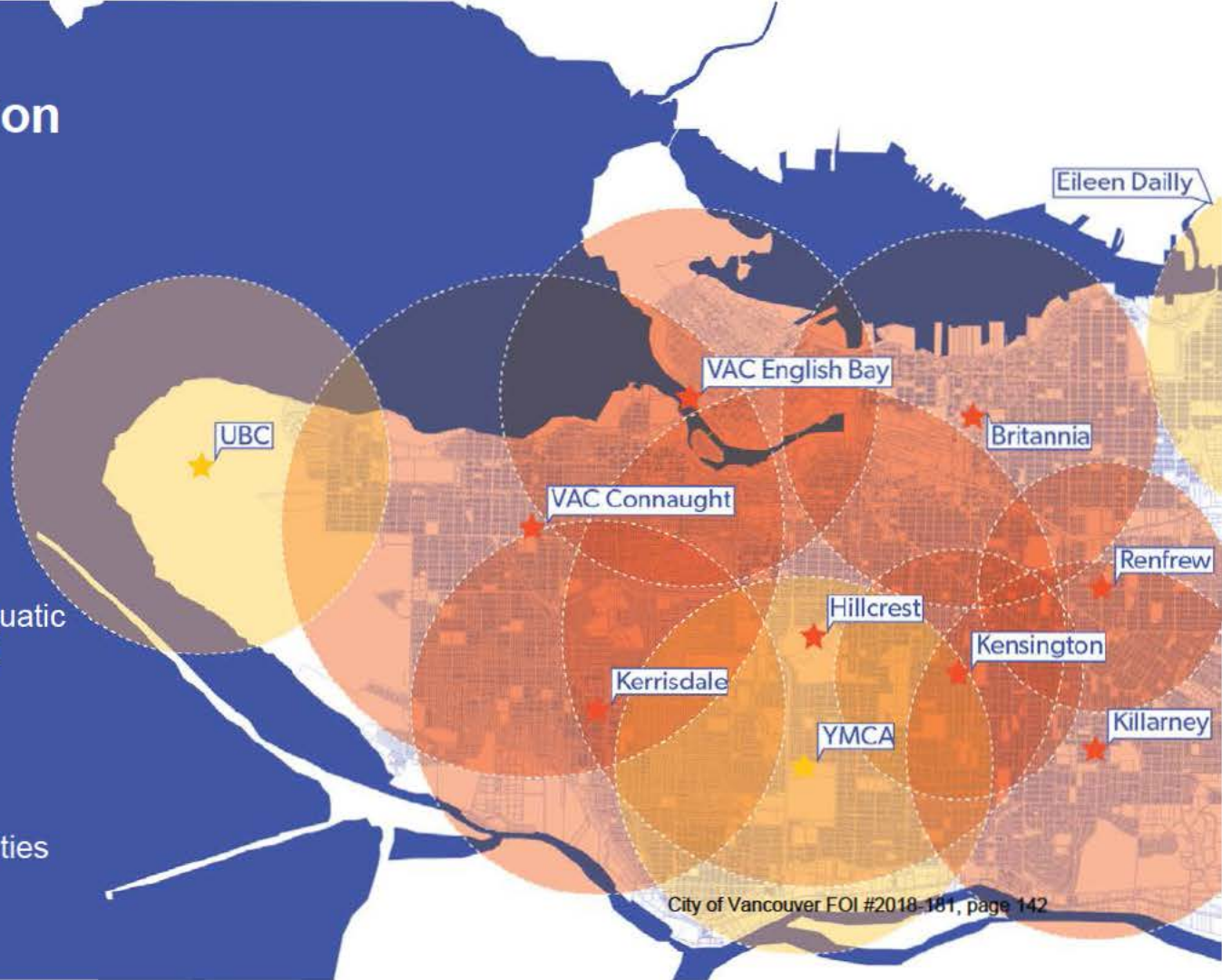
-  Upgrades recommended
-  No upgrades recommended



Indoor Pools Vision

Accessibility to a variety of aquatic experiences across improved geographic coverage.

-  Other facilities
-  Recommended VPB facilities



Recommended Level of Pool Supply

2017 Recs	2017 Existing	2011 Recs	LEVEL	DESCRIPTION + PROVISION STANDARD	EXAMPLES	PRIMARY AQUATIC SERVICE CATEGORIES DELIVERED
2	6	4-6 →	NEIGHBOURHOOD (local)	Modest pools with a 25 m six lane tank providing basic aquatic services for a local area of 60,000 to 90,000 residents, with capacity for about 200,000 swims per year	Renfrew	<ul style="list-style-type: none"> • Skill Development • Fitness Swimming
3-4	2	2 ←	COMMUNITY (district)	A multi-tank pool with more specialized aquatic services serving one quarter to one half of the City, with capacity for about 400,000 swims per year	Killarney	<ul style="list-style-type: none"> • Therapy and rehab
2-3	1	1 ←	CITY-WIDE (DESTINATION) (city-serving)	Much more comprehensive multi-tank pools serving all residents of the City, centrally located and easily accessible from all parts of the City, with capacity for about 750,000 to 800,000 swims per year	Hillcrest Vancouver Aquatic Centre	<ul style="list-style-type: none"> • Recreational Swimming • Sport training • Leadership Training • Special Events
<hr/> 8	<hr/> 9	<hr/> 7-9				

Indoor Pools Vision

Replace Templeton and Britannia with one **Community** pool.

Replace Kerrisdale with a **Community** pool.

Demolish Lord Byng, replace with a new **City-Wide (Destination)** pool with a sport training focus.

Replace VAC with a wellness-oriented **Community** or **Destination** pool on the same site.

YMCA partnership in south Vancouver.



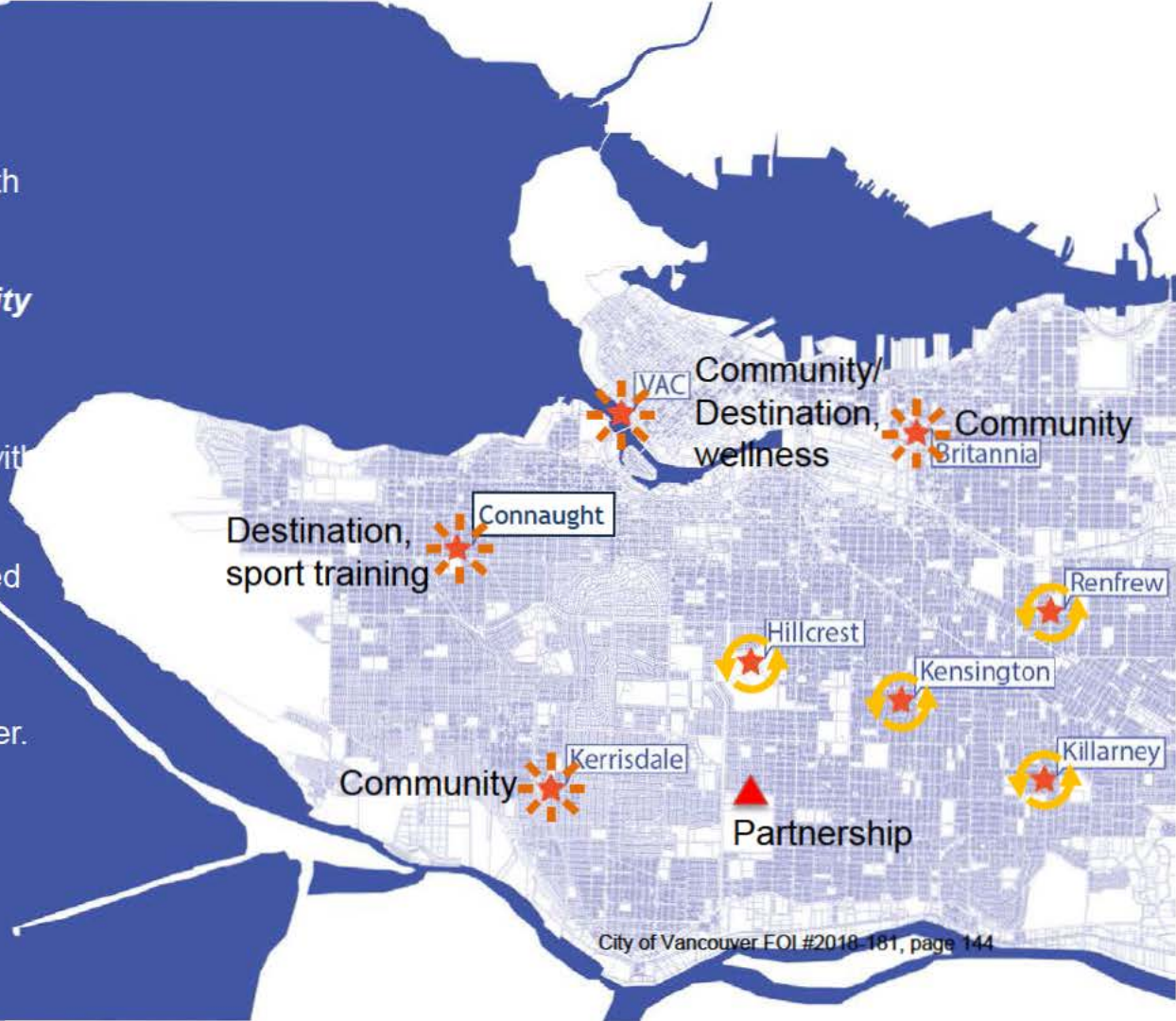
New



Maintain as-is



New Partnership



- Focus on Park Board facilities, primarily co-located with rinks and community centres.
- Testing a partnership model: YMCA in South Vancouver (details TBD).

Considerations re: other partnerships:

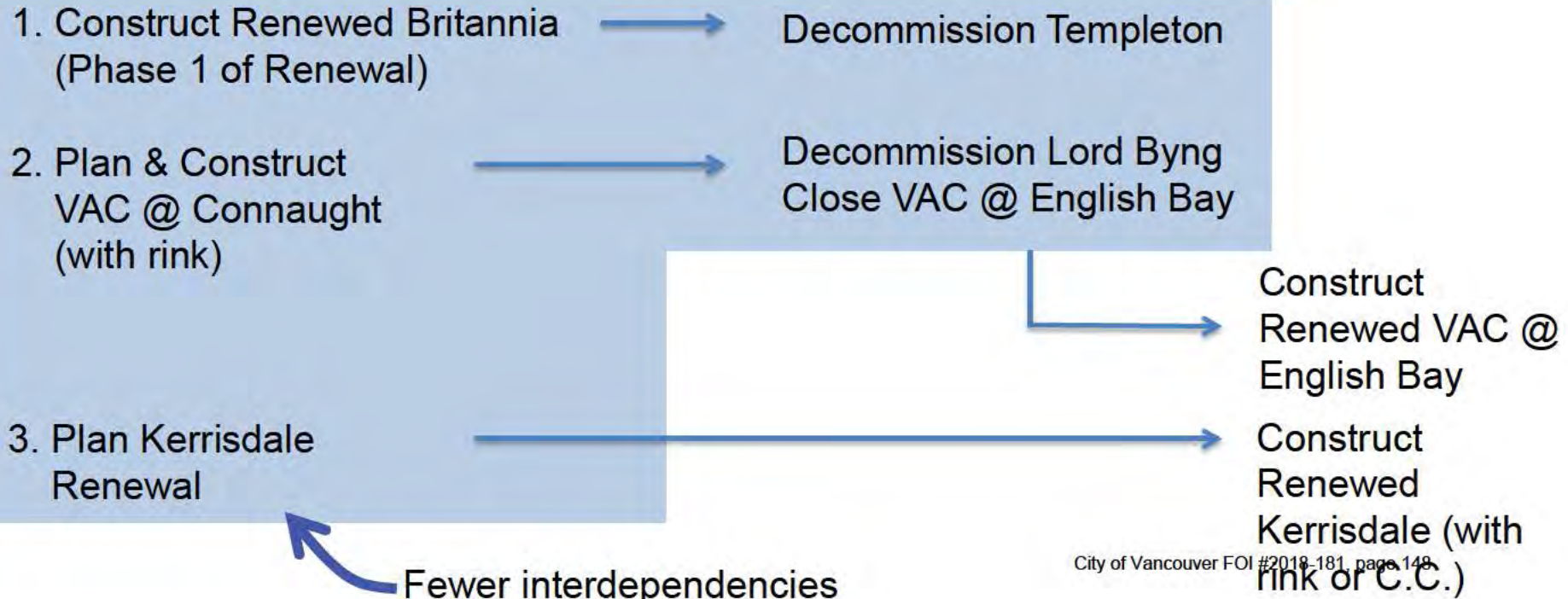
- Operating models.
- Programming synergies.
- Equity and access, location.

- Co-locating facilities – Connaught, Kerrisdale.
- Move away from neighbourhood scaled pools.
- Plan to decommission or replace older pools, which are operationally less efficient, and require higher subsidies.
- Reduction in total number of Park Board owned pools.
- Connaught as a sport training pool, but not a hosting facility.

- It is very important to operate a pool as close to full capacity as is reasonably possible.
- Vancouver should try to size its pools to meet current and short term future needs, and not the needs of the very long term future – sequencing and phasing will consider this through an incremental approach.

Indoor Pool Recommendations Sequencing

- All pools proposed for replacement are at end of functional life cycle, and all have public pressure.





Outdoor Pools

- 2001 Strategy has been followed:
 - Maintain existing outdoor destination pools over long term.
 - Close small stand alone outdoor pools as they wear out.
 - Introduce outdoor components at indoor pools (Hillcrest).
- The 2017 Strategy builds on this approach.



Recommendations intend to balance recreation and fitness interests in swimming across the city through a range of outdoor pool facilities and experiences.

Outdoor Pool Analysis

Determine “What’s not working...”

- change rooms at all outdoor pools are inadequate
- concession stands/food services for all outdoor pools could be improved
- inadequate shade

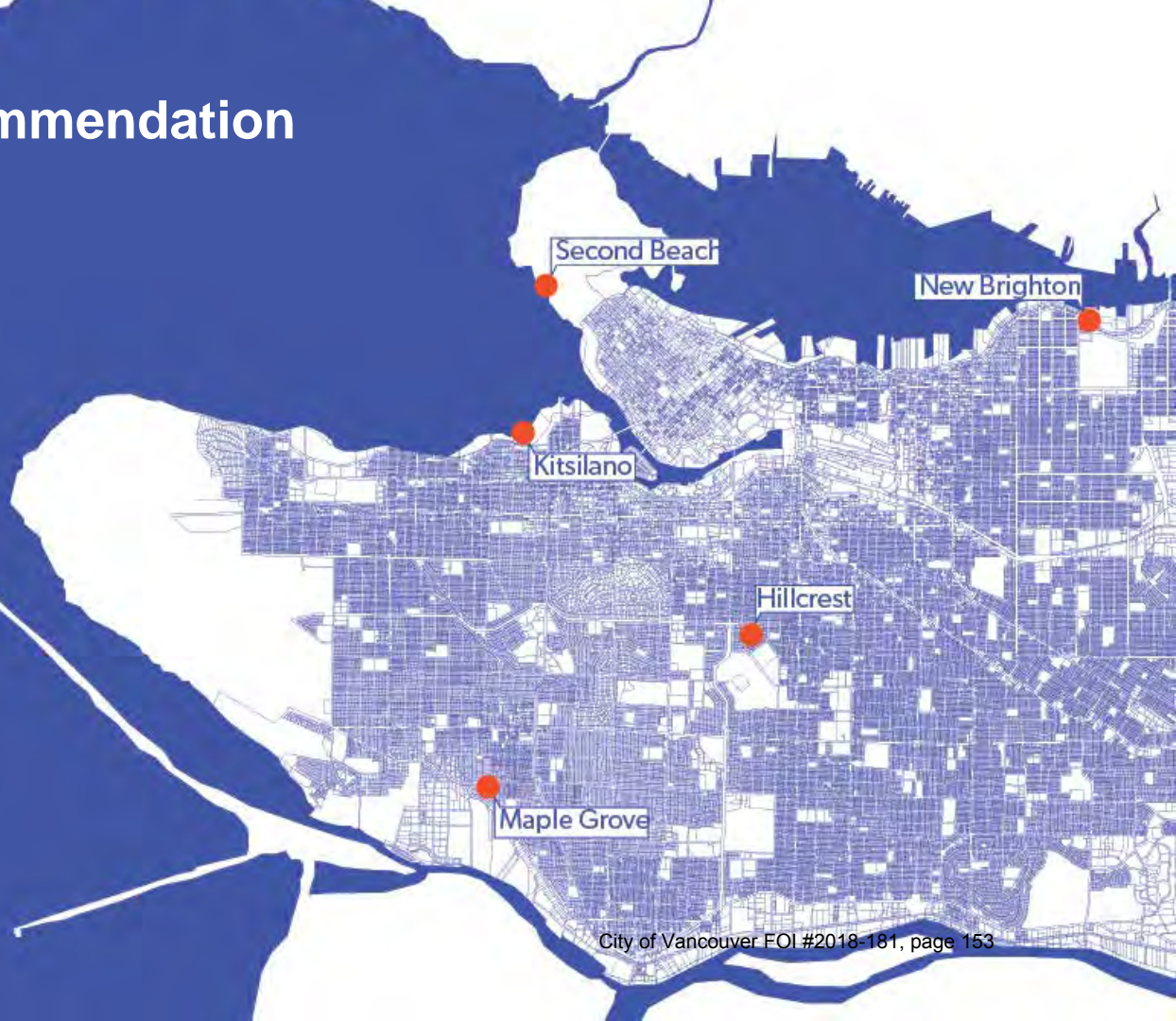


Outdoor Pools Recommendation

Continue to invest in existing pools to keep them as gems within Vancouver.

Review + Upgrade change rooms and concession stands/food services for all outdoor pools.

Consider upgrades to provide shade, and potentially chair and umbrella rentals.



Outdoor Pools Analysis

 VPB facilities

 Other facilities

4km radius shown

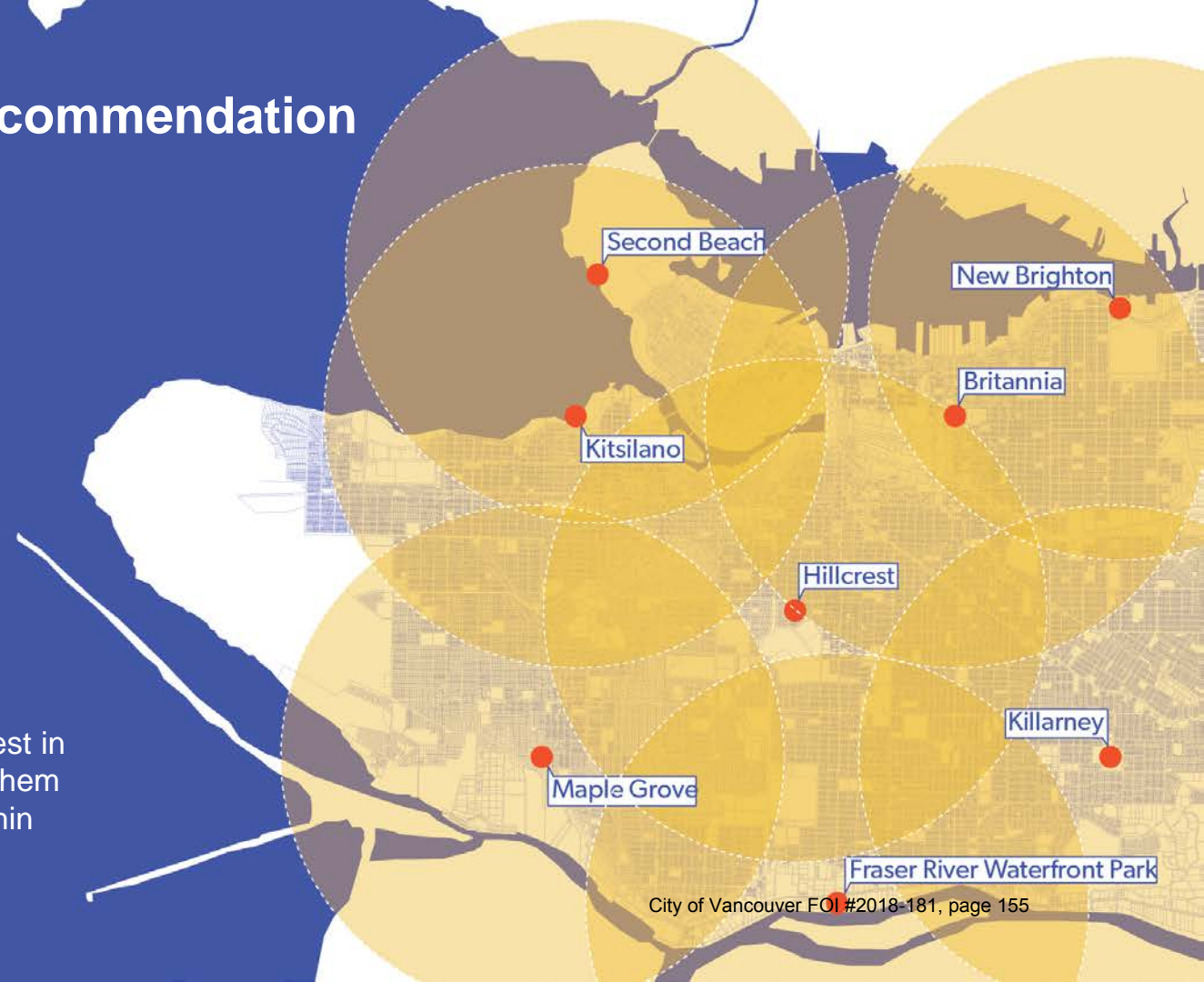
Burnaby's Central Park provides outdoor fitness swimming.

Gap for outdoor leisure swimming in south-east Vancouver.



Outdoor Pools Recommendation

Provide a range of outdoor experience and continue to invest in existing outdoor pools to keep them as unique destination pools within Vancouver.



Outdoor Pools Recommendation

Provide a new outdoor pool at the existing Killarney Community indoor pool location.

Provide a new outdoor component at the new Britannia Community indoor pool location.

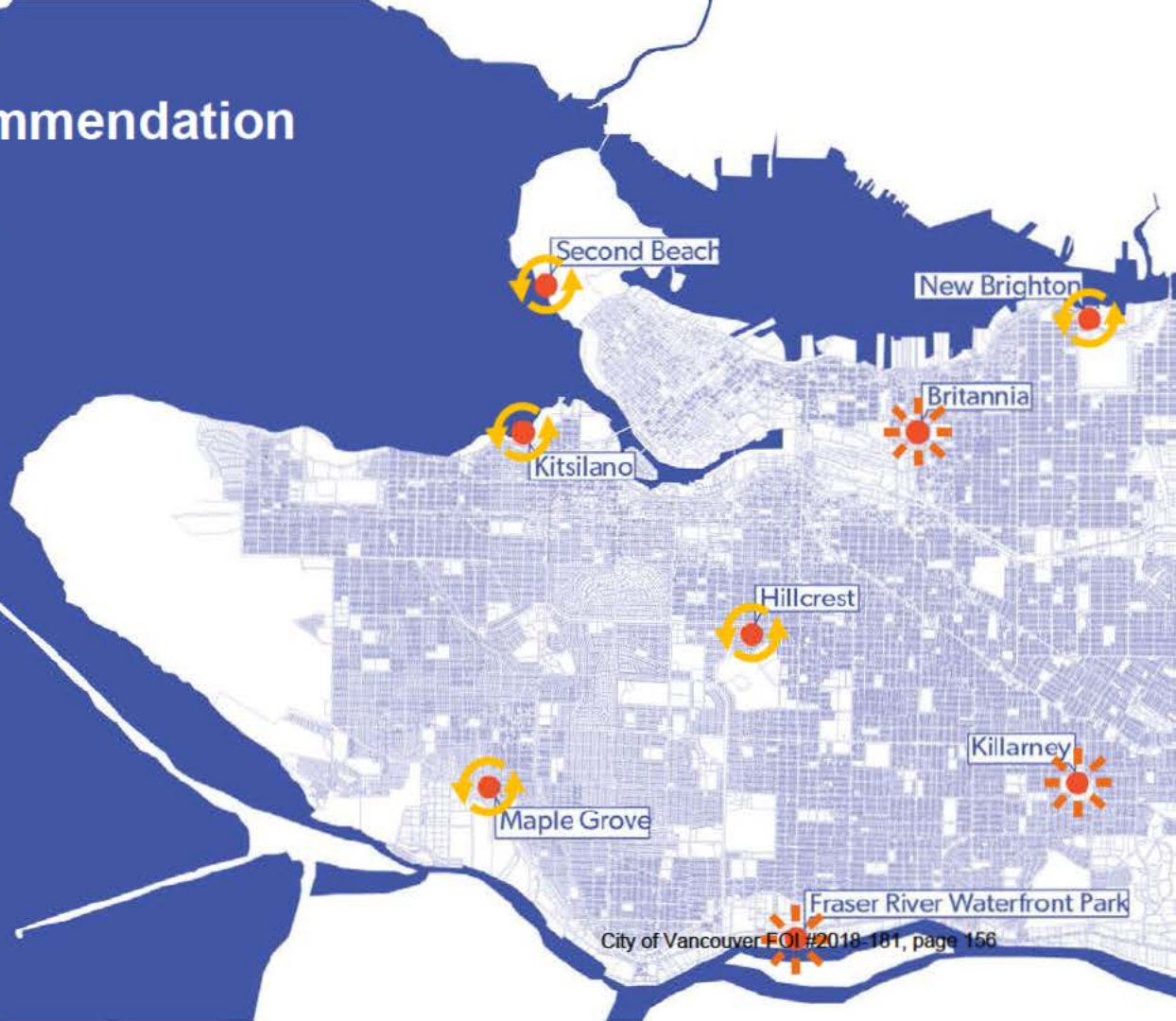
Provide a new ***Destination natural outdoor*** pool along the Fraser River.



New



Upgrade existing facility



1. Design and Construct

Killarney Outdoor Component (quick start)

2. Undertake Improvement Study on Existing Outdoor Pools - ID and undertake quick wins, develop a phased approach, considering sea level rise.



Implement
Upgrades

3. Design and Construct Britannia Outdoor Component/Urban splash park and hot tub

4. Design and Construct Natural Outdoor Pool in New Fraser River Park (long term)

- Co-locate outdoor components at indoor pools, rather than stand-alone neighbourhood outdoor pools.
 - Higher number of swim opportunities and swim participants
 - Lower cost per swim
 - Extended outdoor season
 - Shared staff-guarding, maintenance customer service
 - Shared operations systems-admissions, marketing, program development
 - Shared infrastructure-facility, change rooms
 - Shared mechanical systems
 - Access to services, amenities and features

Spray Parks, Wading Pools and Beaches

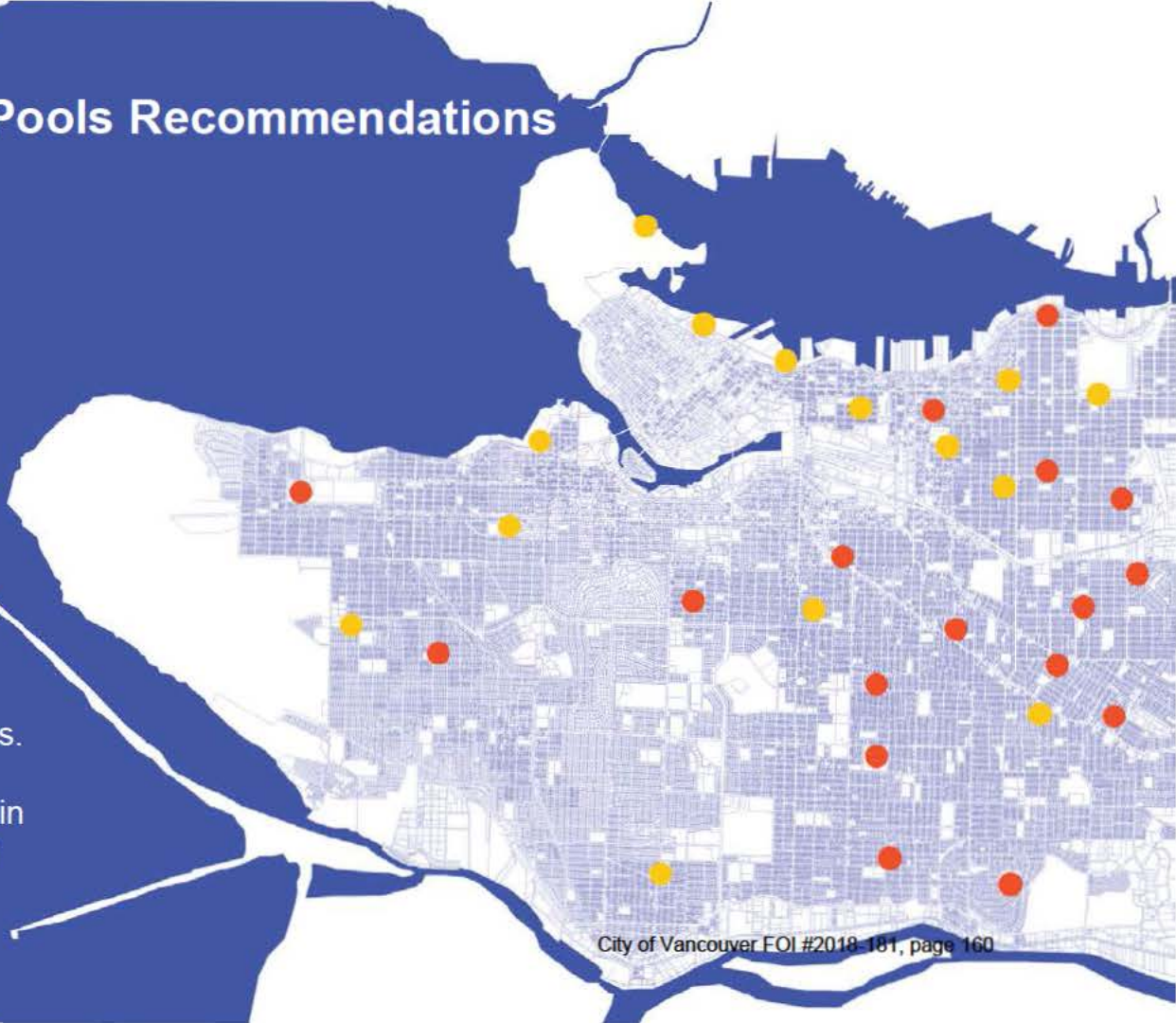


Spray Parks + Wading Pools Recommendations

- Spray Park
- Wading Pool

Continue to phase-out all wading pools in the City, converting to spray parks or closing them, pending location criteria to be identified through the Parks and Recreation Service Master Plan as well as consultation with communities.

Where possible, design spray parks in a way that water can be recycled for park use, ie: adjacent irrigation or water features.





Chicago, Illinois



Portland, Oregon



Portland, Oregon



Sydney, Australia



NYC, New York



City of Vancouver FOI #2018-181, page 161
Normal, Illinois

- Spray parks are more operationally efficient than wading pools as they do not require staffing.

Beaches Recommendations

More than 3.1 million visits!

A map of Vancouver, British Columbia, showing the city's coastline and surrounding areas. The map is primarily blue, representing water, with a grid of white lines indicating city streets. Several arrows originate from the text 'More than 3.1 million visits!' and point to specific locations along the coast, likely indicating beach areas. The arrows are white and black, contrasting with the blue background.

Improve water quality at Trout Lake to allow recreational swimming.
(per Draft John Hendry Park Master Plan)

Enhance beach use data collection.

Provide additional opportunities for shade, and improved concession stands.

- Maximizing beaches as cost effective approaches to aquatics service delivery.

Non Traditional Aquatics



Non-Traditional Aquatics



Floating Sauna
/ Beach Sauna



Wellness
Amenities



Natural
Filtration



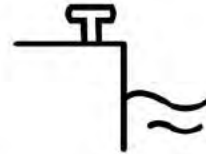
Urban
Splashpark



Ocean Play

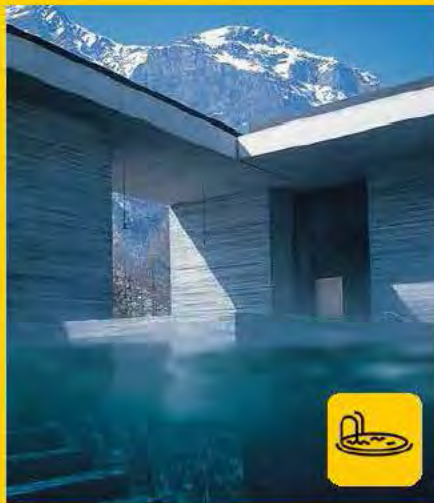


Urban Beach



Harbour Deck

More diversity of experiences, opportunities for greater equity across the city.



- Some are quick start, cost effective.
- Permanent facilities to be co-located with other aquatic amenities for operational efficiencies.



Indoor Pool Order of Magnitude Costing



City-Wide Destination Facility

~\$25 - 45 million

City-Wide Training Facility

~\$45 million

Community Facility (District Serving)

~\$18 million

Pool	Constructed	Renovated	Recommendation
Vancouver Aquatic Centre (English Bay)	1974		Replace
Templeton	1974		Consolidate/decom
Kensington	1979		No future investment
Lord Byng	1979		Consolidate/decom
Kerrisdale	1955	1996	Replace
Britannia	1975	1998	Replace
Renfrew	1963	1970, 2005	-
Killarney	2006		-
Hillcrest	2011		-

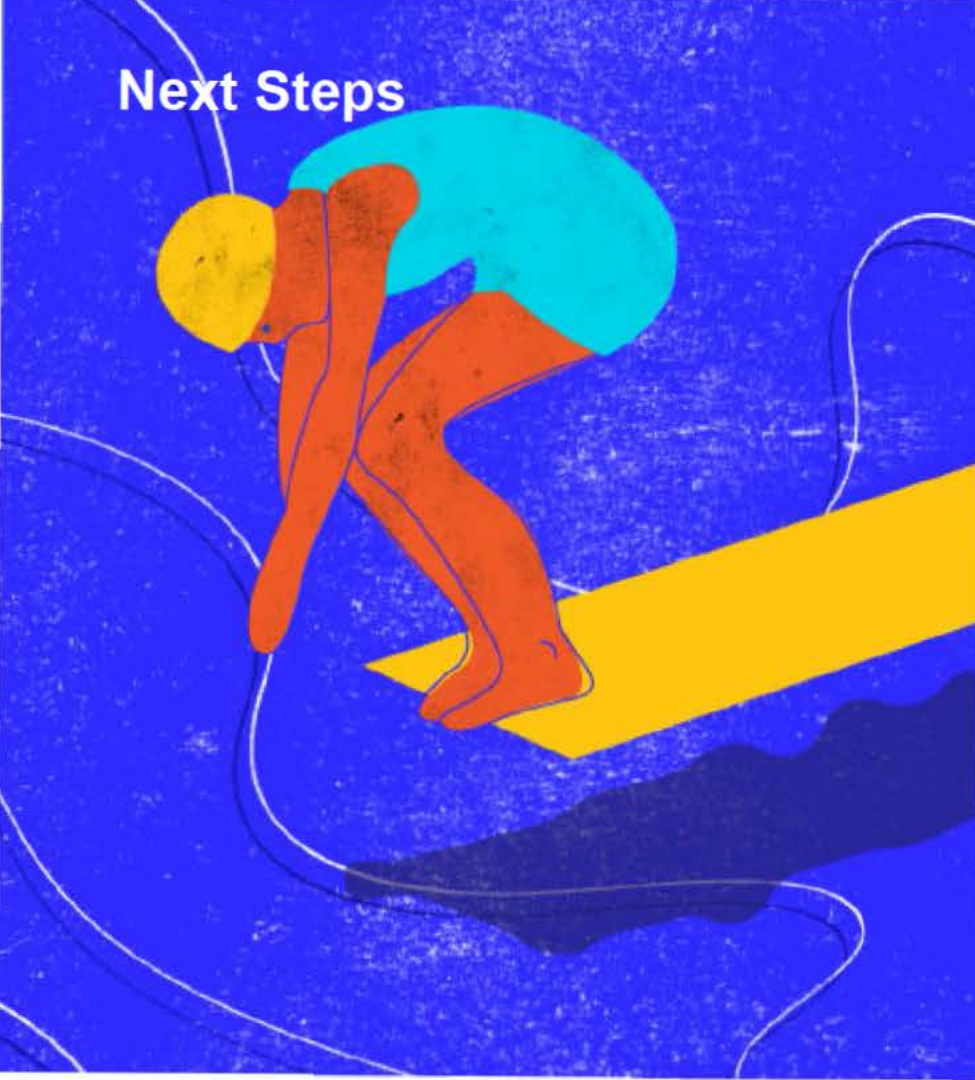
Summary of Recommendation

Indoor + Outdoor Service Radii

Broad accessibility to a variety of aquatic experiences.



Next Steps



- Draft Implementation Plan – Phasing & Costing, Connaught Park Test Fit – *May*
- Presentation to CPOC - *May 26th*
- Public Engagement - *June - July*
- Board Presentation on Engagement Summary and Draft Recommendations - *September - October*
- Board Presentation for Approval - *December*

Recommendation

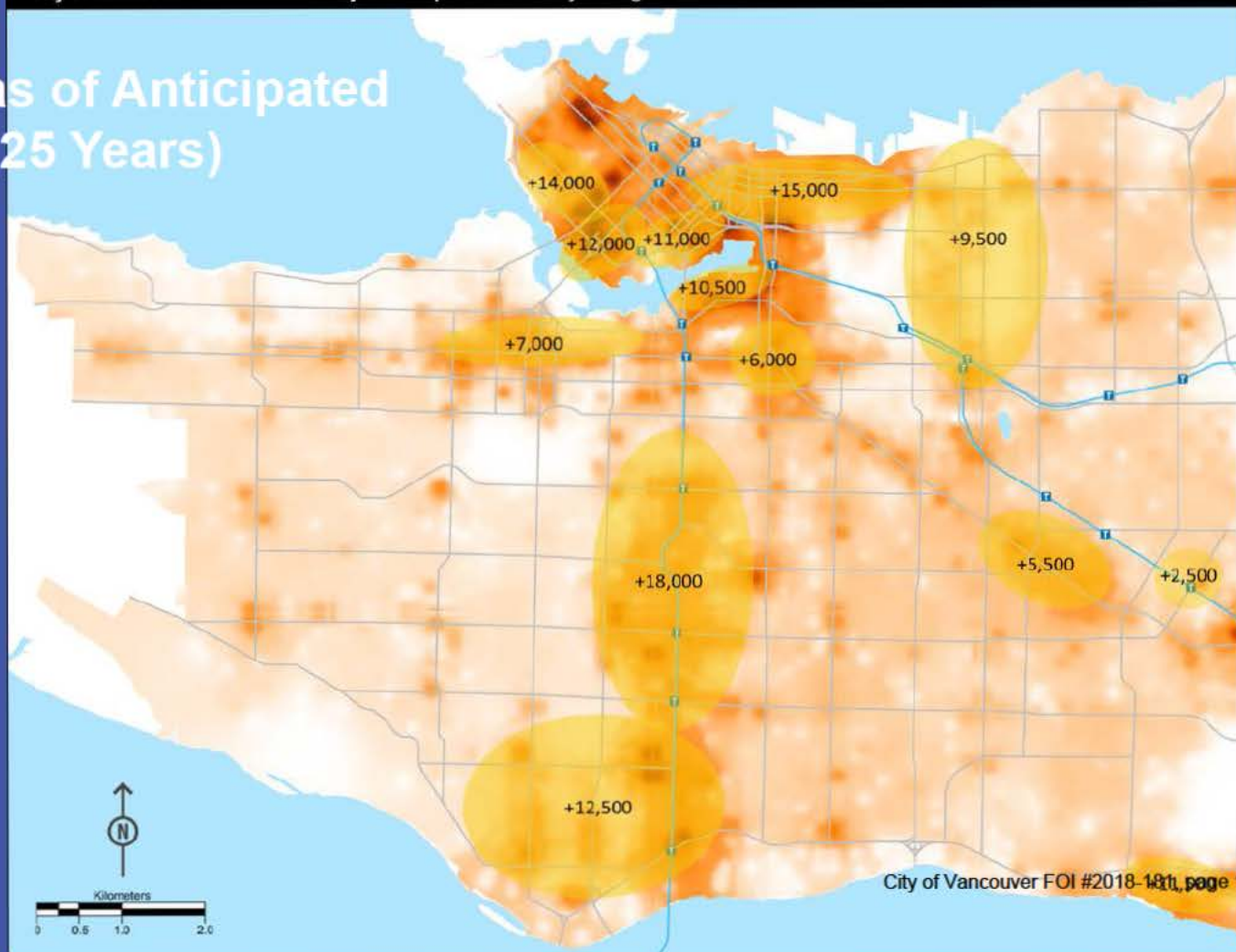
Target is 5 swims/capita

Currently operating at 4.3 swims/capita

Proposed capacity of recommendation is 4.89 – 5.38 swims/capita

Ideal is closer to 6 swims/capita

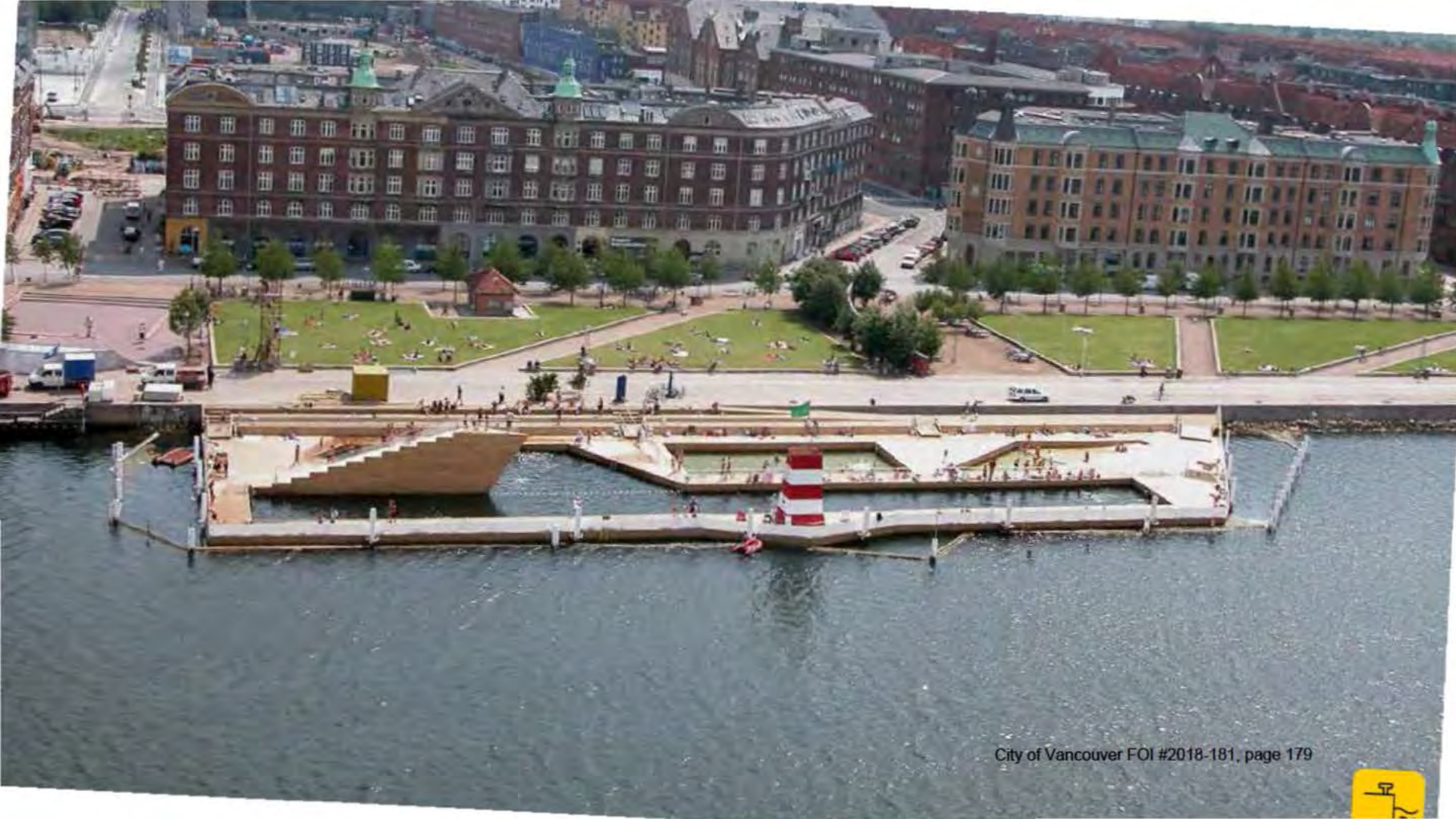
Key Areas of Anticipated Growth (25 Years)



Fraser River Waterfront Park

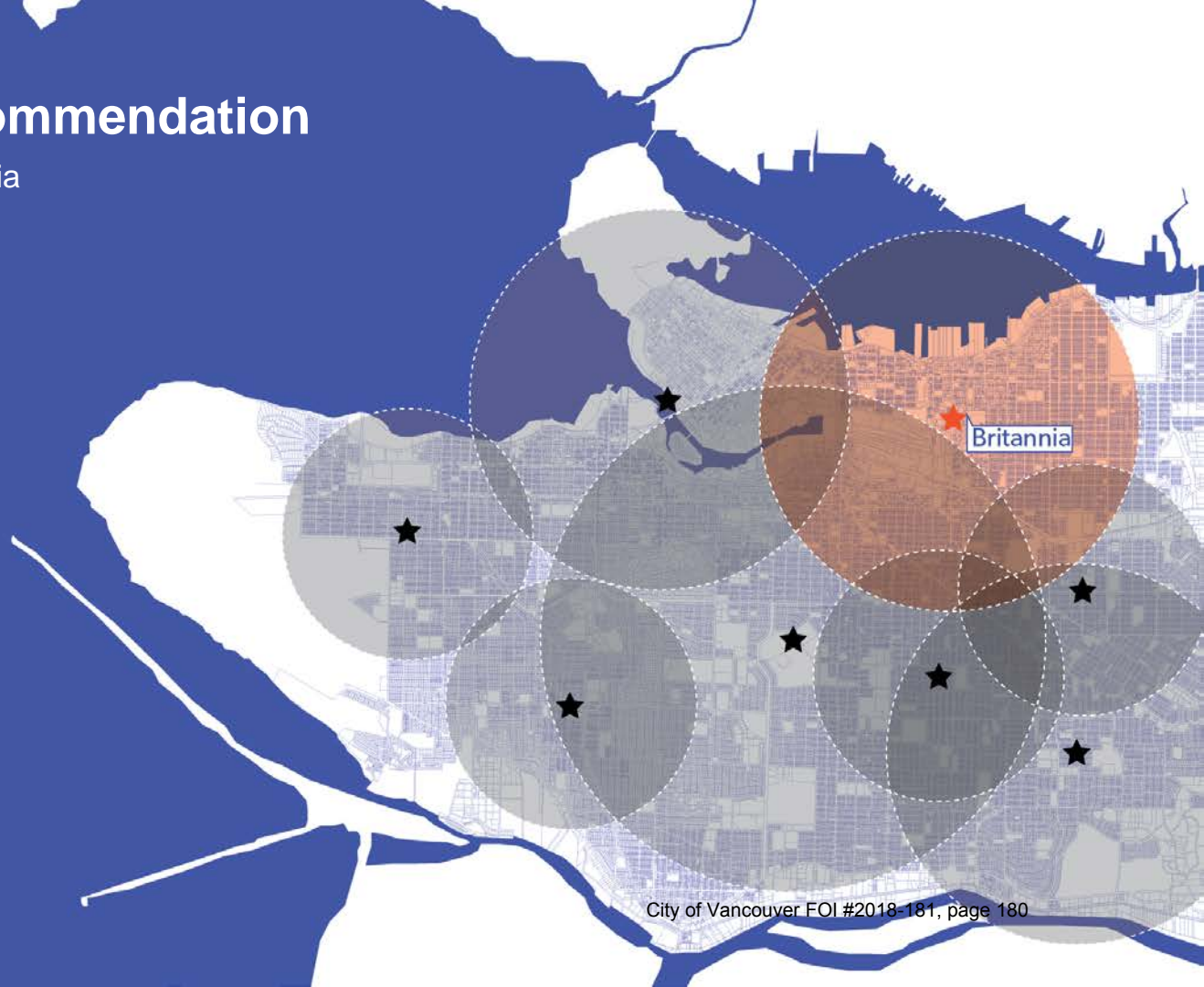






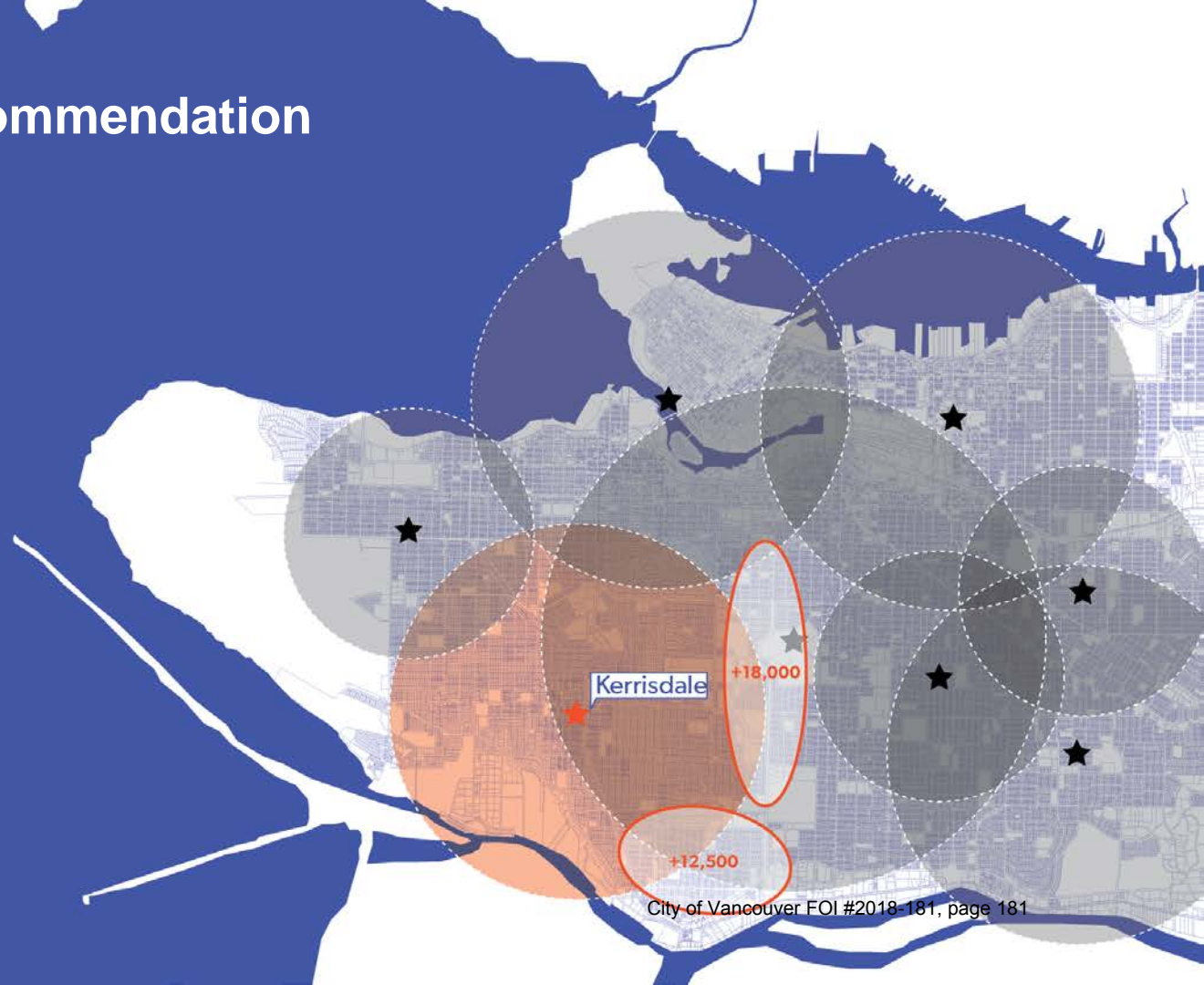
Indoor Pools Recommendation

Replace Templeton and Britannia
with one **Community** pool



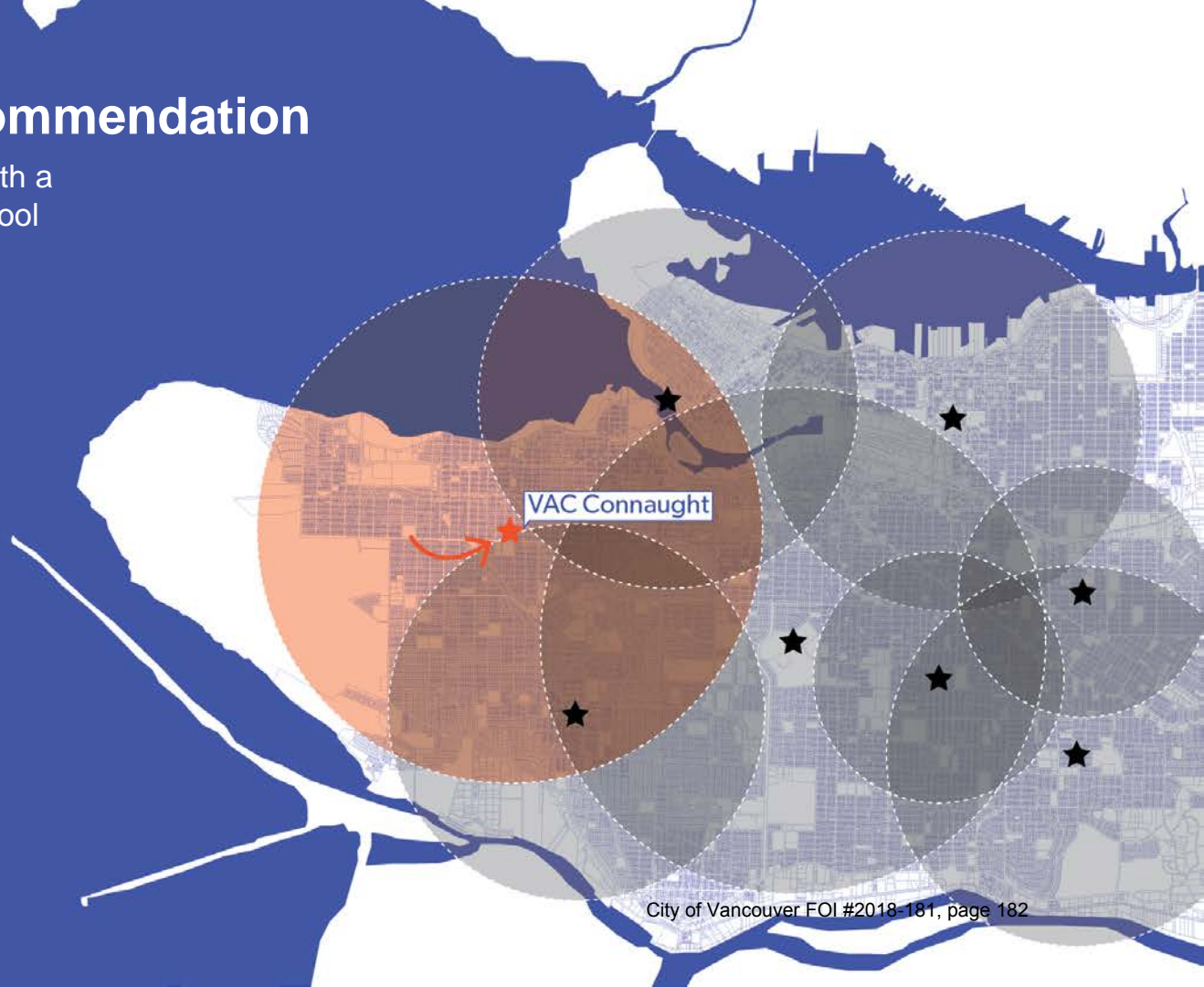
Indoor Pools Recommendation

Replace Kerrisdale with a
Community pool.

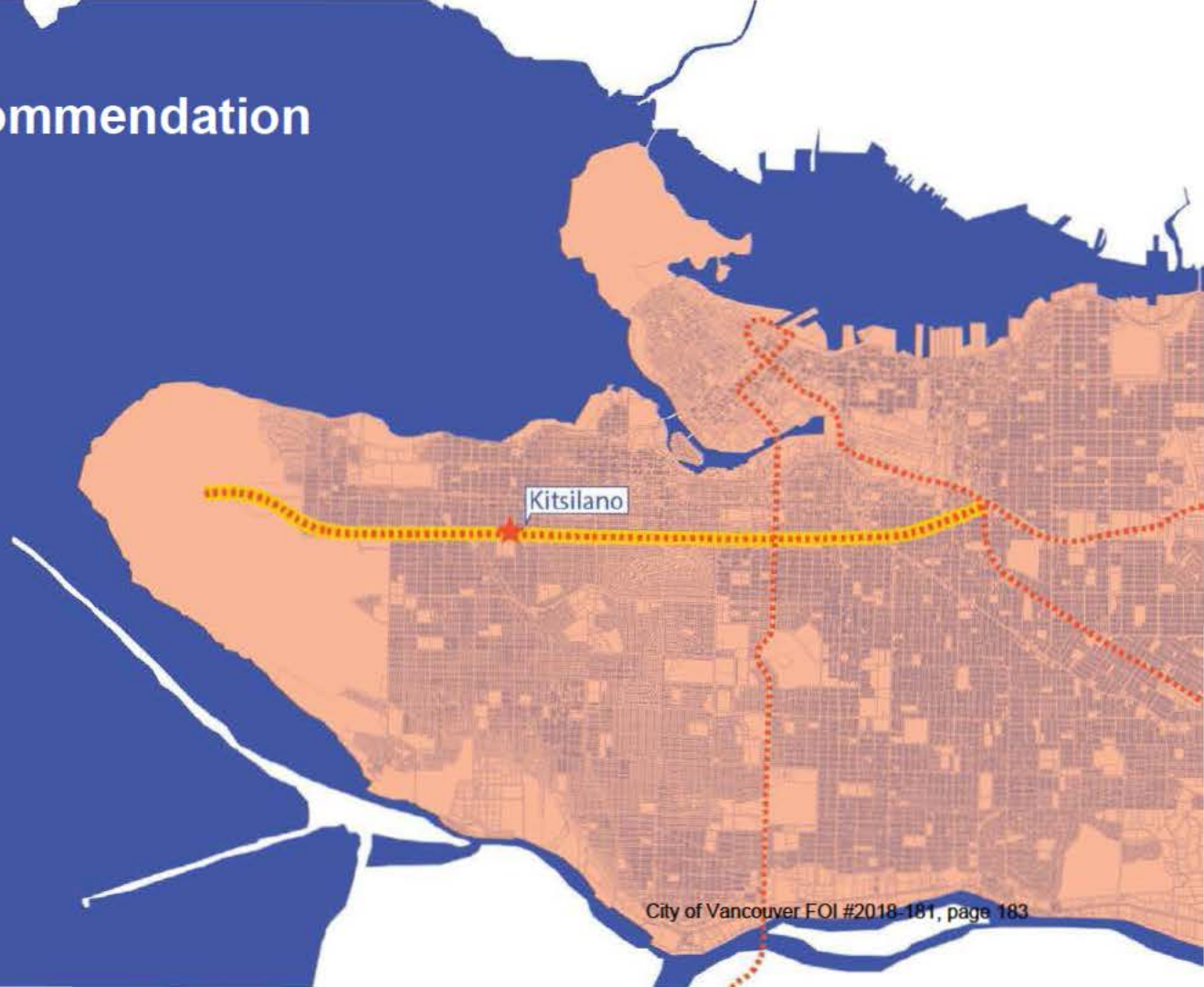


Indoor Pools Recommendation

Demolish Lord Byng, replace with a new ***City-Wide (Destination)*** pool with a sport training focus



Indoor Pools Recommendation

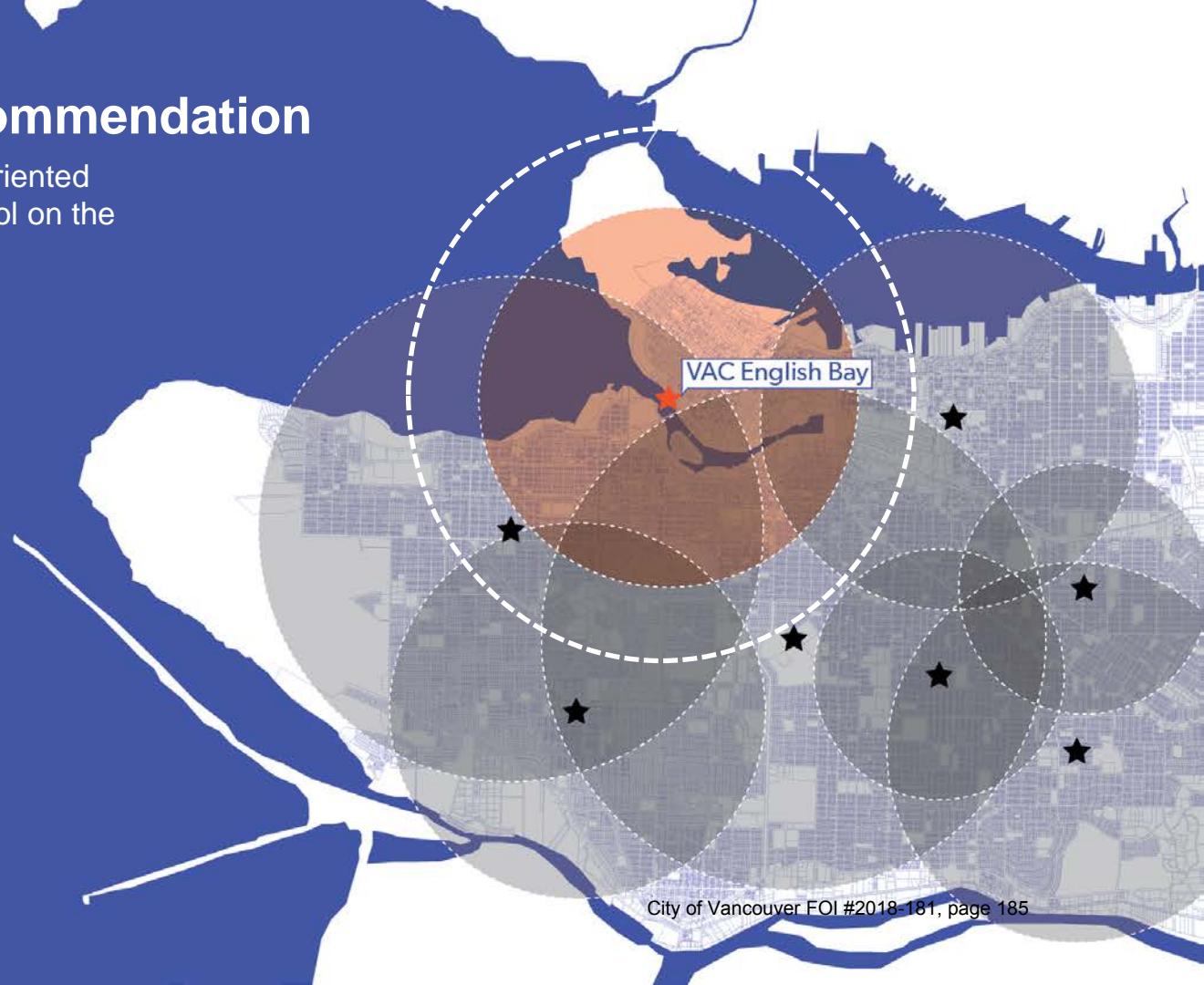


Connaught Park



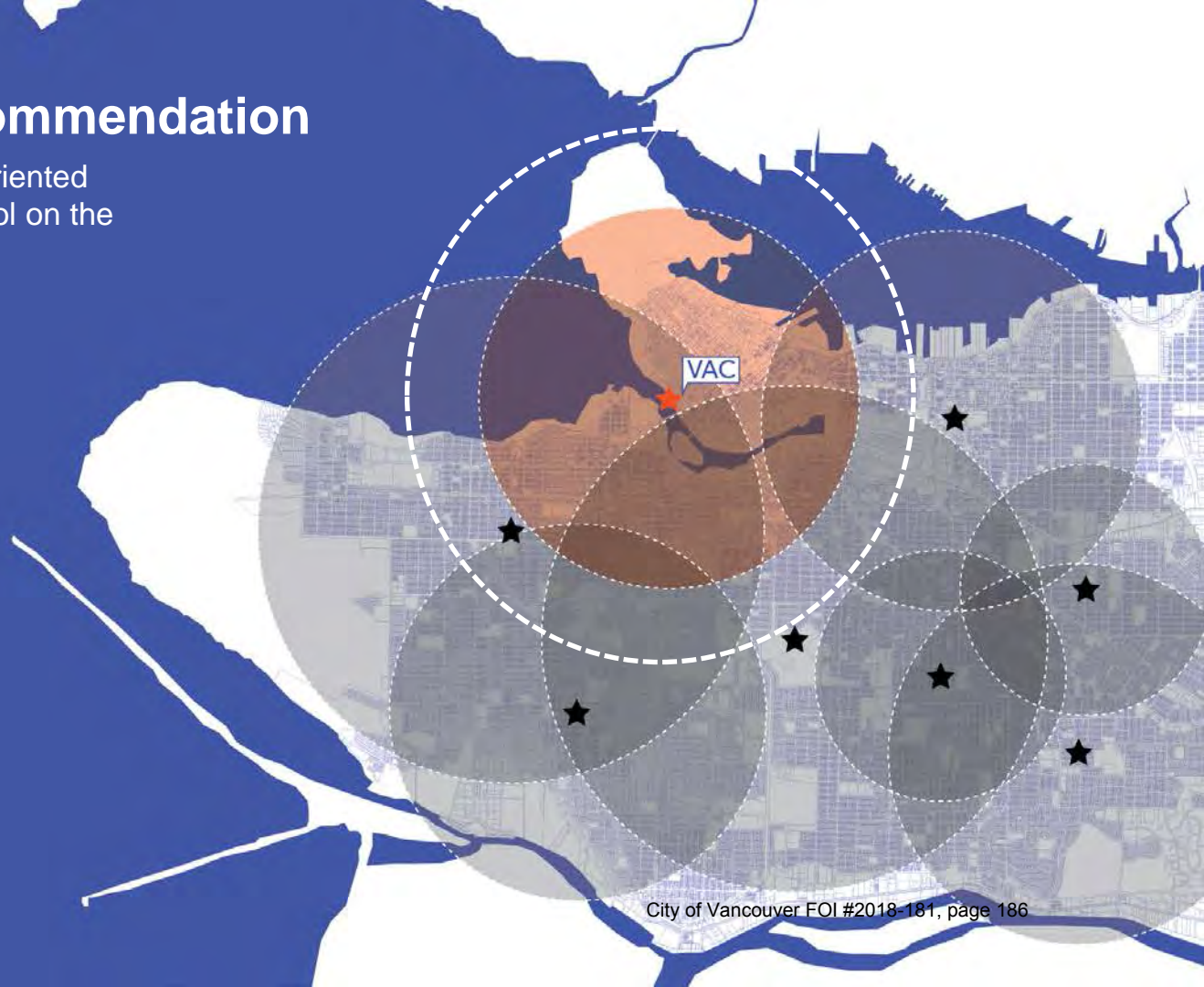
Indoor Pools Recommendation

Replace VAC with a wellness-oriented **Community** or **Destination** pool on the same site



Indoor Pools Recommendation

Replace VAC with a wellness-oriented **Community** or **Destination** pool on the same site



Indoor Pools Recommendation

Partner with the YMCA on a pool in South Vancouver.

-  Other facilities
-  Recommended VPB facilities

