

## Information Requirements supporting the Application for Construction Permit

Pursuant to the Pool Regulation, the person applying for the construction permit shall ensure the attached Pool Information Sheets are duly completed by the project design professionals. Design professionals are design architects who are registered or licensed under the Architects Act and/or the design engineers who are registered or licensed as a professional engineer under the Engineers and Geoscientists Act. The Pool Information Sheets will be considered as statements of fact to support the health officer's evaluation and decision to issue a construction permit under the Pool Regulation s.5(3).

The person applying for the construction permit shall ensure that all related plans and specifications for the construction as prepared, sealed and certified by an architect or engineer are submitted with this application package. A person must not construct the pool other than in accordance with the plans and specifications submitted with this application, unless prior written approval is obtained from a health officer.

The Pool Owner, or their authorized agent, must sign the declaration in this Application for Construction Permit, confirming the pool will be constructed in accordance with the plans and specifications accompanying this Application for Construction Permit.

*Additional note – Operating Permit Requirements. Once constructed, an operating permit will be required prior to operating the pool. As part of the information package supporting the application for an operating permit, a signed statement from an engineer or architect must be submitted confirming that the pool has been constructed so as to substantially comply, in all material respects, with the plans and specifications submitted in support of this Application for Construction Permit.*

**For submissions to Vancouver Coastal Health, a completed Pool Design Data Sheet for each pool will also be required to accompany this application package.**

**Application To:**

<input type="checkbox"/>  <b>fraser health</b> <small>Fraser Health Best in Health Care</small>	<input type="checkbox"/>  <b>Interior Health</b>	<input type="checkbox"/>  <b>Vancouver Coastal Health</b> <small>Preventing disease. Promoting care.</small>	<input type="checkbox"/>  <b>VANCOUVER ISLAND health authority</b>	<input type="checkbox"/>  <b>northern health</b>
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Name of Pool	Date (dd/mm/yyyy)
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Street Address

**Contact Information: Owner or Agent**

Name

Address

Phone Number	Email
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**Contact Information: Person Applying for Construction Permit (if different from Owner)**

Name

Address

Phone Number	Email
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**Owner's Confirmation of Commitment**

I, \_\_\_\_\_ as owner of the above noted pool, confirm that it will be constructed in accordance with the information contained herein and according to the plans and specifications submitted with this Application for Construction Permit. No changes to the pool plans and specifications will be made unless they have been authorized in writing by the design professional and with written approval from a health officer.

Furthermore, I understand that upon completion of the pool's construction, I must provide the \_\_\_\_\_ Health Authority with the following documentation before an Operating Permit for the pool can be considered:

- A signed statement from an engineer or architect that the pool has been constructed so as to substantially comply, in all material respects, with the plans and specifications submitted under this Application for Construction Permit.
- A copy of a completed Swimming Pool Data Sheet providing detail of the pool as constructed.
- A copy of the pool safety plan prepared in accordance with s.13 of the Pool Regulation.

Signature of Owner or Authorized Agent	Date (dd/mm/yyyy)
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General Information						
Name of Pool:						
Civic Address:						
<b>POOL TYPE:</b>	Public Pool <input type="checkbox"/>	Commercial Pool <input type="checkbox"/>	Hot Tub <input type="checkbox"/>	Spray Pool <input type="checkbox"/>	Wading Pool <input type="checkbox"/>	Indoor: <input type="checkbox"/> Outdoor: <input type="checkbox"/>
Owner Information						
Name (Legal Corporate):						
Address:						
Phone Number:			Email:			
Designer Information (Append additional information for multiple designers):						
Name:					PEng: <input type="checkbox"/> Arch: <input type="checkbox"/>	
Company (Legal Corporate):						
Address:						
Phone Number:			Email:			
General Pool Design Parameters (Append additional information for multiple pools):						
Pool Volume: (m <sup>3</sup> )		Turnover: (hours)		Design Re-circulation Flow Rate: (L/sec)		
<b>AREAS:</b> (m <sup>2</sup> )	Pool:	Deck:	<b>WATER DEPTH:</b> (m)	Min.	Max.	
<b>MAX BATHING LOAD:</b>	Shallow:		Deep:		Total:	
<b>POOL BASIN COLOUR:</b>	Colour:		Complies with Pool Regulation Y <input type="checkbox"/> N <input type="checkbox"/>			
<b>FILTERS:</b>	Sand <input type="checkbox"/> D.E. <input type="checkbox"/> Pressure <input type="checkbox"/> Vacuum <input type="checkbox"/> Gravity <input type="checkbox"/>			NSF Approved Y <input type="checkbox"/> N <input type="checkbox"/>		
<b>GAUGES (Qty):</b>	Pressure		Vacuum		Temperature	
<b>FLOW INDICATOR:</b>	Make & Model		<b>RANGE:</b> (L/sec)	From:	To:	
<b>DISINFECTION:</b>	Hypochlorite <input type="checkbox"/> Chlorine Gas <input type="checkbox"/> Stabilized Chlorine <input type="checkbox"/> Bromine <input type="checkbox"/> Other <input type="checkbox"/>					

Health Hazard Related Design Parameter Reference to Pool Regulation (PR) and B.C. Guidelines for Swimming Pool Design (GSPD)	Design Parameter Met	Initials
The plans include a fence or other barrier around the pool and its walkways with controlled access to prevent access by animals and persons who are not pool patrons. This provision does not apply to spray pools or wading pools that are planned to be drained before dark and left empty overnight. PR s.(7)	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a	
The pool design provides for the pool water to be maintained at a temperature of no more than 37°C. PR s.10(2)(b)	<input type="checkbox"/> Y <input type="checkbox"/> N	
Disinfection equipment is designed to be capable of maintaining disinfection levels in accordance with the Pool Regulation PR s.10(2)(f) & s.10(2)(g) & Schedule 3, s.1(2)	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool circulation system is designed so that pool water will not pass through any drain grate at a speed greater than 46 cm per second when the pool is operating at the design flow rate. PR s.10(2)(k) or waiver obtained under s.10(3)	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool design allows for water to be circulated through the skimmers or gutters at a rate of flow at least equal to 50% of the design flow rate. PR s.10(2)(j)	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool circulation system is designed so the water circulation rate (pool turnover) will substantially comply with the GSPD. GSPD – General Circulation Requirements	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool design substantially complies with the Pool Regulation and the GSPD for the prevention of entrapment or suction hazards. PR s.10(2)(k) or waiver obtained under s.10(3); GSPD – Suction Entrapment Hazards	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool design allows for sufficient lighting so that all areas are visible to pool patrons, lifeguards, and operators. PR s.11(2)(a) ; GSPD - Lighting	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a	
All pool aprons, walkways and floors have a surface that is slip-resistant when wet, and slopes away from the pool such that, when the aprons, walkways and floors are wet, water does not accumulate or flow back into the pool PR s.11(2)(c)  The friction coefficient of tiled surfaces specified for installation in and around the pool is _____ (static/dynamic), and will meet best practice guidelines referenced in the GSPD with respect to being non-slip when wet. GSPD – Surfaces and other Deck Considerations	<input type="checkbox"/> Y <input type="checkbox"/> N	
The design requires that the nose of any step or ledge in the pool is marked in a contrasting colour to the remainder of the step or ledge PR s.11(2)d	<input type="checkbox"/> Y <input type="checkbox"/> N	
The design provides for secure handrails at steps, ladders and diving boards. PR s.11(2)(e)	<input type="checkbox"/> Y <input type="checkbox"/> N	
The design includes pool depth markings in accordance with the requirement of the Pool Regulation PR s.11(2)(f)	<input type="checkbox"/> Y <input type="checkbox"/> N	

Health Hazard Related Design Parameter Reference to Pool Regulation (PR) and B.C. Guidelines for Swimming Pool Design (GSPD)	Design Parameter Met	Initials
The design includes controls that will allow for regulating hot water temperature in pool facilities to no more than 49°C. PR s.11(2)(g)	<input type="checkbox"/> Y <input type="checkbox"/> N	
The pool design provides for, where applicable, hot tub water to be maintained at a temperature of no more than 40°C. PR s.16(b)	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> n/a	
The filters are designed to provide proper filtration of the water at maximum flow rates as per the GSPD. GSPD - Filtration	<input type="checkbox"/> Y <input type="checkbox"/> N	
The design incorporates a pool basin surface, that when filled with water, will be light in colour and have a light reflectance value of at least 60%, measured according to ASTM C609-07 standard to substantially comply with the Pool Regulation and the GSPD. PR s.3(a); GSPD – Pool Basin	<input type="checkbox"/> Y <input type="checkbox"/> N	
All diving boards and poolside play equipment are designed and located in accordance with applicable standards referenced in the GSPD. GSPD – Play Equipment	<input type="checkbox"/> Y <input type="checkbox"/> N	
Backflow preventers are provided in all areas necessary to prevent cross contamination between the potable water supply, pool water and wastewater lines. GSPD – Cross Connection Control (AWWA Canadian Cross Connection Control Manual)	<input type="checkbox"/> Y <input type="checkbox"/> N	

### Design Professionals

The design professional responsible for each component noted in the Health Hazard Related Design Parameter Checklist above shall initial applicable row(s) as a confirmation to a statement of fact and fill in the information in the table below.

Design Professional Name	Engineer or Architect	Company	Initial



**POOL DESIGN DATA SHEET**  
(supplementary information for the Application for Pool Construction Permit)

(Metric units may be used; all units of measurement must be shown clearly)

<b>NAME OF POOL:</b>		<b>Address of Pool (Civic):</b>			
<b>Lap Pool/ Hot Tub/ Wading Pool/ Others:</b>					
<b>Indoor:</b>	<b>Outdoor:</b>	<b>City or Town:</b>			
Pool Volume (USGPM) :		Pool Basin Colour:			
Turnover (hours) :		Design recirculation flow rate (USGPM / min.)			
<b>PUMPS:</b>					
Re-circulating Pump - Make & Model:		Flow	USGPM at	ft. TDH	
Hydro-Air Pump – Make & Model:		Flow	USGPM at	ft. TDH	
Other Pumps – Make & Model: (Spray Feature, Waterslide etc...)		Flow	USGPM at	ft. TDH	
		Flow	USGPM at	ft. TDH	
<b>FILTERS:</b>	Sand	D.E.	Pressure	Vacuum	Gravity NSF Approved: Yes / No
<b>Filter Make and Model:</b>		Number of filters:		Number of elements:	
Surface area (ea. Filter): sq. ft.		Total area (all filters): sq. ft.			
Rate of Filtration (USPM / ft. <sup>2</sup> ): (≤15 USGPM / sq. ft.)		Rate of Backwash (USPM / ft. <sup>2</sup> ):			
Total Filter Capacity (Rate of filtration x total area) USGPM					

<b>GAUGES:</b>	Pressure	Vacuum	Numbers of Thermometers	Nos.
Recirculation Flow Indicator:	Make & Model:		Range	to (USGPM) :
Jet Flow Indicator:	Make & Model:		Range	to (USGPM) :
<b>DISINFECTION:</b>	Hypochlorite	Chlorine Gas	Other:	
Make and Model:			Capacity	(lbs. / 24 hr.)
Point of Injection:	Filter Influent / Filter Effluent			
Maximum dosing rate (ppm):				
<b>FEEDERS:</b>	Chemical	Slurry	Chemicals used:	
Make and Model:		Make & Model:		
Capacity:		Capacity:		
Injection point:		Injection point:		
<b>POOL INLETS:</b>	Type:	Size:	Total No.	at ft. spacing
Depth below water level (in.) (must be deeper than 24" or nearest pool floor if water depth is ≤ 24"; floor inlets must be used if pool sidewalls are more than 44' apart)				
<b>MAIN DRAIN:</b> (minimum 2 drains per pools)				
Make and Model:		No.		
Make and Model:		No.		
Flow from Re-circulating Pump (USGPM)		Flow from Hydro-Air Pump (USGPM)		
Size of free opening sq. in. (total of all drains)		Velocity through grate opening (include all flows) ft / sec		



Expand and List all drains if more than one pump draws from more than two drains in spaces that follow, use additional page if req.				
<b>OTHER DRAINS:</b>		Make and Model:		No.
Size of free opening sq. in.		Velocity through grate opening ft. / sec.		
Size of free opening sq. in.		Velocity through grate opening ft. / sec.		
<b>OVERFLOW:</b> Gutter		Rollout	Deck level	Other
Number of drains spacing		at	ft.	Size (in.)
Skimmers – Make and Model:			NSF Approved: Yes / No	
No. of skimmers:		at		sq. ft. / skimmer
Max. overflow capacity: (USGPM)		Normal flow through overflows: (USGPM)		
<b>MAKE-UP WATER SOURCE:</b> Public		Private		Size of make-up line in.
Control: Manual / Automatic		Air Gapped Yes / No		
Backflow preventer: Yes / No		Make and Model:		
Filter backwash must be separated from the sewer or drainage system by an air gap with a distance of twice the diameter of the largest discharge pipe.				
<b>WATER PIPING:</b>		Copper	Galv.	Plastic
Max. velocity:		Return piping (from pool) ft. / sec.		Supply piping (to pool) ft. / sec.
Expand to include pipes on any additional circulation systems below, use additional page if req.:				
<b>WATER PIPING:</b>		Copper	Galv.	Plastic
Max. velocity:		Return piping (from pool) ft. / sec.		Supply piping (to pool) ft. / sec.

**The foregoing data is a true statement of facts pertaining to this pool as it is designed.**

**Signature and Seal (Design Engineer or Architect):**

**Date:**