

Delta Zoning Bylaw No. 7600, 2017
Section 6.2.12 - Swimming Pools

- (a) Outdoor swimming pools shall conform to the *setback* provisions for *accessory structures* in this Bylaw.
- (b) Despite Subsection (a) and Section 6.2.13(b), in a residential *zone* an outdoor swimming pool may be located within the minimum front *setback* area provided it is located not less than 1 m from any *building* or *structure*.

Delta Building/Plumbing Bylaw No. 6060, 2002
Section 19 - Swimming Pools

1. A building permit is required for a swimming pool, hot tub, spa, fish pond, wading or lap pool, prior to its installation or construction, where the pool depth exceeds 450 mm. Every application for a building permit for a pool shall be accompanied by a plan showing the following information:
 - Location, depth and dimensions of the proposed pool
 - All water supply piping, waste piping and appurtenances,
 - Structural details
 - Location of all buildings on the site.
2. Every swimming pool, hot tub, spa, fish pond, wading or lap pool, having a pool depth of greater than 450 mm at any point, shall be surrounded by a fence, building or other structure, no less than 1.5 metres (5 feet) in height above grade. The fence shall be constructed either on the property line or surrounding the pool, spa or pond in such a manner as to render the pool, spa or pond secure from unauthorized entry. Where chain link fence material is to be used the openings in the mesh shall not be greater than 45 mm measured horizontally and the wire shall not be less than 11 gauge. The fence shall have no openings greater than 100 mm between grade and the top of the fence and shall be built so that no attachment between 100 mm and 900 mm will facilitate climbing. All access to a pool, spa or pond shall be operated by a self-closing mechanism and latch mounted on the pool site of each access through the fence, building or other structure, a minimum of 1 metre above grade.
3. A spa or hot tub may be covered with a locking cover which would prevent unauthorized access to the water in-lieu of a fence.
4. It is the responsibility of each owner or occupier of property on or in which a pool is located, to maintain every fence required under Section 19.2 in good order. All sagging gates, loose parts, torn mesh, missing materials, worn latches, locks or broken or binding members shall be promptly replaced or repaired.

<p>Building Permit Requirements for Swimming Pools:</p> <ul style="list-style-type: none"> ○ BP Application, Schedules 2 and 3 ○ Engineered Structural Drawings ○ Schedule B and Liability Insurance ○ Site Plan 	<p>Building Permit Requirements for Hot Tubs.</p> <ul style="list-style-type: none"> ○ BP Application, Schedules 2 and 3 ○ Site Plan ○ Locking Device? Indicate whether on Hot Tub Lid _____ or On Fence _____
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NOTICE

PLUMBING REQUIREMENTS FOR PRIVATE SWIMMING POOLS, SPAS, HOT TUBS, WHIRLPOOLS, HYDRO-MASSAGE BATHTUBS.

1. Pools, spas or tubs having potable water supply and/or waste pipe connections require permits and inspections and must be installed in accordance with the requirements of Delta Building and Plumbing Bylaw 6060. A permit fee will apply.
2. The water in a swimming pool must be separated:
 - a) From any potable water supply by a 1" air gap, or by an approved backflow preventor to ensure that the water in the pool does not flow back into the potable water supply.
 - b) By an air gap from the sanitary sewer or sanitary drainage system into which it drains.
3. Drainage piping is only permitted to be connected to:
 - a) A sanitary sewer through a 24" (600mm) sump complete with an air gap on the inlet and a back water valve on the outlet minimum 3" (75mm).
 - b) A sanitary drainage system through a vented trap minimum 3" (75mm) complete with an air gap.



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<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%;">POOL PUMP</th> <th style="width: 15%;">SPA PUMP</th> <th style="width: 10%;">SPA GRAVITY</th> </tr> </thead> <tbody> <tr> <td>Exterior Sump with Tee on Outlet</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> </tr> <tr> <td>3" (75mm) or 4" (100mm) Vented Trap c/w Standpipe</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> </tr> <tr> <td>Minimum 2" Vented Trap c/w Standpipe</td> <td style="text-align: center;">NP</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> </tr> <tr> <td>1½" (40mm) Vented Trap c/w Standpipe or Discharge Over Laundry Tray</td> <td style="text-align: center;">NP</td> <td style="text-align: center;">NP</td> <td style="text-align: center;">P</td> </tr> <tr> <td>Interior Sump c/w Backwater Valve on Outlet</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> <td style="text-align: center;">P</td> </tr> </tbody> </table> <p style="margin-top: 10px; text-align: center;">P – Denotes Permitted NP – Denotes Not Permitted</p> <p>Notes: 1. All drains must have indirect connection at trap inlet. 2. Spa discharge piping to be maximum ¾" (20mm) pipe. 3. All drainage piping to be sized in accordance with BCBC Part 7 requirements.</p>		POOL PUMP	SPA PUMP	SPA GRAVITY	Exterior Sump with Tee on Outlet	P	P	P	3" (75mm) or 4" (100mm) Vented Trap c/w Standpipe	P	P	P	Minimum 2" Vented Trap c/w Standpipe	NP	P	P	1½" (40mm) Vented Trap c/w Standpipe or Discharge Over Laundry Tray	NP	NP	P	Interior Sump c/w Backwater Valve on Outlet	P	P	P	<p style="margin-top: 20px;">Swimming Pool or Spa/Hot Tub Installation</p> <ol style="list-style-type: none"> 1. Drainage from a swimming pool or a hot tub is to be connected to an approved concrete sump, complete with a minimum 3" branch line to the sanitary sewer. 2. Outside deck drain to be connected to storm drainage system. 3. Provide an approved backflow preventer on a hose bibb used to fill a pool or hot tub and where possible at an elevation not less than 6" above flood level rim. 4. Water test required on sanitary sump, branch line, and connection to existing sanitary sewer. 5. Backwater valve, if required, is to be installed and inspected with sanitary sump. 6. Swimming pool or hot tub may be connected to a trapped 3" sanitary standpipe or floor drain, with a minimum 1½" vent. 7. Where required, 1½" pool drain to be provided with an approved air gap above sump flood level elevation.
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Approved: VIPCC	OCT. 3/03 J.S.	LMPCC																							



ENVIRONMENTAL SERVICES POLICY

Approved July 16, 2004

Swimming Pools, Hot Tubs & Spas

Swimming pools, hot tubs and spas must be cleaned and maintained for health reasons. This involves the use of chemicals, many of which can be toxic to the environment. When the water from swimming pools, hot tubs, spas or the backwash water from the filtering system enter storm drains or perimeter drains, they enter the storm sewer system. Storm sewers are connected to the nearest body of water where contaminants can be toxic to fish and our environment.

Best Management Practices

Many of the chemicals used to treat, clean and maintain swimming pools are toxic; even the residual chlorine in swimming pools, hot tubs, and spas can kill fish. To prevent damage to the environment from your swimming pool, hot tub or spa, the following policies should be practiced:

- Wastes from backwashing filtering systems, wash water containing cleaning solutions and water drained from swimming pools, hot tubs and spas should be discharged to the sanitary sewer system.
- Backwash wastes and water from small backyard pools, hot tubs and spas can be discharged to the ground in areas where there are no storm drains, yard drains, building perimeter drains, ditches or creeks. Do not discharge water to the ground if the water will affect neighbouring properties.
- Pool chemicals should be stored in a secure area where spills will be contained and will not enter the storm sewer system. Spills of toxic and hazardous chemicals used in swimming pools, hot tubs and spas must be cleaned up immediately, to prevent them from entering the storm sewer system.
- To dispose of old chemicals, contact the BC Recycling Hotline at 604.732.9253.

Enforcement

Section 4(b) of the Delta Storm Sewers Regulation and Connection Charge Bylaw No. 5786, 2000 states, "No person shall discharge or cause to be discharged into a storm sewer anything other than unpolluted drainage water." Violators are subject to fines of up to \$2,000 per offence.

For further information contact Environmental Services at 604.946.3253.

