

Plan Submittal Form

Water Recreation Facility Construction Permit



Plan submittals must include this form, three sets of plans (drawn to scale) with engineer or architect seal and signature (architect must be licensed in Washington State), and three sets of specifications with the following information:

1. Overall sketch of the pool or feature in relation to surrounding facilities in the area.
2. One or more plan views of the pool.
3. One or more cross sections of the pool through the main drain.
4. Detailed view of equipment layout, mechanical and chemical storage rooms.
5. Pipe schematic showing pipe configuration, pipe size, valves, inlets, main drains, over flow outlets, make-up water, and backwash from the filter.
6. Dimensional drawings of pool bottom and sidewalls.
7. Deck and walking surfaces details demonstrating well drained non-slip surface.
8. Barrier protections (such as fencing), noting barrier height, construction of horizontal and vertical members and protections to ensure barrier is not compromised from surrounding outside features.
9. Specifications and cut sheets for all required components (pumps, filters, disinfectant feeders, skimmers, inlets, drains, flow meters, mechanical ventilation, lighting fixtures).
10. Other information requested by the Department of Health.
11. Details described in applicable Plan Details (see www.doh.wa.gov/WaterRecRules) and the Construction Certification Form (see pages 2 and 3).

Send this form, plans, and specifications to:

WA Department of Health
Water Recreation Program
243 Israel Road SE
Tumwater, WA 98501

Note: This form and plans are mailed to a different address than the Fee Submittal Form. Don't send fees to the Water Recreation Program address.

Owner <i>(must provide owner's contact name for approval documents*)</i>		
Address:	*Contact Name:	Phone:
	Email:	Fax:
Engineer or Architect <i>(architect must be licensed in Washington State)</i>		
Address:	Contact Name:	Phone:
	Email:	Fax:
Building Contractor		
Address:	Contact Name:	Phone:
	Email:	Fax:
Facility		
Facility Name:	Contact Name:	Phone:
Physical Address:	Email:	Fax:
Building and Local Health Department Review		
Name of Building Department Reviewing Construction Plans:		
Name of Local Health Department Reviewing Construction Plans:		

Note: Incomplete submittals will delay processing.

Construction Certification Form

Water Recreation Facility Construction Permit

A professional engineer or architect must provide this Construction Certification Form with water recreation facility plans.

Engineer or Architect <i>(architect must be licensed in Washington State)</i>		
Company Name:	Engineer or Architect Name:	
Address:		
Phone:	Email:	Fax:

I, _____, the undersigned licensed professional engineer or architect, have examined the plans/blueprints and specifications for the water recreation facility(s) to be constructed at:

Project Name: _____

Project Address: _____

Submitted to me by:

Pool Builder's Name: _____

Builder's Address: _____

Phone: _____

Fax: _____

And

Owner's Name: _____

Owner's Address: _____

Phone: _____

Fax: _____

Construction Certification Form Calculations

I certify that the submitted plans/blueprints and specifications for the above described swimming pool(s) and/or spa(s) and/or other water/play features and associated facilities meet or exceed the requirements detailed in the Washington Administrative Code 246-260 and/or 246-262 found at www.doh.wa.gov/WaterRecRules. Furthermore, I certify the accuracy of the calculations that I am providing.

Select Water Recreation Facility Type: Pool Spa Wading Pool Splash Pool

Print a copy of this page and provide the calculations for each pool, spa, wading pool, and splash pool you have.

Calculations and Design Values

Pool Volume: _____ Gallons

Turnover Rate: _____ Hours

Design Flow Rate: _____ Gallons Per Minute

Total Dynamic Head: _____ Feet of Head (at the above stated Design Flow Rate)

Maximum Velocity in Suction Lines at Designed Flow: _____ Feet Per Second

Maximum Velocity in Return Lines at Designed Flow: _____ Feet Per Second

Variable Speed Pumps are preset with design flow criteria not accessible to the operator between _____ rpm and _____ rpm.

Filter Model: _____

Pump HP: _____ Pump Model: _____

Chemical Feeder: _____ and _____

Pools/Spas with Grates

Maximum Velocity at Main Drain Grate (Minimum 24" Diag.) at Designed Flow: _____ Feet Per Second

Maximum Flow through Remaining Drain Grate with One Main Drain Blocked: _____ Feet Per Second

Pools/Spas with Covers

Maximum Design Flow Rate at Main Drain with Approved Covers: _____ Gallons Per Minute

Main Drain Cover Approved Flow Rate (Stamped on Cover): _____ Gallons Per Minute

Maximum Flow through Remaining Drain Cover with One Main Drain Blocked: _____ Gallons Per Minute and _____ Feet Per Second

Installation of suction systems including sumps and covers/grates are ASME/ANSI A112.19.8 - 2007 or successor standard approved, have a minimum of three (3') feet separation and do not exceed the approved flow rate in GPM or FPS, and meet the requirements of the Virginia Graeme Baker Law for remodeled and newly constructed pools as well as Washington State Code.

Engineer or Architect Signature: _____

Date of Certification: _____

Engineer or Architect Seal:
