

# Application for Permit

## Pool Data Sheet

General Pool Information			
Name of Pool:			
Civic Address:			
Pool Type: <input type="checkbox"/> public <input type="checkbox"/> commercial <input type="checkbox"/> hot tub <input type="checkbox"/> spray pool <input type="checkbox"/> wading pool			Location: <input type="checkbox"/> indoor <input type="checkbox"/> outdoor
Owner Information			
Name (Legal):			
Address:			
Phone Number:		Email Address:	
General Pool Design Parameters			
Water Depth Minimum (m):	Water Depth Maximum (m):	Pool Area (m <sup>2</sup> ):	Deck Area (m <sup>2</sup> ):
Pool Volume (m <sup>3</sup> ):	Pool Basin Colour:	Design Flow Rate (L/min):	Turnover Rate (hours):
Maximum Bathing Load (persons): Shallow:                                  Deep:                                  Total:			
Recirculation Pumps			
<b>RECIRCULATION PUMP</b>	Make and Model:	Flow (L/min): at                  m TDH	
<b>HOT TUB JET PUMP</b>	Make and Model:	Flow (L/min): at                  m TDH	
<b>PUMP</b> (specify):	Make and Model:	Flow (L/min): at                  m TDH	
<b>PUMP</b> (specify):	Make and Model:	Flow (L/min): at                  m TDH	
<b>PUMP</b> (specify):	Make and Model:	Flow (L/min): at                  m TDH	

**Note: A preliminary version of the pool data sheet (Appendix B) should be submitted with the Application for Construction Permit. If parameters change, the pool data sheet should be resubmitted with the updated actual operating information and recalculations if required when applying for an Operating Permit.**

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Filtration System							
Filter Type: <input type="checkbox"/> sand <input type="checkbox"/> diatomaceous earth <input type="checkbox"/> pressure <input type="checkbox"/> vacuum <input type="checkbox"/> gravity				NSF Approved: <input type="checkbox"/> yes <input type="checkbox"/> no		NSF Standard:	
Filter Make and Model:				Number of Filters:		Number of Elements:	
Surface Area of Each Filter (m <sup>2</sup> ):		Total Area of All Filters (m <sup>2</sup> ):		Surface Area of Each Element (m <sup>2</sup> ):		Total Area of All Elements (m <sup>2</sup> ):	
Rate of Filtration (L/min/m <sup>2</sup> ):				Total Filter Capacity (L/min) ( <i>Rate of filtration x total area</i> ):			
<b>FILTER BACKWASH</b>	Filter Backwash Pump Make and Model:						
	Flow (L/min): at      m TDH		Backwash Rate (L/min/m <sup>2</sup> ):		Backwash Rate per Filter (L/min):		
Gauges							
Pressure Gauges (#):			Vacuum Gauges (#):			Temperature Gauges (#):	
Flow Meter Make and Model:						Flow Meter Range (L/min): to	
Disinfection							
Primary Disinfectant: <input type="checkbox"/> hypochlorite <input type="checkbox"/> chlorine gas <input type="checkbox"/> stabilized chlorine <input type="checkbox"/> saltwater chlorination <input type="checkbox"/> bromine <input type="checkbox"/> other:							
Disinfectant Feeder Make and Model:							
Disinfectant Feeder Capacity (kg/24 hrs):			Point of Injection: <input type="checkbox"/> filter influent <input type="checkbox"/> filter effluent			Maximum Dosing Rate (mg/L):	
Chemical Feeders							
<b>FEEDER #1</b>	Make and Model:						
	Chemical/Slurry Fed:		Capacity (kg/24 hrs):		Injection Point:		
<b>FEEDER #2</b>	Make and Model:						
	Chemical/Slurry Fed:		Capacity (kg/24 hrs):		Injection Point:		

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Pool Inlets					
Inlet Type:	Inlet Size (cm):	Number of Inlets: at          m spacing	Depth Below Water Level (cm):		

  

Drains					
Total Number of Drains:					
<b>MAIN DRAIN</b>	Make and Model:				
	Number:	Size of Free Opening (cm <sup>2</sup> ):	Velocity through Grate Opening (m/sec):		
<b>JET PUMP DRAIN</b> (if separate from main drain)	Make and Model:				
	Number:	Size of Free Opening (cm <sup>2</sup> ):	Velocity through Grate Opening (m/sec):		
<b>OTHER DRAIN</b> (specify)	Make and Model:				
	Number:	Size of Free Opening (cm <sup>2</sup> ):	Velocity through Grate Opening (m/sec):		
<b>OTHER DRAIN</b> (specify)	Make and Model:				
	Number:	Size of Free Opening (cm <sup>2</sup> ):	Velocity through Grate Opening (m/sec):		
<b>OTHER DRAIN</b> (specify)	Make and Model:				
	Number:	Size of Free Opening (cm <sup>2</sup> ):	Velocity through Grate Opening (m/sec):		

  

Overflow (Skimmers/Gutters)					
Overflow Type: <input type="checkbox"/> skimmer <input type="checkbox"/> raised-edge gutter <input type="checkbox"/> roll-out gutter <input type="checkbox"/> deck-level gutter <input type="checkbox"/> other:					
<b>GUTTERS</b>	Number of Gutter Drains (m spacing):		Gutter Drain Size (cm):		
<b>SKIMMERS</b>	Make and Model:				
	Quantity:	NSF Approved: <input type="checkbox"/> yes <input type="checkbox"/> no	Total Weir Length (cm):	Maximum Overflow Capacity (L/min):	Normal Flow Through Capacity (L/min):

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### Make Up Water Source

Source: <input type="checkbox"/> public <input type="checkbox"/> private	Size of Makeup Line (cm):	Control: <input type="checkbox"/> manual <input type="checkbox"/> automatic	Air Gap: <input type="checkbox"/> yes <input type="checkbox"/> no
Backflow Preventer: <input type="checkbox"/> yes <input type="checkbox"/> no	Backflow Preventer Make and Model:		

### Piping (Add extra pages if needed)

<b>SYSTEM #1</b>	System/Liquid Carried:	Material: <input type="checkbox"/> copper <input type="checkbox"/> carbon steel <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> other:		
	Maximum Velocity (m/sec):	Return piping to pool:	Supply piping to pool:	
<b>SYSTEM #2</b>	System/Liquid Carried:	Material: <input type="checkbox"/> copper <input type="checkbox"/> carbon steel <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> other:		
	Maximum Velocity (m/sec):	Return piping to pool:	Supply piping to pool:	
<b>SYSTEM #3</b>	System/Liquid Carried:	Material: <input type="checkbox"/> copper <input type="checkbox"/> carbon steel <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> other:		
	Maximum Velocity (m/sec):	Return piping to pool:	Supply piping to pool:	

### Data Sheet Revision History

Version	Prepared By	Company	Date	Revision Details