

APPLICATION FOR CONSTRUCTION OR ALTERATION OF A RECREATIONAL WATER FACILITY

Swimming Pools and Other Water Recreational Facilities Regulation (MR 132/97)

www.manitoba.ca/healthprotection

Pursuant to sections 3 and 4 of the

Swimming Pools and Other Water Recreational Facilities Regulation, MR 132 /97

under The Public Health Act

PLEASE CHECK ONE OF THE FOLLOWING:

NEW CONSTRUCTION

ALTERATION/RENOVATION

Classification Type (*CHECK ALL THAT APPLY*):

Year Round

Seasonal

Public Swimming Pool

Public Whirlpool

Public Wading Pool

Semi-Public Swimming Pool

Semi-Public Whirlpool

Semi-Public Wading Pool

Water Spray Park (Splashpad)

Other (Specify) _____

Facility Information

FACILITY NAME: _____

STREET ADDRESS: _____ CITY: _____ POSTAL CODE: _____

TELEPHONE: (____) _____ FAX: (____) _____ EMAIL: _____

MAILING ADDRESS FOR BUSINESS:

SAME AS ABOVE ALTERNATE MAILING ADDRESS (i.e. P.O. Box): _____

CITY _____ PROVINCE: _____ POSTAL CODE: _____

CONTACT PERSON/ SITE MANAGER: _____

TELEPHONE: (____) _____ CELL: (____) _____ EMAIL: _____

Facility Owner Information

Person Operating the Swimming Pool or Other Water Recreational Facility

“Operator” is the person responsible for the operation and maintenance and includes the owner”

“Person” includes a partnership and any other organization or entity whether incorporated or not”

Company Name or Partnership _____

Condominium Corporation _____

Municipality _____ (Provide Supervisor’s Name, Office Mailing Address and Contact Information Below)

Sole Proprietorship (Owner’s Name) _____

STREET ADDRESS: _____

CITY: _____ PROVINCE: _____ POSTAL CODE: _____

TELEPHONE: (____) _____ CELL: (____) _____ EMAIL: _____

PRIMARY OPERATOR: _____

TELEPHONE: (____) _____ CELL: (____) _____ EMAIL: _____

Design Engineer(s)

ENGINEERING FIRM _____

TELEPHONE: (____) _____ CELL: (____) _____ EMAIL: _____

STREET ADDRESS: _____

CITY: _____ PROVINCE: _____ POSTAL CODE: _____

PROJECT MANAGER/ENGINEER: _____

TELEPHONE: (____) _____ CELL: (____) _____ EMAIL: _____

Plan Submission Requirements

Attached to this form are the following specifications and drawings which bear the original seal of a person who is entitled to practice professional engineering in Manitoba pursuant to *The Engineering Profession Act* relating to the design of the proposed construction/ proposed alteration:

- Detailed scaled and dimensional drawings for each individual aquatic venue shall include an aquatic venue area plan and layout plan along with dimensioned longitudinal and transverse cross sections of the aquatic venue.
- A map indicating the exact location of the facility with street address and geographic location.
- A general map and detailed scaled drawings of the Swimming Pool or Other Recreational Water Facility site plan or floor plan with detailed locations of the aquatic venues and features;
- The locations of all water supply facilities, sources of drinking water, public or private sewers, surface drainage and relative elevations of paved or other walkways and the equipment room floor shall be shown on the plans with the elevations of storm and sanitary sewer inverts and street grade.
- A detailed drawing to scale of the fence or barrier to be utilized to surround the swimming pool or other water recreational facility, if applicable;
- A detailed drawing or drawings to scale showing the longitudinal profile of the swimming pool or other water recreational facility,:
- Detailed scaled and dimensional drawings for each individual aquatic venue showing the location and type of:
 - Inlets,
 - Overflows,
 - Drains,
 - Suction outlets,
 - Overflow gutters or devices,
 - Piping,
 - Designed pool water elevation (water level),
 - Aquatic features such as ladders, stairs, diving equipment, slides and play features, and
 - Lighting

- Detailed scaled and dimensional drawings of the facility and for each individual venue, as appropriate, shall include location and type of:
 - Design of deck, curb, or walls enclosing the pool,
 - Deck drains,
 - Paved walkways and other hardscape features,
 - Non-slip flooring specifications,
 - Aquatic venue area finishes,
 - Drinking fountains or other sources of drinking water if applicable,
 - Entries and exits,
 - Hose bibs,
 - Fences/barriers/access control,
 - Emergency telephones,
 - Lifesaving stations,
 - First Aid Kits and
 - Area lighting
 - Signage and Depth Markings

- Detailed scaled and dimensional drawings for each individual aquatic venue shall contain a flow diagram showing the location, plan, elevation, and manufacturer's specifications of:
 - Filters,
 - Pumps,
 - Chemical feeders,
 - Ventilation,
 - Heaters,
 - Surge tanks, including operating levels,
 - Cross-connection/backflow preventers,
 - Valves,
 - Piping,
 - Flow meters,
 - Gauges,
 - Thermometers,
 - Test cocks/ports,
 - Sight glasses, and
 - Drainage system for the disposal of venue water and filter wastewater shall conform with the Environment Act.

- Drawings for each individual aquatic venue shall contain a schematic layout of the aquatic venue equipment room showing accessibility for installation and maintenance.

- Drawings for each individual aquatic venue shall contain a schematic layout of the aquatic chemical storage area(s).

- Drawings for each Swimming Pool or Other Recreational Water Facility shall show the location and number of all available sanitary facilities including;
 - Dressing rooms,
 - Lockers and basket storage,
 - Showers,
 - Lavatory and toilet fixtures, and
 - Diaper changing stations.



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- Technical specifications for the construction of each aquatic venue and all appurtenances shall accompany the drawings for the Swimming Pool or Other Recreational Water Facility plans. The specifications shall include:
 - Detailed information on the type, size, operating characteristics, and rating of all mechanical and electrical equipment;
 - Hydraulic computations for head loss in all piping and recirculation equipment; and
 - Pump curves that demonstrate that the selected recirculation pump(s) are adequate for the calculated required flows.
 - Water surface area of each aquatic venue and associated water features _____
 - Water volume of each aquatic venue and associated water features _____
 - Anticipated maximum bather load of each aquatic venue _____
 - Recirculation Flow Rate _____
 - Turnover Time _____
 - Filter media such as diatomaceous earth, sand, gravel or other approved material _____

- The technical specifications for each Swimming Pool or Other Recreational Water Facility and each aquatic venue shall include additional information related to the project requested by the PHI (i.e. confirmation with NSF, ANSI, ASTM, and CSA Standards)

Engineer's Certificate of Commissioning

IMPORTANT: Commissioning or testing reports verifying conformance with the approved plans and specifications shall be provided to the PHI by a Professional Engineer PRIOR to issuance of the Permit to Operate. The required reports may include, but are not limited to: aquatic facility lighting, recirculation, filtration, disinfection, air handling/ventilation, and building occupancy.

DATE OF PLAN SUBMISSION

NAME OF PROJECT ENGINEER
(Please Print Clearly)

SIGNATURE OF PROJECT ENGINEER