

# Application for all Swimming Pools

## Town of Uxbridge

DATE: \_\_\_\_\_

1. OWNER: \_\_\_\_\_ PHONE # \_\_\_\_\_

ADDRESS: \_\_\_\_\_

Mailing Address if different: \_\_\_\_\_

2. PROPOSED WORK: \_\_\_\_\_ Swimming Pool \_\_\_\_\_ Deck \_\_\_\_\_ Pool house

Brief description of proposed work including sizes: \_\_\_\_\_

Fee for Swimming Pools paid by Check or Money Order: to Town of Uxbridge

Above-Ground - **\$25.00** In-Ground - **\$50.00**

Also, an Electrical permit is needed (must be filled out by Licensed Electrician): Fee will be **\$75.00**

3. ZONING: District: \_\_\_\_\_ Acreage: \_\_\_\_\_ Proposed Use: \_\_\_\_\_

4. WATER SUPPLY: \_\_\_\_\_ Public, \_\_\_\_\_ Private 5. SEWER DISPOSAL SYSTEM: \_\_\_\_\_ Public, \_\_\_\_\_ Private

### 6. CONSTRUCTION CONTRACTOR:

Name \_\_\_\_\_ License # \_\_\_\_\_

Address \_\_\_\_\_ Phone # \_\_\_\_\_

### HOME IMPROVEMENT CONTRACTOR:

Name \_\_\_\_\_ License # \_\_\_\_\_

Address \_\_\_\_\_ Phone # \_\_\_\_\_

8. ESTIMATED COST OF CONSTRUCTION: \$ \_\_\_\_\_

### ALL SWIMMING POOLS WILL NEED THE FOLLOWING:

- Construction documents. (not limited to: swimming pools, fences, gates, alarms)
- Plot plan showing all existing structures and location of any new structures
- Worker's Compensation Insurance Affidavit and Insurance Verification.

Building Inspector may waive the above requirements under certain conditions.

Board of Health - Approval & Remarks \_\_\_\_\_

Tax Collector - Approval & Remarks \_\_\_\_\_

Conservation - Approval & Remarks \_\_\_\_\_

### VALIDATION

Map: \_\_\_\_\_ Parcel: \_\_\_\_\_

Permit number: \_\_\_\_\_ Date: \_\_\_\_\_ Fee \$ \_\_\_\_\_

Approved by Inspector of Buildings: \_\_\_\_\_  
Glenn Hand, Inspector of Buildings

# Enclosures for Private Swimming Pool, Spas and Hot Tubs

## Regulations per 780 CMR Massachusetts State Building Code 7<sup>th</sup> Edition

See complete 780 CMR 120.M Appendices for all information.  
(More than 24" of Water)

**Disclaimer:** Developed as an informal guide with current information as of January 1, 2008. It has been created for informational purposes only. Please consult 780 CMR 120.M for more details.

### The Barrier (Fence)

1. Top of the barrier shall be at least 48 inches (1219mm) above finished ground level.
2. 2 inch (51mm) space between barrier & ground (Side opposite of pool)
3. 4 inch (102mm) space between top of pool & barriers (maximum)
4. Openings in the barrier, a 4 inch (102mm) sphere cannot pass through the barrier.
5. 2.25 inch (57mm) mesh size for chain link fences (maximum) unless slats are fastened at the top or the bottom which reduce the openings to not more than 1 ¼ inches(44mm).
6. 1 ¼ inch (44mm) for diagonal members, such as a lattice fence. (maximum)
7. Barrier (Fence) **MUST** be installed before the **Final Inspection** is made by the Building Inspector.

### The Gate

1. Must be self-closing
2. Must be self-latching
3. Shall open outwards away from the pool
4. Must accommodate a lock
5. 54 inches (1372mm) minimum from bottom of gate for self-latching release mechanism OR
6. If the release mechanism of the self-latching devise is less than 54 inches (1372 mm)from the bottom of the gate, then:
  - (a) it shall be located on the pool side of the gate at least 3 inches (76mm) below the top of gate
  - (b) The gate and barrier shall not have an opening greater than 0.5 inch (12.7mm) within 18 inches (457mm) of the release mechanism.

### The House as Part of the Barrier

All doors with direct access to the pool must have an alarm that sounds when the door and its screen, if present, are opened.

1. Must sound within 7 seconds.
2. Must sound continuously for at least 30 seconds immediately after the door is opened.
3. Capable of being heard throughout the house during normal house-hold activities.
4. Automatic reset
5. Manual deactivation for 15 seconds & located at least 54 inches above the threshold.

### Ladders or Steps

1. A fixed or removable ladder or steps must be fenced as specified above for pools, including the gate. A removable ladder shall not constitute an acceptable alternative to enclosure requirements.
2. Must be 48 inches or more above the finished grade level and has provisions for securing.
3. Lock devise must be located at least 54 inches above the finished grade level.

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I, as the homeowner, have read and agree to comply with the above barrier requirements necessary for final inspection as well as occupancy of the newly installed pool.

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Date: \_\_\_\_\_

Town of Uxbridge, Building Department,  
21 South Main St, Room 203, Uxbridge, MA 01569  
Phone 508-278-8600 X 2014 Fax 508-278-0709  
Office hours: Mon. Tues. & Thurs 7:30am-5:00pm, Weds. 8:00am-7:00pm, **FRIDAYS CLOSED**



TOWN OF UXBRIDGE  
**CONSERVATION COMMISSION**

21 SOUTH MAIN STREET  
UXBRIDGE, MASSACHUSETTS 01569  
508.278.8610

Date: \_\_\_\_\_

Applicant: \_\_\_\_\_

Address: \_\_\_\_\_

## **Building Permit Request Acknowledgement**

The Conservation Commission is the regulatory commission for any work proposed within the 100-foot Buffer Zone of a wetland feature or 200-foot Riverfront Area of a perennial River, wetland feature or flood zone. Any and all work within the buffer zones or jurisdictional wetland features must be authorized by the Conservation Commission.

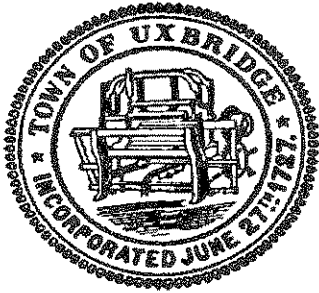
Should you have any questions regarding whether your project is in proximity to a wetland feature or buffer zone please either contact a Wetland Biologist or the Conservation Commission.

I \_\_\_\_\_ understand that it is my responsibility to obtain any and all permits necessary from the Conservation Commission for the proposed development on the property. The issuance of a building permit does not certify the absence of jurisdictional wetland resource areas on or near the above referenced property.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# Debris Disposal Affidavit



**Town of Uxbridge, Inspector of Buildings**

21 South Main Street, Room 203

Uxbridge, MA 01569

Phone # (508) 278-8600 x2014 Fax # (508) 278-0709

Office Hours: Mon. Tues. & Thur. 7:30am-5:00pm, Weds 8:00am-7:00pm

FRIDAYS CLOSED

Email: [building.inspector@uxbridge-ma.gov](mailto:building.inspector@uxbridge-ma.gov)

In accordance with the provisions of MGL c. 40, §.54 Building Permit # \_\_\_\_\_ was issued with this condition that all debris resulting from work shall be disposed of in a properly licensed solid waste disposal facility as defined by MGL c. 111, §. 150A.

**The debris will be disposed of to this location:**

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Name of Waste Facility

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Address of Waste Facility

## 780 CMR 7<sup>th</sup> edition

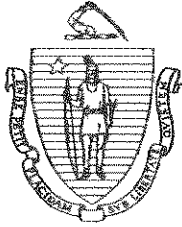
**5111.5 Debris:** As a condition of issuing a permit for the demolition, renovation, rehabilitation or other alteration of a detached one or two-family dwelling, M.G.L. c. 40, § 54 requires that the debris resulting there from shall be disposed of in a properly licensed solid waste disposal facility as defined by M.G.L. c. 111, § 150A. Signature of the permit applicant, date and number of the building permit to be issued shall be indicated on a form provided by the building department, and attached to the office copy of the building permit retained by the building department. If the debris will not be disposed of as indicated, the holder of the permit shall notify the building official, in writing, as to the location where the debris will be disposed.

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Signature of Permit Applicant

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Date of Application



The Commonwealth of Massachusetts  
 Department of Industrial Accidents  
 Office of Investigations  
 600 Washington Street  
 Boston, MA 02111  
 www.mass.gov/dia

**Workers' Compensation Insurance Affidavit: Builders/Contractors/Electricians/Plumbers**  
**Applicant Information** **Please Print Legibly**

Name (Business/Organization/Individual): \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Phone #: \_\_\_\_\_

<p><b>Are you an employer? Check the appropriate box:</b></p> <p>1. <input type="checkbox"/> I am an employer with _____ employees (full and/or part-time).*</p> <p>2. <input type="checkbox"/> I am a sole proprietor or partnership and have no employees working for me in any capacity. [No workers' comp. insurance required.]</p> <p>3. <input type="checkbox"/> I am a homeowner doing all work myself. [No workers' comp. insurance required.] †</p> <p>4. <input type="checkbox"/> I am a general contractor and I have hired the sub-contractors listed on the attached sheet. ‡ These sub-contractors have workers' comp. insurance.</p> <p>5. <input type="checkbox"/> We are a corporation and its officers have exercised their right of exemption per MGL c. 152, §1(4), and we have no employees. [No workers' comp. insurance required.]</p>	<p><b>Type of project (required):</b></p> <p>6. <input type="checkbox"/> New construction</p> <p>7. <input type="checkbox"/> Remodeling</p> <p>8. <input type="checkbox"/> Demolition</p> <p>9. <input type="checkbox"/> Building addition</p> <p>10. <input type="checkbox"/> Electrical repairs or additions</p> <p>11. <input type="checkbox"/> Plumbing repairs or additions</p> <p>12. <input type="checkbox"/> Roof repairs</p> <p>13. <input type="checkbox"/> Other _____</p>
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\*Any applicant that checks box #1 must also fill out the section below showing their workers' compensation policy information.  
 † Homeowners who submit this affidavit indicating they are doing all work and then hire outside contractors must submit a new affidavit indicating such.  
 ‡Contractors that check this box must attached an additional sheet showing the name of the sub-contractors and their workers' comp. policy information.

**I am an employer that is providing workers' compensation insurance for my employees. Below is the policy and job site information.**

Insurance Company Name: \_\_\_\_\_

Policy # or Self-ins. Lic. #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Job Site Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

**Attach a copy of the workers' compensation policy declaration page (showing the policy number and expiration date).**

Failure to secure coverage as required under Section 25A of MGL c. 152 can lead to the imposition of criminal penalties of a fine up to \$1,500.00 and/or one-year imprisonment, as well as civil penalties in the form of a STOP WORK ORDER and a fine of up to \$250.00 a day against the violator. Be advised that a copy of this statement may be forwarded to the Office of Investigations of the DIA for insurance coverage verification.

**I do hereby certify under the pains and penalties of perjury that the information provided above is true and correct.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone #: \_\_\_\_\_

<i>Official use only. Do not write in this area, to be completed by city or town official.</i>	
City or Town: _____	Permit/License # _____
<b>Issuing Authority (circle one):</b>	
1. Board of Health 2. Building Department 3. City/Town Clerk 4. Electrical Inspector 5. Plumbing Inspector	
6. Other _____	
Contact Person: _____	Phone #: _____

## 780 CMR 120.M

### SWIMMING POOLS, SPAS AND HOT TUBS

#### 780 CMR 120.M101 GENERAL

**120.M101.1 General.** The provisions of 780 CMR 120.M shall control the design and construction of swimming pools, spas and hot tubs.

*Note 1: Public and semi-public outdoor in-ground swimming pool enclosures shall conform to the requirements of M.G.L. c. 140, § 206.*

*Note 2: Also see 521 CMR 19.00: Recreational Facilities.*

*Note 3: Also see 105 CMR 430.000 and 435.000 as such regulates swimming pool requirements.*

*Note 4: Installation of electrical wiring and electrical devices shall be in accordance with 527 CMR 12.00: Massachusetts Electrical Code.*

*Note 5: Installation of gas-fired pool heaters shall be in accordance with 248 CMR (the Massachusetts Fuel Gas and Plumbing Code).*

#### 780 CMR 120.M102 DEFINITIONS

**120.M102.1 General.** For the purposes of 780 CMR 120.M, the terms used shall be defined as follows and as set forth in 780 CMR 52.00.

**ABOVE-GROUND/ON-GROUND POOL.** See "Swimming Pool."

**BARRIER.** A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

**HOT TUB.** See "Swimming Pool."

**IN-GROUND POOL.** See "Swimming Pool."

**RESIDENTIAL.** That which is situated on the premises of a detached one- or two-family dwelling or a one-family town-house not more than three stories in height.

**SPA, NONPORTABLE.** See "Swimming Pool."

**SPA, PORTABLE.** A nonpermanent structure intended for recreational bathing, in which all controls, water-heating and water-circulating equipment are an integral part of the product.

**SWIMMING POOL.** Any structure intended for swimming or recreational bathing that contains water over 24 inches (610 mm) deep. This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas.

**SWIMMING POOL, INDOOR.** A swimming pool which is totally contained within a structure and surrounded on all four sides by walls of said structure.

**SWIMMING POOL, OUTDOOR.** Any swimming pool which is not an indoor pool.

#### 780 CMR 120.M103 SWIMMING POOLS

**120.M103.1 In-ground Pools.** In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in 780 CMR 120.M107.

**120.M103.2 Above-ground and On-ground Pools.** Above-ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in 780 CMR 120.M107.

#### 780 CMR 120.M104 SPAS AND HOT TUBS

**120.M104.1 Permanently Installed Spas and Hot Tubs.** Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in 780 CMR 120.M107.

**120.M104.2 Portable Spas and Hot Tubs.** Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in 780 CMR 120.M107.

#### 780 CMR 120.M105 BARRIER REQUIREMENTS

**120.M105.1 Application.** The provisions of 780 CMR 120.M shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drowning and near-drowning by restricting access to swimming pools, spas and hot tubs.

**120.M105.2 Outdoor Swimming Pool.** An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be two inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be four inches (102 mm).

780 CMR: STATE BOARD OF BUILDING REGULATIONS AND STANDARDS  
THE MASSACHUSETTS STATE BUILDING CODE

2. Openings in the barrier shall not allow passage of a four-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed four inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
7. Where the barrier is composed of dimensional members, such as a lattice fence, the maximum opening formed by the dimensional members shall not be more than 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of 780 CMR 120.M105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
  - 8.1. The release mechanism shall be located on the pool side of the gate at least three inches (76 mm) below the top of the gate, and
  - 8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier one of the following conditions shall be met:
  - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
  - 9.2. All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are

opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal house-hold activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or

- 9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by 780 CMR 120.M105.2., Item 9.1 or 9.2.

10. Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

- 10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or
- 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of 780 CMR 120.M105.2., Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the pass 120.Me of a four-inch-diameter (102 mm) sphere.

*Note that for private, above ground pools:*

1. *The pool wall of an outdoor, above-ground pool (with pool walls extending at least 48 inches above grade at all points along the pool), substitutes for a fence or other barrier around the pool with the exception of the ladder area of the pool.*
2. *A retractable, lockable ladder, that cannot be removed (without tools or special knowledge available to a small child), which retracts, by hinge or sliding mechanism, to 48 inches or more above the finished grade level and has provision for securing in the retracted mode with a locking device, shall be considered an acceptable alternative to the applicable required enclosure (fence or other gate barrier) of the 780 CMR 421 (6<sup>th</sup> Edition Building Code), or 780 CMR 120.M (7<sup>th</sup> Edition Building Code for One- and Two-Family Dwellings).*
3. *The retractable ladder locking/release device must be located at least 54 inches above the finished grade level in immediate vicinity of the retractable ladder or such locking/release mechanism shall be located on the pool side of the ladder (forcing*

“reach around”) and located at least three inches below the top of the ladder and the ladder shall not have an opening greater than ½ inch within 18 inches of the locking/release mechanism.

*Exception: Public and semi-public outdoor in-ground swimming pool enclosures shall conform to the requirements of M.G.L. c. 140, § 206.*

**120.M105.3 Indoor Swimming Pool.** All walls surrounding an indoor swimming pool shall comply with 780 CMR 120.M105.2, Item 9.

**120.M105.4 Prohibited Locations.** Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

**120.M105.5 Barrier Exceptions.** Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in 780 CMR 120.M107, shall be exempt from the provisions of 780 CMR 120.M.

#### 780 CMR 120.M106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

**120.M106.1 General.** Suction outlets shall be designed to produce circulation throughout the pool or spa. Single outlet systems, such as automatic vacuum cleaner systems, or other such multiple suction outlets whether isolated by valves or otherwise shall be protected against user entrapment.

*Note: Also refer to 105 CMR 430.000 and 435.000.*

**120.M106.2 Suction Fittings.** All Pool and Spa suction outlets shall be provided with a cover that conforms with ANSI/ASME A112.19.8M, or a 12I 12I drain grate or larger, or an approved channel drain system.

**Exception:** Surface skimmers

**120.M106.3 Atmospheric Vacuum Relief System Required.** All pool and spa single or multiple outlet circulation systems shall be equipped with atmospheric vacuum relief should grate covers located therein become missing or broken. Such vacuum relief systems shall include at least one approved or engineered method of the type specified herein, as follows:

1. Safety vacuum release system conforming to ASME A112.19.17, or
2. An approved gravity drainage system.

**120.M106.4 Dual Drain Separation.** Single or multiple pump circulation systems shall be provided with a minimum of two suction outlets of the approved type. A minimum horizontal or vertical distance of three feet shall separate such outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuum relief-protected line to the pump or pumps.

**120.M106.5 Pool Cleaner Fittings.** Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least six inches and not greater than twelve inches below the minimum operational water level or as an attachment to the skimmer(s).

#### 780 CMR 120.M107 ABBREVIATIONS

##### 120.M107.1 General.

ANSI—American National Standards Institute  
11 West 42nd Street, New York, NY 10036

ASTM—American Society for Testing and Materials

1916 Race Street, Philadelphia, PA 19103

NSPI—National Spa and Pool Institute

2111 Eisenhower Avenue, Alexandria, VA  
22314

#### 780 CMR 120.M108 STANDARDS

##### 120.M108.1 General.

###### ANSI/NSPI

ANSI/NSPI-3-99 Standard for Permanently Installed Residential Spas AG104.1

ANSI/NSPI-4-99 Standard for Above-ground/ On-ground Residential Swimming Pools AG103.2

ANSI/NSPI-5-99 Standard for Residential In-ground Swimming Pools AG103.1

ANSI/NSPI-6-99 Standard for Residential Portable Spas AG104.2

ANSI/ASME A112.19.8M-1987 Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs and Whirlpool Bathing Appliances AG106.2

###### ASTM

ASTM F 1346-91 (1996) Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs AG105.2, AG105.5

###### ASME

ASME A112.19.17 Manufacturers Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool AG106.3