

# POOL PERMITS

BUILDING PERMIT APPLICATION -The application must be completed by the owner of the property, or the owner may designate an agent to act on his or her behalf authorizing the agent to obtain and be responsible for all matters pertaining to said permit, by signing a letter to that effect.

**ALL POOL PERMITS EXPIRE AFTER 3 MONTHS!  
AFTER 3 MONTHS YOU MUST REAPPLY FOR  
PERMIT AND PAY FEE AGAIN.**

Owner of property – must submit proof of ownership by a copy of the deed.

In-ground pools- Need to submit the installation specifications for permit.

Above ground pools- Need to submit the installation specifications for permit.

## Barrier requirements:

- Must completely surround the pool!
- Must be 4 feet high ( 48 inches)
- The space between the bottom of the barrier and ground cannot be more than 2 inches.
- Any opening in the barrier must be small enough to prevent the passage of a 4" diameter sphere.
- Where the wall of a dwelling serves as part of the barrier ALL doors with direct access to the pool shall be equipped with an alarm that meets the requirements of The Building Code of NYS or the Residential Code of NYS, as applicable.
- In the case of an above ground pool, the pool structure itself can serve as part of the required barrier, provided that the pool structure is sufficiently rigid to obstruct access to the pool and meets the four foot height requirements.

Alarm Requirements- Every swimming pool that is constructed, substantially modified or replaced after December 14<sup>th</sup> 2006, must be equipped with an approved pool alarm.

Entrapment Protection- Swimming pools and spas shall maintain body entrapment protections for suction outlets that meets the requirements the requirements of The Building Code Of NYS or The Residential Code of NYS, as applicable.

Electrical Safety Inspection Agencies- All pools must have a final inspection passed by an authorized agency. Approved list of agencies are available at the Town of Lloyd Building Department.

Setbacks to property lines- Show location of pool on survey of the property or draw on a sheet of paper showing left, right, front and back setbacks.

Workers compensation and liability insurance- Proof of insurance must be submitted from the contractor at the time of the application. The Town Of Lloyd is to be named certificate holder on the form. An exempt form can be submitted if there are no employees. A home owner can get an exempt form the Building Dept. Contractors with no employees can get an exempt form on the website [www.wcb.state.ny.us](http://www.wcb.state.ny.us).

## APPENDIX G

# SWIMMING POOLS, SPAS AND HOT TUBS

### SECTION AG101 GENERAL

**AG101.1 General.** The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the lot of a one- and two-family dwelling.

### SECTION AG102 DEFINITIONS

**AG102.1 General.** For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

**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 townhouse 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 capable of containing 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.

### SECTION AG103 SWIMMING POOLS

**AG103.1 In-ground pools.** In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG108.

**AG103.2 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 Section AG108.

### SECTION AG104 SPAS AND HOT TUBS

**AG104.1 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 Section AG108.

**AG104.2 Portable spas and hot tubs.** Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG108.

### SECTION AG105 BARRIER REQUIREMENTS

**AG105.1 Application.** The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

**AG105.2 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 2 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 4 inches (102 mm).
2. Openings in the barrier shall not allow passage of a 4-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 4 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 diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be securely locked with a key, combination or other child-proof lock sufficient to prevent access to the swimming pool through such gate when the swimming pool is not in use or supervised. 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 3 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 household 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, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.
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 Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

**AG105.3 Indoor swimming pool.** All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

**AG105.4 Prohibited locations.** Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

**AG105.5 Barrier exceptions.** Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix.

## SECTION AG106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

**AG106.1 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.

**AG106.2 Suction fittings.** All Pool and Spa suction outlets shall be provided with a cover that conforms with ANSI/ASME A112.19.8M, or a 12" x 12" drain grate or larger, or an approved channel drain system.

**Exception:** Surface skimmers

**AG106.3 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

**AG106.4 Dual drain separation.** Single or multiple pump circulation systems shall be provided with a minimum of two (2) suction outlets of the approved type. A minimum horizontal or vertical distance of three (3) 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.

**AG106.5 Pool cleaner fittings.** Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible posi-



# Building Permit Application

## Town of Lloyd

12 Church St., Highland, NY 12528

845-691-2144 x112

Please supply **ALL** relevant data below. Please follow submission checklist to make sure you are submitting all required information. **Any missing information will result in a delay of the issuance of the permit.**

DATE OF APPLICATION: \_\_\_\_\_ BUILDING PERMIT # \_\_\_\_\_

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

SECTION-BLOCK-LOT # \_\_\_\_\_ COST OF CONSTRUCTION: \_\_\_\_\_

Proposed Structure Size: \_\_\_\_\_ Setbacks to Property Lines: Front \_\_\_\_\_ Rear \_\_\_\_\_  
Left \_\_\_\_\_ Right \_\_\_\_\_

JOB DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_

OWNER OF PROPERTY: \_\_\_\_\_ TENANT: \_\_\_\_\_

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

Contact Name, Number and email: \_\_\_\_\_

Contractor Name and Address: \_\_\_\_\_

Contact, Number and email: \_\_\_\_\_

The owner of the property covered by this application and the undersigned applicant agree to conform to all applicable laws of this jurisdiction, and NYSFP&BC, to adhere to the approved plans and specifications, and to permit the Code Enforcement Officer and Deputies to enter upon to inspect the property at all reasonable times.

Signature of Owner/Authorized Agent

Print Name of Owner/Authorized Agent

\_\_\_\_\_

### TO BE COMPLETED BY THE BUILDING DEPARTMENT

REVIEWED BY: \_\_\_\_\_ DATE APPROVED: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

FEE: \$ \_\_\_\_\_ CHECK # \_\_\_\_\_

## MEMORANDUM OF UNDERSTANDING

Owner of record: \_\_\_\_\_

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

Tax Map SBL#: \_\_\_\_\_

Building Permit # for this application: \_\_\_\_\_

The owner of this property covered by this application and the undersigned applicant agree:

1. To conform to all applicable laws of this jurisdiction and the NYS Fire Protection and Building Code.
2. To adhere to plans and specifications affixed hereto.
3. To permit the Building Inspector of the Deputy Building Inspector to enter upon to inspect the property at all reasonable times.
4. I understand and agree that all work this is covered prior to inspection shall be required to be uncovered for inspection.
5. I have read and understand the instructions on the Building Permit application.
6. Prior to application for Certificate of Occupancy, I understand that I will have to submit a certified "As Built" drawing, stamped by a New York State Licensed Land Surveyor, Licensed Professional Engineer, or Registered Architect.
7. The "As Built" drawing shall show all structures on the lot and the distances to the lot lines, the elevations of the first floor of the principal or new structure, location and contours of any structures controlling stormwater run-off and the location of any catch-basins on the property. Waiver from this requirement is issued only at the discretion of the Building Department Director.
8. I understand and acknowledge that state and local laws prohibit "any type of occupancy" without a Certificate of Occupancy being issued by the Town. Substantial fines and penalties can be accrued.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date