



# POOL APPLICATION

## Village of Downs

211 S. Seminary, PO Box 18

Downs, IL 61736-0018

Voice: 309-378-3221

Website: [www.VillageOfDowns.org](http://www.VillageOfDowns.org)

Site Address:		<b>OFFICE USE ONLY</b> Application Received _____ Application Fee _____ Permit Issued _____ Permit Number _____ Contacted: Phone _____ Email _____		
Subdivision & Lot #				
Scope of work:				
<b>To arrange inspections call 309-378-3221.</b>				
		Application Date:		
		Anticipated Start:		
		Anticipated End Date:		
	NAME	ADDRESS	EMAIL	PHONE
Owner or Applicant				
Contractor				

### POOL TYPE (Circle all that apply)

In-ground	On ground (Above)	Partial In ground	Wall Height:	
Utilities Needed	Electric Y or N	Gas Y or N	Plumbing Y or N	

**BARRIER TYPE:** minimum 4 foot tall with 4" spacing with childproof lock, and/or a letter of coverage from homeowner's insurance company.

### INSPECTIONS NEEDED:

Stake Out \$75      Electric \$125      Gas/Plumbing \$125      Barrier/Final \$100

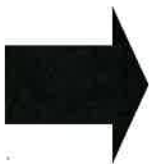
Total fee \_\_\_\_\_

Cost of Project      Materials: \_\_\_\_\_      Labor: \_\_\_\_\_      Total: \_\_\_\_\_

As the owner of the above property, I certify the above information is correct.

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

Building Trustee Signature: \_\_\_\_\_ Date: \_\_\_\_\_



- PLEASE ATTACH PLANS/SKETCHES TO THIS APPLICATION
- **NOTE: PERMITS MUST BE OBTAINED BEFORE WORK BEGINS**
- SUBMISSION OF THIS FORM DOES NOT GUARANTEE OR GRANT APPROVAL TO START WORK.
- ACCEPTANCE OF PAYMENT DOES NOT CONSTITUTE A PERMIT.
- APPLICATION VOID IF WORK IS NOT STARTED WITHIN 3 MONTHS AFTER PERMIT ISSUANCE
- APPLICATION VOID IF WORK IS NOT COMPLETED WITHIN 6 MONTHS AFTER PERMIT ISSUANCE.
- ANY ADDITIONAL INSPECTIONS REQUIRED WILL BE BILLED TO THE OWNER.

202304

## Recommendations for Pool Permit Application

Village of Downs, IL

April 1, 2021

**This provision shall control the design and construction of swimming pools on the lot of one- and two-family dwellings. (not intended as recommendations for public or commercial pools)**

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### Outdoor Swimming Pool Permit Application Requirements

An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spas shall be provided with a **barrier** that adheres to the terms of the owner's insurance provider. The intent of a safety **barrier** is to prevent drownings, accidents, and bodily injury. A letter stating that a design review has been completed by the homeowner's insurance provider must be on file with the village along with the pool permit application.

#### General Requirements:

1. When applying for a building permit for the swimming pool, a site plan shall be submitted showing how far the pool is away from the property lines, overhead electrical wires, buildings, and any other structures on the lot and not intrude or alter any other building restrictions in this zone.
2. The installation of the swimming pool, equipment, and paving shall not change the existing water drainage characteristics of the site, to cause water to drain onto adjacent private or public property.
3. All swimming pools, that are capable of holding a depth of water greater than 24", shall be surrounded by an "approved" **barrier** that adheres to the terms of the homeowner's insurance provider.
4. Swimming pools shall not be installed beneath or have any edge of the pool within 10'-0" measured horizontally from an overhead electrical wire, telephone wire, cable TV wire, or any other type of wire.
5. If the house or other structure has a door or openable windows (within 48" of finished grade) leading directly into the pool an additional **barrier** may be required.
6. At minimum provide a removable and/or fold up/ lockable ladder. (Refer to Sec. 322 of ISPSC)
7. If a new fence is to be erected, the site plan shall show the fence line, and how far from the property line the pool will be. An additional Small Projects Permit (Fence) must be on file with the village. If the fence is existing, the site plan shall show the existing fence location.  
(Pool Safe Covers are allowed per approval by homeowner's insurance provider).

#### Electrical Requirements:

1. To minimize voltage differences between the pool, its equipment, surrounding metallic objects that a person may come in contact with, voltages that may be passing thru the earth as a result of lightning, or power company conductors (possibly damaged)—all these items are bonded together so that no difference in voltage can exist to create a shock hazard.
2. To ensure proper bonding of electrical equipment the village recommends homeowners retain licensed electricians or pool installation companies.
3. All electrical pumps, motors and heaters shall be listed to meet NFPA 70 and International Residential Code (IRC) requirements and sized to meet the safe and efficient operation of pool.
4. An emergency shut-off switch shall be provided to disconnect power to prevent overload of electrical equipment and maintenance. Emergency shut offs shall not be located more than **5 feet**, measured horizontally, from the wall of the pool and should be visible. Receptacles and emergency shut-offs should be mounted 18" above grade.
5. All completed electrical connections must be made visible for electrical inspection.

#### Additional Mechanical Requirements:

1. Plumbing supply and discharge are to be installed in a manner as not to contaminate existing water connections and should meet the provisions of the Illinois Plumbing Code. All completed plumbing connections must be made visible for inspection.
2. Overhead and underwater pool lighting shall be installed in accordance NFPA 70. Illumination shall be as such to provide visibility enough to determine if a pool user is lying at the bottom of the pool.
3. Avoid entrapment, be sure drain covers meet ANSI/APSP/ICC-7 and ANSI/APSP/ICC-16 Standards.

#### Additional Resources:

**Pool & Hot Tub Alliance [APSP.org](http://APSP.org)**

**U.S. Consumer Product Safety Commission – Pool and Spa Safety [PoolSafety.gov](http://PoolSafety.gov)**

**The Centers for Disease Control and Prevention (CDC) - Healthy Swimming  
[cdc.gov/healthywater/swimming/](http://cdc.gov/healthywater/swimming/)**



# Avoid Entrapment!

## Always Follow These Important Rules

- Never play or swim near drains or suction fittings. If a cover is not compliant, or is loose or broken, your body or hair may be trapped causing permanent injury or drowning.
- Never enter a pool or spa that has a loose, broken, or missing suction fitting or drain cover.
- Immediately notify the pool/spa owner or operator if you find a loose, broken, or missing drain cover. In such a case the pool or spa should be closed and an industry professional should make the necessary repair or replacement.

### Be Aware of the 5 Types of Entrapment:



- **Hair:** Hair can become entangled in an improperly covered drain.



- **Limbs:** Arms or legs can get lodged and may not be able to be pulled free from an improperly covered drain, even if the pumps are turned off.



- **Body:** Any part of the body that covers a drain can be held down by the suction.



- **Evisceration:** Sitting on a drain with suction or a broken or missing cover can cause injuries or dismemberment.



- **Mechanical:** Fingers, toes, and items such as jewelry or a bathing suit can become entangled and stuck in a non-compliant drain or cover.

*Always be sure your builder and service person are knowledgeable professionals who will build and service your pool to meet the ANSI/APSP -7 standard.*

*The Association of Pool & Spa Professionals offers its members continuing education and certification to be sure they are up-to-date on safety regulations and devices.*



[www.apsp.org](http://www.apsp.org)

# Take These 3 Steps to Keep Your Pool, Spa, or Hot Tub Safe and Free from Entrapment Risk

- 1 Have your pool or spa inspected by a licensed industry professional.
- 2 There is no backup for a broken, missing or inadequate cover. Replace any broken, missing or non compliant covers with covers that are marked: **"VGB2008," "ASME/ANSI A112.19.8-2007"** or show the swimmer logo.



(Below: examples of proper drain covers)



- 3 Pools or spas with a single main drain require additional protection. Options include
  - eliminating the drain or reversing the flow
  - adding a second, properly spaced outlet
  - installing an SVRS (safety vacuum release system)
  - installing an automatic pump shut-off system
  - installing a suction limiting vent system
  - adding a gravity drainage system