



**WOODS CREEK HOMEOWNERS
ASSOCIATION
PO BOX 70 WONDER LAKE IL 60097**

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Dear Woods Creek Residents:

As the HOA board, we feel the need to address an immediate issue to all homeowners who have a pool or are thinking of getting a pool, so you are aware of the outcome.

The Village was given notice from the McHenry County that they have not been enforcing the swimming pool safety regulations, which means, if you do NOT have a fence around your pool, you will be fined and forced to take down your pool. This goes for pools 24 inches in height or taller. If you have a pool taller than 48' you must have an enclosure around it with a ladder that is either removable or lifts up and must be locked. For more information and details, view the County Swimming Pool Regulations.

Also, if you have a pool that is taken down every yr. please be aware that the Village is now going to impose a \$187.00 permit fee every year you put the pool up, so the best advice is to just leave it up through the winter.

Since the Village was given this notice, they were going to start fining our subdivision immediately so with respect, a request was made from a board member to grant us 2 weeks to address this issue with all of the homeowners before fining residents who are unaware of this situation.

Unfortunately this is something a lot of people are NOT happy about but, it is a County Ordinance and it has to be followed and anyone with a pool needs to be compliant for the safety of others.

They have begun fining the residents on the East Side of Wonder Lake as well as forcing them to take down pools for those that are not in compliance. The fine is \$100.00 ticket from the Village of Wonder Lake.

Please note: **THIS IS NOT AN HOA ISSUE!** If there is a question it will need to be addressed with the Village of Wonder Lake or McHenry County. Hoping we are able to get this information out there as soon as possible, this should avoid a potential fine.

Thank you,

The Woods Creek HOA Board

Dennis, Tam, Michele, Frank

PERMANENTLY INSTALLED SWIMMING POOL CHECK LIST

1. ___ Is there underground conductor within 5' horizontally from the inside wall at the pool? 680.10
2. ___ Is there overhead Electrical Conductors in the area extending 10 ft. horizontally from the inside wall of the pool and 22.5' up from water level? 680.8
3. ___ Is the pump motor third party listed to U.S. standards with a label for pool motor? (UL1081 is the standard) 110.3(B)
4. ___ Is the cord on the pump motor #12 wiring and no longer than 3' with a twist lock cord cap? 680.7
5. ___ Is the receptacle 5' from the inside pool wall? 680.22(A)(1)
6. ___ Is the receptacle a twist-lock and protected by GFCI? 680.5 This must be a GFCI breaker or GFCI face-less type outlet or GFCI outlet, rated for the h.p. at the pump. (GFCI outlets can only do up to 1 1/2 h.p. motors.)
7. ___ Is the cover for the receptacle an in-use cover? 406.8(B)(1)
8. ___ Is there a GFCI general purpose outlet on a general purpose circuit 10' from pool wall and not more than 20'? 680.22(A)(3)
9. ___ Is there a disconnecting switch located at least 5' from the inside wall of the pool? 680.12
10. ___ Is the raceway of the type of rigid heavy wall metal conduit, intermediate metal conduit or rigid nonmetallic conduit (PVC) and listed for electrical use? 680.21(A)(1) 110.3 (b) (Note: There shall be no plumber's putty (pipe dope) or plumber's Teflon tape (white tape) on the ends of the metal type conduit.)
11. ___ Is the raceway buried to the correct depth? RMC, IMC=6 inches and PVC 18 inches from the top of the conduit to grade. 300.5 and Table 300.5
12. ___ There must be a minimum of a #12 green wire installed in the raceway. 680.21(A)(1) The wire must be green in color. 250.119
13. ___ The grounding conductor must pick up all junction boxes, light fixtures, pump motors, transformer enclosures, devices like switches, outlets, etc. 680.6
14. ___ Is there a grounding conductor between panel boards that are not part of the service equipment subpanels and that supply any electric equipment associates with the pool? 680.25 The wire shall be sized in accordance with table 250.122 and shall also be insulated.
15. ___ The bonding conductor must be a solid #8 copper wire. (Bare conductor is OK). This wire must pick up pool frame (upper and lower ring if metal) and pump motor, pool heater (if one) and RMC or IMC piping, and any metallic part within 5' of the pool. 680.26(B)(1)(2)(3)(4) and (5)
16. ___ Is the bonding conductor connection done with a clamp of the type of stainless steel, brass, or copper? (No zinc parts) 680.26(C)
17. ___ Double insulated pump motors do not have to be bonded with the solid #8 but must have a #12 green wire to them.
18. ___ If RNC (PVC) is used with RNC PVC boxes, these items must be listed for electrical and sunlight resistant. Support and expansion fitting may be needed. Article 352 (No plumbing type pipes.)

Electrical Pool information For Permanently installed pools

Outdoor Spa or Hot tub 680-40.

Shall comply with provisions of permanently installed swimming pools part A and part B of article 680

1. Disconnecting means is required.
2. The grounding wire must be sized to 250-122

10' Minimum to
20' Maximum
680-6(a)(2)

Note #1

Disconnecting means must be a minimum of 5' from pool, 680-12 (There may be a switch on the pump motor. Check your unit.)

Single, twist-lock grounding type receptacle GFCI protected 680-6(a)(1)
And with in-use cover 410-57(b)(1)
Sec note 2 about GFCI protected

Convenience receptacle GFCI Protected
(There may be a receptacle on the house close enough)
680-6(a)(2)

5' Minimum
680-6(a)(1)

If the pool has plastic standards an upper bond wire will be needed if upper ring is metal.

8 Solid bonding conductor 680-22(a)-(b)

PUMP

GROUND LOG

MOTOR

Cord must be twist-lock with #12 copper conductor 3' long 680-7

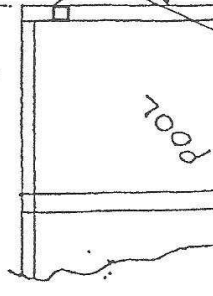
Clamp must be stainless steel, brass or copper if heavy wall or I.M.C. is used 680-22(b)

6" minimum heavy wall conduit and IMC 18" minimum non-metallic conduit (PVC) 300-5

Raceways must be of Rigid wall metal conduit, intermediate metal conduit, Rigid nonmetallic conduit (PVC) with a #12 insulated copper conductor. 680-25(c)

Grounding. The following Equipment shall be grounded: (1) wet-niche and no-niche underwater lighting fixtures, (2) dry-niche underwater lighting fixtures, (3) all electric equipment located within 5ft of the inside wall of the pool, (4) all electric equipment associated with the recirculating system of the pool, (5) junction boxes, (6) transformer enclosures, (7) ground-fault circuit-interrupters, (8) panelboards that are not part of the service equipment and that supply any electric equipment associated with the pool. 680-24 and 680-25

This should be a continuous ground wire no less than #12 AWG.



For all non-double insulated pump motors a bond is required to the motor housing, the pool frame and all metal conduits

- Notes:
- #1: All boxes, covers & fittings are W.P. outdoor type & sunlight resistant.
 - #2 Self-contained unit circuit breaker type, receptacle type (like face-less GFI outlets) or other approved type to the twist-lock outlet 680-5(b)
 - #3 All PVC must be of the electrical type and be listed. (Conduit must be gray in color)
 - #4 All pump motors shall be listed and labeled as per 110-3(b) UL or equivalent by an approved testing agency to U.S. standards.

SWIMMING POOL REQUIREMENTS

INSPECTOR'S CHECKLIST

1. 4 FT. Barrier is required

A. Pool or Fence is measured from the ground up on the outside of the barrier

B. Barrier must completely surround the pool

1. Max. opening of the fence barrier is 4 inches

2. Max. opening at the bottom of the fence barrier to the finish grade is 2 inches

3. Max. opening for a Chain Link Barrier is 1 ¼ inches

C. **If the above ground pool serves as its own barrier, the following is required:**

1. The ladder must be capable of being secured, locked or removed to prevent access
OR

2. The ladder must be surrounded by a minimum 4 ft. barrier with an approved gate
OR

3. If there is a deck with stairs – a minimum 4 ft. barrier should be at the bottom of the stairs with an approved gate (See gate requirements)

D. **If a fenced-in yard serves as the barrier, the following is required:**

1. Fence must be minimum 4 ft. high and meeting the above barrier requirements

2. An approved gate must be installed (See gate requirements)

3. The house becomes part of the barrier

a. Approved alarm must be installed on all doors and screens (if present) with access to the pool

2. Clearances: Minimums

A. 5 ft. to underground electric

B. 10 ft. measured horizontally from the inside of the walls of the pool (overhead)

C. 22.5 ft. clearance from power lines in any direction to the water level (overhead)

POOL MAY NOT ENCROACH ONTO ANY EASEMENT

3. Gate requirements:

- A. Must swing outward away from the pool
- B. Be self closing
- C. Be self latching
- D. Latch location as follows:
 - 1. 4 ft. fence – Release mechanism of the latch must be:
 - a. Located on the pool side of the gate
 - b. Located minimum of 3 inches from the top of the gate
 - c. There can be no opening greater than ½" within 18" of the latch
 - 2. 5 ft. or 6 ft. fence – Release mechanism must be minimum 54 inches above grade

4. Electrical requirements:

- 1. Convenience outlet must be a GFI Outlet 10 ft. to 20 ft. from the pool with a weatherproof cover
- 2. At least one convenience receptacle shall be located a minimum of 5 ft. from and not more than 10 feet from the inside wall of the spa or hot tub.
- 3. Pump motor
 - A. Maximum 3 ft. cord allowed
 - B. Twist lock plug, GFI protected with a weatherproof cover is required
 - C. I.M.C. conduit must be buried a minimum 6 inches underground
 - D. #12 copper ground wire is required
- 4. Switches must be a minimum 5 ft. from the pool
- 5. Light fixtures must be a minimum 5 ft. from the pool or 12 ft. above
- 6. All metal parts must be bonded with a minimum #8 copper wire

CAUTION: Contact J.U.L.I.E. 48 hours before you dig. 800 892-0123

IMPORTANT!!!!

**ELECTRICAL INSTALLATIONS SHOULD NOT BE DONE
BY ANY PERSON OTHER THAN A QUALIFIED,
EXPERIENCED INDIVIDUAL WITH FULL KNOWLEDGE
OF THE ELECTRICAL CODES.**

PLEASE NOTE!!!!

**YOUR POOL MAY NOT BE USED UNTIL YOU HAVE
OBTAINED AN APPROVED FINAL INSPECTION.**

CAUTION: Contact J.U.L.I.E. 48 hours before you dig. 800-892-0123