

The following amends **CHAPTER 151: SWIMMING POOLS**.

SECTION 151.30 LOCATION OF SWIMMING POOL.

Replace paragraph (B) with the following:

- (B) All pools shall be located to the rear of the primary residential dwelling allowing a minimum distance of ten (10) feet between the side and rear property lines and the outside of the pool wall. Side and rear yard setbacks shall apply if greater than ten (10) feet. No swimming pool shall be located in an easement.

Replace paragraph (C) with the following:

- (C) Pumps, filters and any pool equipment shall be located a distance not less than five (5) feet from any property line or outside the side and rear yard setbacks if greater than five (5) feet.

Insert the following as paragraph (E):

- (E) There shall be a distance of not less than four (4') feet between the outside pool wall and any building located on the same lot.

SECTION 151.31 DESIGN AND CONSTRUCTION REQUIREMENTS.

Insert the following as subparagraphs of (F):

- 1) Pools constructed above ground may be protected from entry by a barrier attached to the pool walls such that the total height of wall and additional barrier is not less than four (4) feet in height surrounding the swimming pool. Adjacent buildings and decks connected to the barrier can be used to provide protection if the barrier is continuous. Steps or ladders can be used to access the pool but, they must be removed or made inaccessible when the pool is not being used under the supervision of the owner. No additional yard fencing is required if the four (4) foot barrier is maintained.
- 2) Fencing that encloses the entire premises of a residential property on which a swimming pool is located may serve as sufficient fencing for the pool upon inspection and approval of the Code Enforcement Officer.

(B) No portion of such pool shall be located at a distance of less than five feet from any side or rear property line.

(C) Pumps, filters and pool water disinfection equipment installations shall be located at a distance of not less than two feet from any side property line.

(D) However, the provisions of this section shall not apply to any swimming pool of a permanent nature which has been constructed prior to the effective date of this chapter.

('70 Code, § 7-5-6)

§ 151.31 DESIGN AND CONSTRUCTION REQUIREMENTS.

In addition to such requirements as may be reasonably imposed by the Board of Health, the Code Enforcement Officer shall not issue any permit as required by this chapter unless the following design and construction requirements are to be observed in such work, and all pools shall be constructed and maintained in conformity with the following requirements:

(A) *Material.* The material used for lining pools shall be one which is light in color, is impervious and will provide a tank with smooth and easily cleaned surfaces. Sand or dirt bottoms are prohibited.

(B) *Walls.* The side walls shall be vertical to a depth of at least five feet. However, a slope is permitted which shall not be more than one foot horizontal and five feet vertical to a depth of five feet from the top.

(C) *Steps or ladders.* At least one means of egress in the form of steps or ladders shall be provided for all private residence swimming pools. Treads of steps or ladders shall be constructed of nonslip material at least 2½ inches wide for their full length. Steps or ladders shall be equipped with a handrail.

(D) *Walk area.*

(1) There shall be an unobstructed walk area not less than 36 inches wide to extend entirely around the pool. It is recommended but not required that the walk area shall be constructed of impervious material, and the surfaces shall be smooth and easily cleaned and of nonslip construction. The slope of the paved walk shall have a pitch of at least 1/4 inch per foot, designed to prevent back drainage from entering the pool.

(2) Where an impervious walk area as described under division (D)(1) is not installed, then the slope away from the edge of the pool shall be at least one inch per foot for distance of not less than three feet.

(E) *Fences.* A fence or wall shall be installed and maintained so as to completely surround the pool. Such fence or wall shall be an effective barrier to small children, and shall be at least 48 inches in height. Gates thereof shall be self-closing and shall be equipped with self-latching devices placed at the top thereof. Such gate shall be locked when the premises are not occupied or the pool not in use, particularly at night.

('70 Code, § 7-5-7) Penalty, see § 10.99

§ 151.32 RECIRCULATION TYPES REQUIRED.

All private swimming pools shall be of the recirculation type, in which circulation of the water is maintained through the pool by pumps, the water drawn from the pool being clarified and disinfected before being returned to the pool.

('70 Code, § 7-5-8)

§ 151.33 RECIRCULATION SYSTEM AND APPURTENANCES.

(A) Private residential swimming pool recirculation systems shall consist of pumping equipment, hair and lint catcher, filters, together with the necessary pipe connections to the pool inlets and outlets, facilities and pipe connections necessary for

back-washing type filters and facilities and equipment for disinfecting pool water.

(B) The recirculation system pump shall have sufficient capacity to discharge the volume of water required for an 18-hour turnover of the pool against the maximum head in the recirculating system.

(C) The pump and facilities used for back-washing type filters shall have sufficient capacity to provide a filter backwash rate of at least ten gallons per minute per square foot of filter area.

(D) A hair and lint catcher or strainer shall be installed on the suction side of the circulation pump to prevent hair, lint and other extraneous matter from reaching the pump and filters. Hair and lint catchers shall be so designed that they can be easily dismantled for cleaning and inspection and shall be so designed as to be easily accessible for cleaning.

(E) Recirculating systems shall contain a suitable filter of sufficient filter area to filter the entire contents of the pool in 18 hours at the rate of not more than five gallons per square foot of filter area per minute. All backwash water and effluents shall be discharged to a storm or sanitary sewer through an indirect connection, or if neither is available, the backwash shall be disposed of in a manner suitable to the Code Enforcement Officer. Pressure filters shall be equipped with readily accessible air relief valves, loss of head indicators or pressure gauges to determine the frequency of cleaning and an access head or hole large enough to permit inspection, maintenance and repair work.

('70 Code, § 7-5-9) Penalty, see § 10.99

§ 151.34 DISINFECTION.

(A) Equipment shall be provided for the disinfection of all pool water. Any disinfection method using materials other than chlorine compounds shall be subject to the approval of the Code Enforcement Officer. Disinfection equipment installed for the use of chlorine compounds shall have sufficient capacity to maintain a free chlorine residual

of not less than 0.5 parts per million. The disinfectant shall be introduced into the recirculation system of the filters.

(B) Gaseous chlorination systems shall not be made use of as a disinfection method for pool water.

(C) A test kit with permanent color standards shall be provided and each individual owner shall be responsible for the disinfection of his own pool. However, the Board of Health reserves the right to make inspections and take appropriate action according to law.

('70 Code, § 7-5-10)

§ 151.35 INLETS.

(A) Private residential swimming pool water recirculation system inlets shall be located so as to produce so far as possible uniform circulation of water throughout the pool with out the existence of dead spots and to carry pool bottom deposits to the outlets, and shall discharge at a minimum of ten inches below the pool overflow level. A main outlet shall be placed at the deepest point in the pool and fitted with a safe grating, or provision shall be made for draining the pool which is suitable to the Code Enforcement Officer. No direct connection shall be made to the sewer. A minimum of one recirculation system inlet shall be provided for every 800 square feet of surface area of the pool.

(B) Pools shall be equipped with suitable facilities for adding make-up water as needed. There shall be no physical connection between the water supply line and the pool system. If the make-up water is added directly to the pool, the outlet shall be at least six inches above the upper rim of the pool. If the make-up water line discharges to a surge or balancing tank, the point of discharge shall be at least six inches above the rim of the tank. If a hose connection from a sill cock or other plumbing fixture is to be used for supplying make-up water, then an approved vacuum breaker shall be installed between the sill cock or control valve at the fixture and the hose connection.

('70 Code, § 7-5-11)