

# **Clayton County Environmental Health Public Swimming Pool Program**

## **Clayton County Board of Health Swimming Pool Regulations**

### **Section -.12 Lighting and Electrical Requirements.**

- (1) Artificial lighting shall be provided for all indoor and outdoor pools and spas. Lighting shall be adequate to illuminate the entire swimming pool enclosure without glare. All installations shall comply with local building code requirements. Ground-fault interrupters must be provided. Lighting in dressing rooms, sanitary facilities, equipment rooms and concessions shall comply with local code requirements.
  - (a) For outdoor pools used for night swimming and all indoor pools and spas, a minimum of 30 foot candles shall be maintained at the surface of pool and deck areas where underwater lighting is utilized. A minimum of 50 foot candles shall be maintained at the surface of pool and deck areas where underwater lighting is not utilized. More light may be required as deemed necessary by the Health Authority and/or by other codes which apply.
  - (b) Where underwater lighting is used, the following rules shall apply:
    1. For public pools under 800 sq. ft. of pool surface area, a minimum of 500 watts of underwater lighting is required.
    2. For all public pools 800 sq. ft. or larger of surface area, at a minimum, one and one half (1.5) watts per sq. ft. of surface area is required. The lighting shall be evenly spaced around the pool to prevent glare.
    3. In all diving pools and all pools over 1000 sq. ft. with diving areas to 12 feet in depth, two (2) watts per sq. ft. of surface area is required. In all pools with diving wells deeper than 12 feet, it is required to provide at least three (3) watts per sq. ft. of surface area, within the diving well.
  - (c) For outdoor pools, when not being used for night swimming or recreation, a minimum of 10 foot candles shall be maintained at the surface of pool and deck areas. Motion detector type lights are acceptable.
- (2) No switches, starters, panel boards or similar electrical equipment shall be located in areas readily accessible to bathers while in the pool or on the designated deck area.
- (3) No overhead wiring shall pass within twenty (20) feet (horizontal distance) of the pool enclosure. No electrical outlets shall be located within ten (10) feet of the pool edge.