

(b) No newly constructed public swimming pool shall be eligible for an operating permit until a final inspection has been made by the approving authority.

105-6. Physical standards for public swimming pools.

The following basic principles shall govern location, construction or reconstruction of all public swimming pools. They shall be used to interpret and promulgate regulations and to serve as the basis for the issuance of construction permits under Section 105-4 of this Chapter.

(a) Public swimming pools shall be located so as to:

1. Prevent and minimize the possibility of water contamination in the swimming pool from external sources occurring through
 - a. Low-lying pool elevations in areas subject to periodic flooding,
 - b. Location of a pool in the path of uncontrolled surface water movement, or
 - c. Leakage into the pool from sources of contamination located overhead;
2. Permit ready access to the pool for emergencies; and
3. Insure that utilities are available, or can be installed.

(b) All public swimming pools shall be constructed:

1. To prevent or reduce the possibility of water contamination occurring through
 - a. Entrance of surface water,
 - b. Back flow or back syphonage, or
 - c. Transport of foreign matter by bathers or spectators;
2. To provide water of drinking quality to the pool and at all taps accessible to the bathers;
3. To provide a continuous replenishment of clear, clean water to the pool of such chemical composition as to control the growth and spread of organisms and to minimize deleterious effects on the bathers and at such rates of delivery as the use of pool requires;
4. To insure reasonable expectations of the pool operating properly;
5. To insure a reasonable degree of mechanical strength and permanence of materials;
6. To insure that repairs and maintenance of the pool and its appurtenances can be made and that the pool can be kept clean;