



Clayton County Board of Health

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Swimming Pool and Spa Worksheet

Name of Facility: _____

Address: _____

Phone Number: _____

Date: _____

Type of Unit: Swimming Pool Spa Wading Pool
 Falling Entry Pool Other: _____

Surface Area = _____ square feet

Rectangle/Square

= Length × Width

= _____ × _____

Circle

= 3.14 × Radius × Radius

= 3.14 × _____ × _____

Triangle

= Length × Width ÷ 2

= _____ × _____ ÷ 2

For multi-sided units divide the pool into known shapes and use the back to calculate the area for each one. Then add the answers together to get the total surface area.

Average Depth = _____ feet

Pools with Constant Slope

= (Shallow Depth + Deep Depth) ÷ 2

= (_____ + _____) ÷ 2

Pools with Constant Depth

= Depth

= _____

For units with more than one area (ex. diving well with constant depth, two differently sloped sections, etc.) perform the calculations for each.

Volume = _____ gallons

= Surface Area × Average Depth × 7.48

= _____ × _____ × 7.48

For units with more than one area (ex. diving well with constant depth, two differently sloped sections, etc.) perform the Average Depth calculations for each. Perform the Volume calculation for each section and then add the answers together to get the total volume of the unit.

Turnover Rate = _____ hours

= Volume ÷ Flow Rate (from the flow meter) ÷ 60

= _____ ÷ _____ ÷ 60

(over)

Maximum User Capacity = _____ bathers
 = **Surface Area (for each section) ÷ Health Code Bather Capacity (see back)**
 = _____ ÷ _____

For pools with two or more areas (deep end, shallow end, etc.) perform the calculations for each area and add the answers together to get the total number of bathers.

Health Code Bather Capacity:

	<u>Shallow Area</u>	<u>Deep Area</u>	<u>Diving Area</u>	<u>Entry Area (slides, etc.)</u>
Pool (deck < surface area of the pool)	18 square feet per user	20 square feet per user	300 square feet per user	150 square feet per user
Pool (deck = surface area of the pool, or up to twice the surface area of the pool)	15 square feet per user	18 square feet per user	300 square feet per user	150 square feet per user
Pool (deck > twice the surface area of the pool)	12 square feet per user	15 square feet per user	300 square feet per user	150 square feet per user
Spa	9 square feet per user	N/A	N/A	N/A

Use this area for calculations:

Certified Operator

(Print)

(Certification Type and Number)

(Signature)

(Date)