

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY DIVISION
1110 W. Washington Street, Phoenix, Arizona 85007

(Submit in duplicate to the **Engineering Review Desk**)

APPLICATION FOR APPROVAL (PROJECT NAME) of swimming pool/spa to serve

Physical Address of pool/spa location _____

LATITUDE ____ ° ____ ' ____ . ____ " N LONGITUDE ____ ° ____ ' ____ . ____ " W

TOWNSHIP ____ RANGE ____ SECTION ____ QUARTER SECTION (CIRCLE) NE SE SW NW

City Located In/Near _____ County Located In _____

This pool/spa will be constructed and operated in accordance with Arizona Department of Environmental Quality (ADEQ) and Arizona Department of Health Services (ADHS) Regulations Governing the Design, Operation and Maintenance of Public and Semipublic Bathing Places.

Date _____ Owner of Pool/Spa (Print Name) _____

Address _____

City _____ Zip Code _____

Owner of Pool/Spa (Original Signature) _____

Public and Semi-Public Swimming Pools and Spas Governing Regulations: Arizona Administrative Code, Title 18, Chapter 5, Article 2.

Pursuant to A.R.S. § 41-1030:

- (1) ADEQ shall not base a licensing decision, in whole or in part, on a requirement or condition not specifically authorized by statute or rule. General authority in a statute does not authorize a requirement or condition unless a rule is made pursuant to it that specifically authorizes the requirement or condition.
- (2) Prohibited licensing decisions may be challenged in a private civil action. Relief may be awarded to the prevailing party against ADEQ, including reasonable attorney fees, damages, and all fees associated with the license application.
- (3) ADEQ employees may not intentionally or knowingly violate the requirement for specific licensing authority. Violation is cause for disciplinary action or dismissal, pursuant to ADEQ's adopted personnel policy. ADEQ employees are still afforded the immunity in A.R.S. §§ 12-821.01 and 12-820.02.

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY DIVISION
 1110 W. Washington Street, Phoenix, Arizona 85007

- POOL
- SPA
- PUBLIC
- SEMI PUBLIC

SWIMMING POOL/SPA CONSTRUCTION APPROVAL REQUEST FOR A

Pool/Spa to Serve: _____
 (GIVE NAME OF COMMUNITY, MOTEL, TRAILER PARK, APARTMENT, ETC.)

Pool/Spa Contractor/Engineer: _____ Contact Name: _____

Contractor/Engineer Address: _____ Phone: _____

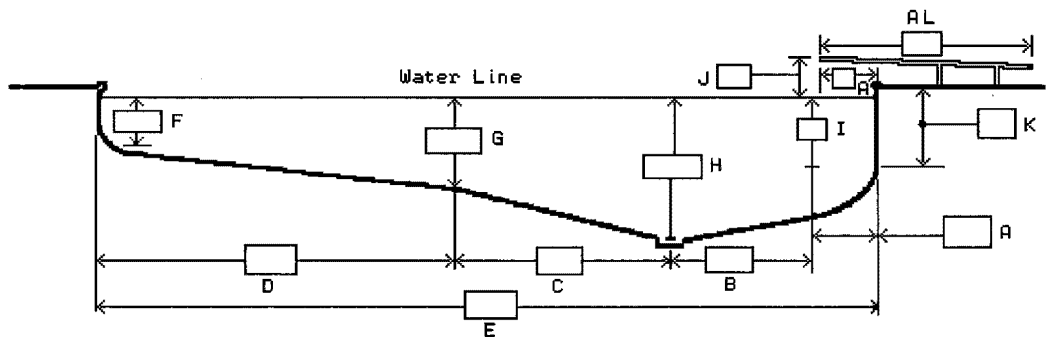
DESIGN DATA:

	Main Pool		Spa / Wading Pool
Pool surface area _____ sq. ft		Surface area _____ sq. ft.	
Pool water volume _____ gallons		Water Volume _____ gallons	
Filtration rate (8 hour turnover) _____ gpm		Spa Filtration rate(1/2 hour turnover) _____ gpm	
		Wading Pool Filtration rate(1 hour turnover) _____ gpm	
Total Filter Area Required:	Diatomaceous earth filters _____ sq. ft.		
	Sand filters _____ sq. ft.		
	Rapid sand filters _____ sq. ft.		

Scum Gutters: yes no Recirculating Skimmers: number _____ mfg. _____ cat. number _____
 (SHOW DETAIL ON PLAN) Total weir length _____ inches

Inlets: number _____ Pump: Distance from main drain _____ ft.
 adjustable type Pump installed _____ ft. above water level
 orifice plate type below

SHAPE OF POOL BOTTOM



INFORMATION TO BE SHOWN ON PLAN:

1. Plot plan - show north and prevailing wind direction and distance to existing water and sewer mains in the area.
2. Plan of pool - with dimensions.
3. Pool piping arrangement - indicating type and size of pipe and location of all valves.
4. Location of inlets, skimmers, main drain, vacuum hose connection, ladders, steps, depth markers, divingboards, life guard chair, make-up water inlet, life line, point of chlorine application, flow meter, backwash sightglass and other necessary details.
5. Location and profile drawing of filtration equipment - with distance from pool.
6. Method and place of backwash and waste water disposal.
7. Pool deck area - show slope and widths, locate drains if used.
8. Detail of scum gutter if used.
9. If automatic cleaning equipment is to be installed - show piping layout.

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY - WATER QUALITY DIVISION
ENGINEERING REVIEW DESK

GENERAL CONSTRUCTION INFORMATION:

Pool Structure: Gunitite Poured concrete Other

Trim and Finish:

Pool walls and bottom _____
Coping _____
Tile _____
Depth markers at _____ ft. _____ ft. _____ ft. _____ ft.

Decking:

Type _____
Finish _____
Minimum width _____ ft.

Filter Plant: mfg. _____
Pressure sand and gravel filters:
Number _____ Dia. _____
Height in. _____
Total filter area of plant _____ sq. ft.
Circulation rate _____ gpm
Backwash rate _____ gpm
Turnover rate _____ hours

catalog number _____ NSF approval: yes no
Diatomaceous earth filters:
Filter elements: cloth metal stone
Number filters _____
 pressure type gravity vacuum
Total area of filter plant _____ sq. ft.
Circulation rate _____ sq. ft.
Slurry feeder: yes no

Filter Accessories:

Air relief valves: automatic hand operated backwash sightglass
Pressure gauges: quantity _____ size _____
Flow meter mfg. _____

Vacuum gauges: quantity _____ size _____
Catalog number _____

Circulating Pump:

Size _____ x _____ hp Self priming: yes no
Circulating rate _____ gpm _____ tdh

Strainer size _____ in.
Backwash rate _____ gpm _____ tdh

Chemical Feeders: mfg. and type _____ Capacity _____ lbs. Quantity _____

Chlorinator: mfg. _____ Capacity _____ lbs. Quantity _____
 Gas Type Electric hypo Other
 Erosion type Erosion rate _____ Chemical used _____
chlorine (mg/1 per gallon)

Other Equipment:

Deck area lights Quantity _____ Watts _____
Underwater lights . Quantity _____ Watts _____
Diving boards Quantity _____ Length _____
Ladders Quantity _____ Treads _____
Life guard chairs ... Quantity _____
Life line Quantity _____ Length _____
Floats _____
Ring buoy Quantity _____ Diam. _____
Length rope _____ ft.
Shepherds crook Quantity _____ Handle _____ ft.
Fill spout _____ Dia. _____ Air gap _____ in.
 Above deck Submerged ** none
Wall brush: Handles _____ length _____ ft.
Leaf skimmer: Handles _____ length _____ ft.

Test sets: Chlor. res. (mfg.) _____
Model _____
pH (mfg.) _____
Model _____
Cyanuric acid (mfg.) _____
Model _____

Vacuum cleaner: Head size _____ Hose size _____
Length _____ mfg. _____
 Portable
 Integral

Automatic cleaning equipment: yes no
mfg. _____

REMARKS:

Approved _____
ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Signed

CONTRACTOR / ENGINEER SIGNATURE

Date _____ Address _____ Date _____

ADEQ/OWWQM-147B (Rev. 1/2002)

** Hose bibb shall be protected against back siphonage with an atmospheric vacuum breaker.

** On make-up waterline the pressure vacuum breaker shall be installed a minimum of 12" above the level of coping.