

## Option Submittal Form

Contact Information (optional):

Keep my contact information private

Contact Name: _____	Title: _____
Affiliation: _____	
Address: _____	
Telephone: _____	E-mail Address: _____

Date Option Submitted: 12/27/2011

Option Name:

limit swimming pools, man-made lakes, water parks

Description of Option:

According to the City of Phoenix (1) 30 percent of the single family homes in Phoenix have pools, (2) evaporation accounts for about 40 to 60 percent of pool water usage in Phoenix, and (3) the mean annual evaporation rate in Phoenix is around 72 inches (6 feet). With global warming, it will just get worse. With more people moving into the state, it will just get worse.

Encourage the use of community swimming pools and do not allow construction of new swimming pools for single family homes. Create incentives for existing pools to be removed.

Do not allow the creation of man-made lakes or water parks.

**Location:** Describe location(s) where option could be implemented and other areas that the option would affect, if applicable. Attach a map, if applicable.

state-wide

**Quantity and Timing:** Roughly quantify the range of the potential amount of water that the option could provide over the next 50 years and in what timeframe that amount could be available. If option could be implemented in phases, include quantity estimates associated with each phase. If known, specify any important seasonal (e.g., more water could be available in winter) and/or frequency (e.g., more water could likely be available during above-average hydrologic years) considerations. If known, describe any key assumptions made in order to quantify the potential amount.

The average swimming pool holds about 20,000 gallons of water. Add to that the amount of water used due to evaporation, we have another 8-12,000 gallons. A newly constructed pool would use 28-32,000 gallons the first year. Existing pools would use 8-12,000 gallons per year. Multiply that times the number of swimming pools to get how much you would save just from swimming pools.

The same evaporation rates apply to man-made lakes and water parks.

## Additional Information

**Technical Feasibility:** Describe the maturity and feasibility of the concept/technology being proposed, and what research and/or technological development might first be needed.

n/a

**Costs:** Provide cost and funding information, if available, including capital, operations, maintenance, repair, replacement, and any other costs and sources of funds (e.g., public, private, or both public and private). Identify what is and is not included in the provided cost numbers and provide references used for cost justification. Methodologies for calculating unit costs (e.g., \$/acre-foot or \$/million gallons) vary widely; therefore, do not provide unit costs without also providing the assumed capital and annual costs for the option, and the methodology used to calculate unit costs.

None unless an incentive is created for people to remove existing swimming pools.

There would be a COST SAVINGS because we would not have to worry about policing pools with green water that attract mosquitoes which spread West Nile virus.

**Permitting:** List the permits and/or approvals required and status of any permits and/or approvals received.

would a permit be required to remove an existing swimming pool??

**Legal / Public Policy Considerations:** Describe legal/public policy considerations associated with the option. Describe any agreements necessary for implementation and any potential water rights issues, if known.

Stewardship of our natural resources should be a priority for everyone living here. We need to just say no to any new swimming pools, water parks, and man-made lakes.

**Implementation Risk / Uncertainty:** Describe any aspects of the option that involves risk or uncertainty related to implementing the option.

Political influence, and money talks. We can't afford to be bought out by special interest groups that are self-centered and not interested in the public good.

**Reliability:** Describe the anticipated reliability of the option and any known risks to supply or demand, such as: drought risk, water contamination risk, risk of infrastructure failure, etc.

Extremely reliable. Risks - none if implemented

Colorado River Basin Water Supply and Demand Study

**Water Quality:** Identify key water quality implications (salinity and other constituents) associated with the option in all of the locations the option may affect.

n/a
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**Energy Needs:** Describe, and quantify if known, the energy needs associated with the option. Include any energy required to obtain, treat, and deliver the water to the defined location at the defined quality.

Energy Required	Source(s) of Energy
n/a	n/a

**Hydroelectric Energy Generation:** Describe, and quantify if known, any anticipated increases or decreases in hydroelectric energy generation as a result of the option.

Location of Generation	Impact to Generation
n/a	n/a

**Recreation:** Describe any anticipated positive or negative effects on recreation.

Locations	Anticipate Benefits or Impacts
state-wide	most people do not like to be inconvenienced even if it is in the best interest

**Environment:** Describe any anticipated positive or negative effects on ecosystems within or outside of the Colorado River Basin.

Locations	Anticipated Benefits or Impacts
state-wide	more water

**Socioeconomics:** Describe anticipated positive or negative socioeconomic (social and economic factors) effects.

Pool companies, pool construction companies, pool maintenance companies would go out of business. However, there would be a COST SAVINGS because we would not have to worry about policing pools with green water that attract mosquitoes which spread West Nile virus. We would save man-power to police the neglected pools. There would be fewer mosquitoes to get rid of, saving money. We would have fewer cases of West Nile virus, saving money and our health.

**Other Information:** Provide other information as appropriate, including potential secondary benefits or considerations. Attach supporting documentation or references, if applicable.

none
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