

PART TWO

Where Does Sun Lakes HOA2 Get Its Water??

There are 2 Wells on property that pump ground-water to the Community. They are both owned by Pima Utilities.

- 1. Well #32:** on Alma School (roughly 1,245 Ac-ft/year)
This Well pumps ground water primarily to the lake at Cottonwood Golf Course hole 4/5 and is then transferred via a gravity equalization line to PV lake 9. It is then distributed to the Community plants and turf via the golf course pump stations at hole 4/5 CW and hole 9 PV. This includes the areas of the 5-Lakes, Swan Lake, Lake 12, Unit 20 and both golf courses.
- 2. Well #33:** on Howard at end of South Lake (roughly 115 Ac-ft/year)
This Well pumps ground water into the South Lake in the 5-Lakes area of the Community. It is transferred to Center Lake, then to West Lake and then finally to the lake at Cottonwood golf course hole 13/14 where it is distributed to other areas of the property via the golf course pump station.

The water from these two Wells is not intended for drinking. This water is not treated to the same level as potable drinking water. It's important to note that the ground water from Well 32 and Well 33 are not the same as 'effluent' water. Effluent water is defined as treated wastewater from sewage collection plants.

QUESTION - How will this reduction effect the SLHOA2 Community?

The average annual water usage for SLHOA2 during the past 20+ years has been roughly 1,350 Ac-ft / year. During the past 3yrs, Pima Utilities has delivered....

- 2020: 1,391.26 Ac-ft, 4.25" rain
- 2021: 1,252.05 Ac-ft, 8.52" rain
- 2022: 1,141.57 Ac-ft, 10.93" rain

Mother Nature always wins.....if the facility receives typical annual rainfalls for Phoenix, SLHOA2 will experience some heartburn but should be able to manage to the newly mandated allotment. ADWR has allowed for a 'sliding-scale' to carry over some of the unused allotment into the next year if the property experiences a 'wet-year' and provide some allowances for going over annual allotment if it is a 'dry-year'.

Managing water usage considering the new mandates will be a challenge. During the summer, the lakes may not be at normally expected levels. There will be an increase in challenges of turf conditions during certain times of the agronomic year, specifically during TRANSITION and again at Overseeding. There will be areas outside the fairways-greens-green complexes-tees will take even lower priority when considering nightly irrigation cycles resulting in less than desirable turf conditions.