

May 2021 Neighborhood Rep Update

LANDSCAPE MAINTENANCE

INSPECTIONS: We conduct inspections of all plant material and irrigation systems throughout the month. When we see patches of dry turf, we conduct an inspection to find out why. Many times, we find mechanical issues like a broken sprinkler head, nonoperating valve or the controller has stopped communicating via the cloud. Below is a picture of a sprinkler inspection completed on April 8th.



Common Area Water Management Report

Our ADWR water budget for April was 8.5 million gallons and we used 4.3 million. Year to date, we are 11.5 million gallons under our ADWR water allotment.

SCG Common Area Water Usage 2021							
Previous Year Usage (gal)	Previous Year Usage YTD (gal)	Date	USAGE (gal)	YTD Usage (gal)	ADWR Monthly Allotment	ADWR YTD Allotment	Usage Under Allotment
2020	2020	2021	2021	2021	2021	2021	2021
1,808,000	1,808,000	JAN	2,624,000	2,624,000	4,500,000	4,500,000	1,876,000
1,941,000	3,749,000	FEB	1,879,000	4,503,000	4,000,000	8,500,000	3,997,000
2,095,000	5,844,000	MAR	3,102,000	7,605,000	6,500,000	15,000,000	7,395,000
2,822,000	8,666,000	APR	4,316,000	11,921,000	8,500,000	23,500,000	11,579,000
8,833,000	17,499,000	MAY			19,000,000	42,500,000	
14,032,000	31,531,000	JUN			25,500,000	68,000,000	
15,785,000	47,316,000	JUL			26,000,000	94,000,000	
12,864,000	60,180,000	AUG			20,000,000	114,000,000	
12,477,000	72,657,000	SEP			16,000,000	130,000,000	
8,179,000	80,836,000	OCT			13,000,000	143,000,000	
7,146,000	87,982,000	NOV			15,000,000	158,000,000	
2,930,000	90,912,000	DEC			6,000,000	164,000,000	

Please note: **Under budget numbers are highlighted in Green.** **Over budget numbers are highlighted in Red.**

Cost per 1000 gallons: \$6.06

LAKE MEAD

Recently Lake Mead fell low enough to trigger some water restrictions for people who use Colorado River water. Our water is supplied by EPCOR through wells that they operate in and around Sun City Grand so there will be no impact to our drinking water. Besides EPCOR has banked in storage over 9-million-acre feet of water – that equals 3 trillion gallons of water. That is enough water to supply every home in Sun City Grand for 7,000 years.

Our golf courses receive their water from Maricopa Water District (MWD), which is a privately owned utility. MWD owns the water rights to the Aqua Fria river. They store their river water at Lake Pleasant. MWD also operates 50 wells. We do not receive any Colorado River water and therefore will not be affected by it.

What is the real concern? The State of Arizona must submit to the Federal government that it has a 100-year supply of water for the Federal government to approve new building development. If the Colorado River water is restricted, then the farmers that use that water will want to dig wells to feed their crops. Wells use groundwater and the State has mandated a reduction of groundwater removal to conserve it. Groundwater is the main source of our drinking water. The State of Arizona is in a pinch because if they let the farmers tap into the aquifer and now can't certify that we have a 100 year supply, all new home building comes to a halt.

MAINTAINED HOMES: Plants and new rock are going into the last 3 neighborhoods. We have the water to the new plants running every day. We also put the cages back on the plants because of the rabbits.

SONORAN TRAIL MAKEOVER: This summer we will be added several trees and many new shrubs on the Sonoran trail – along the wall bordering Bell rd.

DURANGO TRAIL ROCK: We have one last area to complete and some concrete to replace on the trail. Should have the this done by the end of this month.

REEMS TRAIL: I will be proposing a makeover of the Reems trail this month. We would like to replace the rusted metal grass edging with concrete curbing; bring in some rock (this has been approved); add some plants; and add soil amendments to the turf grass.

NEW PLANTS: We have installed over 50 new trees and hundreds of plants in various areas including the golf courses, common areas, and other areas.

PLAZA MAKEOVER: The makeover of the Village Plaza will begin in June and be finished by the end of October. Of course, those beautiful ficus trees and date palms will be staying but much of the plaza will have enhanced seating areas. I am working on a new irrigation design to replace the old poly in the plaza.

Conclusion of Report
Jim Kauth CLWM, CLIA