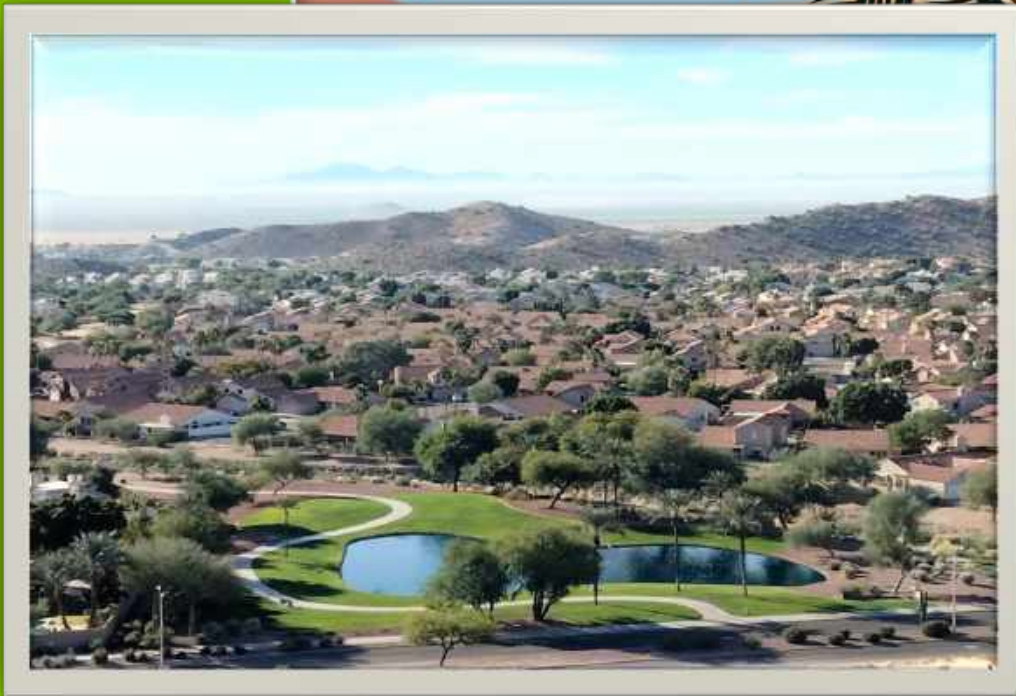




July 2023 Landscape Management Update



Mountain Park Ranch



Maintenance:

- General blowing and raking of the granite will be the focus through the next service cycles.
- We have also inspected numerous washes and they are all doing well since the last cleaning and basically no rain over the last 45 days.
- Turf, Trees and Plants have all had their water cycle times increased with summer now upon us.

Looking ahead:

- We had two incidents of some minor storm damage on 6/6 & 6/12. See page # 5 for update.
- Date Palms will be trimmed later this month at all Rec. Centers and Monuments that have them. **Completed, see page # 6 for update.**
- Turf Management program is in full swing with Aeration to all turf, irrigation system checks and application of our custom blended fertilizer with soil amendments and wetting agents. **Completed See page # 7 for update.**
- We have had 3 WO over the last month for tree clearance and clean up.
- We have been seeing more mainline breaks recently with the additional water run times.

Water Management:

- The 2023 year is trending amazingly, we are **\$36K** below budget for the year and more importantly we are **\$27K** below for the same period in 2022. See page # 8 for usage update. **The Usage will be updated with July's report.**

Homes: 6000 - Plus Commercial Locations
 Residents: Over 20,000
 Granite: 35 acres
 Turf: 17 acres
 Trees: 2667
 Irrigation Controllers: 63
 Irrigation Valves: 784
 Sprinkler Heads: 1,460
 Backflows: 63
 Value of Common Area Landscape **\$18,530,000**



Mountain Park Ranch

General Maintenance



Mountain Park Ranch
General Maintenance



Mountain Park Ranch
General Maintenance



Mountain Park Ranch Clean Up 6/7/23



Tree damage from evening of June 11th



Date Palm Trimming has taken place and all 107 Date Palms have been trimmed



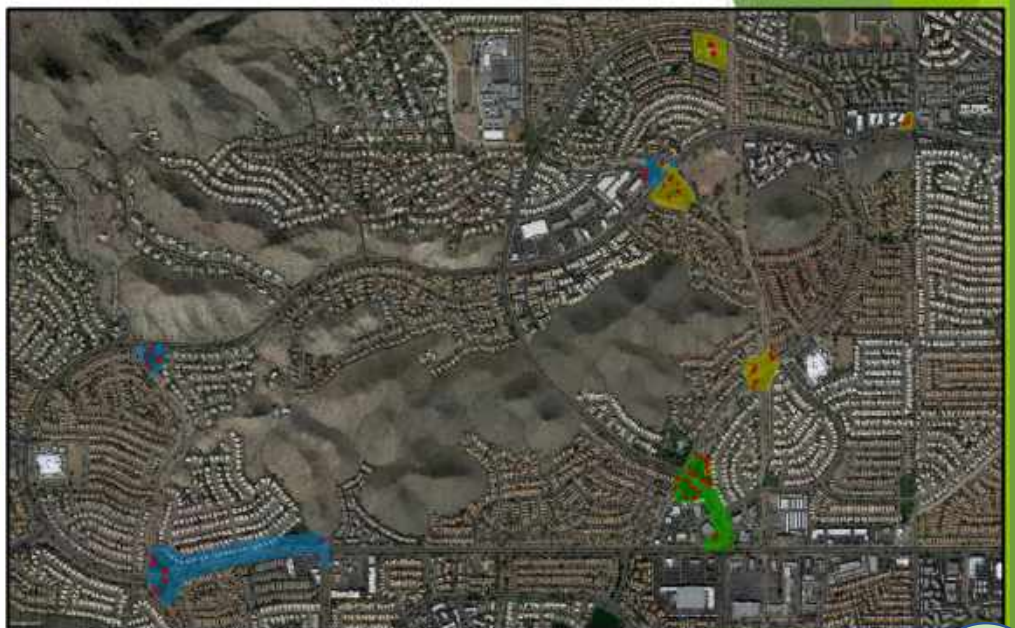
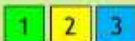
Mountain Park Ranch
Palms 2023

Goal: 3 Days

Address:
3968 E White Aster St
Phoenix, AZ 85044

Trees:
Date Palms

Daily Cycler:





Mountain Park Ranch Homeowners Association
Turf Management

ProQual Turf Management Program												
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
Granular Fertilization - Balanced Fertilizer						Included					Included	
Specialty Spray - Foliar Fertilizer	Included	Included	Included	Included	Included		Included	Included				Included
Weed Control (Turf)	Included						Included					
Aeration of turf					Included							
Soil Amendment Application					Included		Included	Included				
Premium Organic Nutrients					Included		Included	Included				

The summer turf program has been completed and now we are closely watching for any voids in irrigation coverage and proper color for summer turf. Another application of fertilizer will be applied later in June.





Mountain Park Ranch Maintenance Update / Water Monitoring

2023 WATER MANAGEMENT WORKSHEET

	SQ FOOTAGE	AREA	DENSITY	ACREAGE	COST PER KGALS	
TURF SF	740,920	45.3%	100%	17.8		
PLANT SF	822,990	54.7%	20%	20.8		
TOTAL AREA	1,563,910		TOTAL	27.6		

MONTH	Turf Budget		Plants Budget		Total Budgeted		Actual Usage	
	WATER BUDGET (KGAL)	COST PER MONTH	WATER BUDGET (KGAL)	COST PER MONTH	WATER BUDGET (KGAL)	WATER BUDGET	ACTUAL KGAL	ACTUAL COST
JANUARY	1,427.8	\$12,624.28	810.8	\$154.12	1,856.7	\$12,776.28	1638	\$9,581.88
FEBRUARY	1,782.4	\$15,038.42	843.8	\$191.16	2,426.9	\$15,842.58	1521	\$9,942.78
MARCH	3,141.0	\$27,878.72	1,133.4	\$332.00	4,274.4	\$27,815.01	2214	\$14,242.05
APRIL	3,795.5	\$32,873.24	1,090.8	\$499.04	5,236.4	\$33,442.88	3350	\$19,570.55
MAY	4,813.4	\$42,201.48	2,532.8	\$752.42	7,346.2	\$43,013.09	0	\$0.00
JUNE	5,183.8	\$45,512.38	2,727.8	\$815.30	7,911.3	\$46,322.86	0	\$0.00
JULY	4,860.3	\$42,725.80	2,900.0	\$700.00	7,426.9	\$43,466.57	0	\$0.00
AUGUST	4,204.4	\$37,617.36	2,254.8	\$600.74	6,536.9	\$39,287.00	0	\$0.00
SEPTEMBER	3,543.9	\$31,115.08	1,481.9	\$443.18	5,035.8	\$31,558.70	0	\$0.00
OCTOBER	2,891.2	\$25,736.16	1,057.7	\$314.20	3,988.9	\$26,050.35	0	\$0.00
NOVEMBER	2,002.9	\$17,585.73	832.4	\$187.86	2,836.3	\$17,773.59	0	\$0.00
DECEMBER	1,389.4	\$12,188.46	498.1	\$133.31	1,828.9	\$12,328.88	0	\$0.00
ANNUAL TOTAL	39,133.8	\$343,587.35	17,572.7	\$5,229.29	56,705.7	\$348,807.65	8733	\$ 53,017.36



Mountain Park Ranch HOA

Tracking

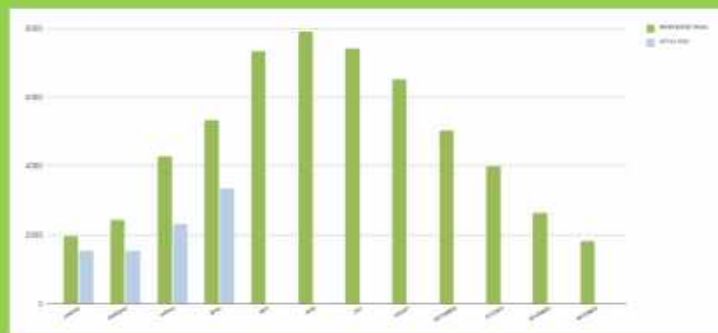
DOLLAR TO BUDGET	% TO BUDGET
\$ (9,214.40)	75%
\$ (6,306.80)	60%
\$ (13,872.96)	55%
\$ (13,872.33)	59%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ (36,968.50)	15%

YOY TOTAL (KGALS)

2020	2021	2022	2023
887	888	2015	1608
1,909	1,423	2234	1931
1,235	3,881	3045	2314
2,090	5,548	3188	3290
2,712	4,814	7063	0
8,000	8,421	8338	0
8,818	4,738	8188	0
8,718	1,481	4329	0
8,820	2,552	3029	0
2,862	8,881	4845	0
3,362	4,931	6223	0
7,181	1,488	1778	0
47,683	49,839	88873	8733

RAINFALL

2020	2021	2022	2023
0.19	0.68	0.22	1.53
0.24	0.60	0.28	0.24
0.91	0.37	0.13	
0.94	0.01	0.00	
0.50	0.00	0.00	
0.50	0.17	0.33	
0.70	1.72	3.21	
0.90	1.64	0.86	
0.50	0.76	0.79	
1.05	0.20	0.88	
0.05	0.00	0.04	
0.48	1.57	2.08	
0.97	7.11	0.78	1.41



YTD TO BUDGET	YOY DIFF vs 2018
-\$36,968.50	\$ 53,017.36



YTD TO BUDGET	YOY DIFF vs 2018
-\$36,968.50	\$ 53,017.36

*BUDGET BASED ON IMPLEMENTING A LANDSCAPE WATER MANAGEMENT PLAN AND TECHNOLOGY
**AVERAGE RAINFALL IS BASED ON ANNUALLY

The data above will be updated with next months report.
 This month's graph indicates the adjustment the controllers are making based on collected weather data at each controller location, raising and reducing the run times daily.
 This ability is a great tool for ProQual to better manage the water usage and acting responsible for the community but also adjusting for proper Turf, Tree and Plant health with increased summer temperatures.



