



August 2022 Landscape Management Update



Mountain Park Ranch



Maintenance:

- This month stayed the same with all the rain events we have focused on tree debris and cleaning washes.
 - See Page # 2, 3 & 4 for wash locations and pictures.
- Water management is being closely monitored and we did have a few
- Mainline breaks this last month and they were all repaired.
- Work Orders: Only 4 WO this month all completed within 7 days of receiving them.
- Plant and shrub management: Sustainable cuts will began again late next month starting with the Petite Oleanders throughout the community
- We did have some storm damage over the last month. Some was minimal and was taken care of by the daily crews. Some was pretty significant and was cleaned up on 8/2, 8/3 & 8/4. See Page # 5 f



The Federal Government will be forcing Arizona to move to a stage 2 water alert. This could have an outcome on our water usage and allotments. The Federal Government issued a statement this week That Arizona will need to reduce its water usage by 21% of it's allocation from the Central Arizona Project "CAP". This will have an affect on HOA water usages across the state. More to follow the last Qtr. Of 2022 in preparation for the 2023 calendar year.

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
 Valve of Common Area Landscape **\$18,530,000**



Mountain Park Ranch

Maintenance Update / Storm Clean up



General cleaning and after storms, the crew works hard on cleaning after these storm events and does as much work as possible to prevent the Arbor Department from having to perform emergency services.

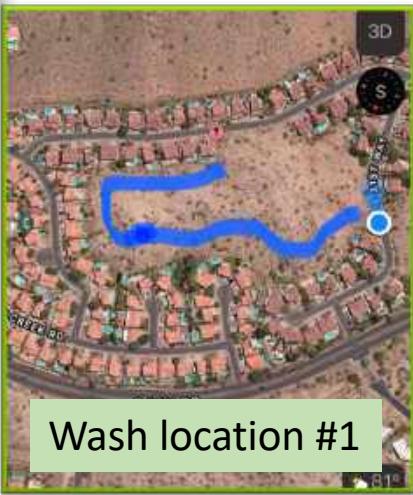
Mountain Park Ranch

Maintenance Update / Wash Cleaning

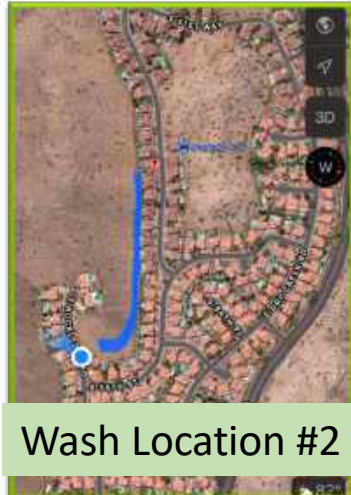


The area in the rear of these homes has a slight backwards slope and we are checking it weekly to make sure that the water from rain events and standing water is removed to prevent the water from becoming stagnant or overrun by Mosquito's.

The last 30 days we have spent a majority of the non maintenance time cleaning the washes. Staying on top of them after the rain events



Wash location #1



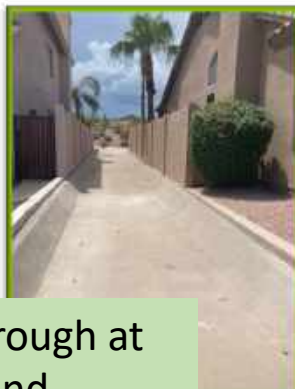
Wash Location #2



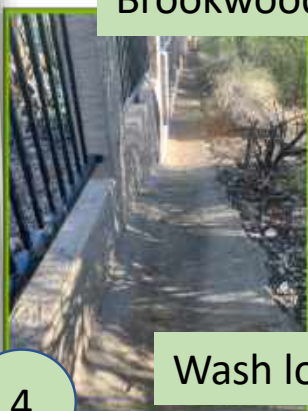
Wash Location #3



Wash pass through at
S. 27th Place and
Brookwood Ct.



Wash Location #2



Wash location #1



Wash Location #3



On August 2nd, 3rd & 4th we had the Arbor Team on site cleaning misc. Storm damage from the previous week. MPR has been lucky this Monsoon Season and has avoided storm damage until the last couple storms that have through.

Mountain Park Ranch
Clean Up 8/2/22 -8/4/22

Address:
15216 E Ranch Cir S
Phoenix, AZ 85044

Key:

-  Tree Removal
-  Branches
-  Removal/Root-ball
-  Dead Tree Removal
-  Down Saguaro





Mountain Park Ranch

Maintenance Update / Water Monitoring

2022 WATER MANAGEMENT WORKSHEET

	SQ FOOTAGE	AREA	DENSITY	ACREAGE	COST PER KGALS
TURF SF	740,523	45.3%	100%	17.0	\$8.76
PLANT SF	862,983	51.7%	20%	20.5	
TOTAL AREA	1,603,506	TOTAL		37.5	

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 KOAL	ACTUAL COST
JANUARY	1,437.8	\$12,824.26	618.8	\$154.12	1,856.7	\$12,778.38	2075	\$11,202.84
FEBRUARY	1,783.4	\$15,886.42	643.5	\$191.16	2,426.9	\$15,849.58	2234	\$12,165.97
MARCH	3,141.0	\$27,578.32	1,133.4	\$336.89	4,274.4	\$27,915.01	3045	\$17,671.26
APRIL	3,785.5	\$32,973.24	1,569.9	\$489.64	5,355.4	\$33,442.68	5158	\$26,438.97
MAY	4,813.4	\$42,261.48	2,532.8	\$792.42	7,346.2	\$43,013.89	7060	\$49,365.89
JUNE	5,183.6	\$45,512.36	2,727.8	\$810.30	7,911.3	\$46,322.66	8330	\$47,443.68
JULY	4,866.3	\$42,725.89	2,580.6	\$780.69	7,426.9	\$43,486.57	5766	\$33,255.09
AUGUST	4,284.4	\$37,617.36	2,254.5	\$689.74	6,538.9	\$38,287.09	0	\$0.00
SEPTEMBER	3,543.9	\$31,115.59	1,491.9	\$443.18	5,035.8	\$31,558.78	0	\$0.00
OCTOBER	2,931.2	\$26,736.16	1,067.7	\$314.20	3,988.9	\$26,050.35	0	\$0.00
NOVEMBER	2,002.9	\$17,585.73	832.4	\$187.86	2,835.3	\$17,773.52	0	\$0.00
DECEMBER	1,389.4	\$12,186.66	436.7	\$130.31	1,826.0	\$12,328.66	0	\$0.00
ANNUAL TOTAL	39,133.8	\$343,587.35	17,572.7	\$5,220.29	56,706.7	\$348,807.65	33672	\$ 196,633.70

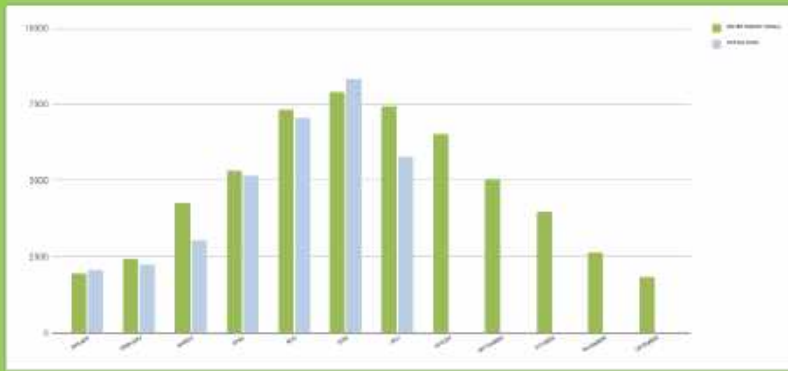


Mountain Park Ranch HOA

YOY TOTAL (KGAL)				RAINFALL			
2019	2020	2021	2022	2019	2020	2021	2022
0	449	988	3079	0.74	0.10	0.98	0.12
0	1,118	1,422	2284	1.79	1.24	0.00	0.28
0	723	3661	3049	0.55	0.51	0.37	0.15
0	1,474	9549	5190	0.09	0.08	0.01	0.00
0	2,507	8074	7093	0.10	0.00	0.00	0.00
0	1,884	9421	8230	0.00	0.00	0.17	0.33
0	3,314	4738	5766	0.17	0.19	1.70	0.21
0	1,807	3457	0	0.04	0.00	1.54	
0	1,032	2552	0	0.25	0.00	0.76	
0	2,581	8951	0	0.00	0.00	0.30	
0	2,868	4601	0	1.55	0.00	0.00	
0	5,848	1465	0	0.70	0.45	1.83	
0	38,707	48831	13672	6.18	3.97	7.11	1.68

Tracking

DOLLAR TO BUDGET	% TO BUDGET
\$ (1,485.54)	88%
\$ (3,683.61)	77%
\$ (16,243.75)	63%
\$ (5,003.91)	85%
\$ (2,648.00)	94%
\$ 1,121.02	102%
\$ (16,231.48)	76%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ -	0%
\$ (32,175.28)	55%



YTD TO BUDGET	YOY DIFF +/- 2018
-\$32,175.28	\$ 190,633.70



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-\$32,175.28	\$ 190,633.70

*BUDGET BASED ON IMPLEMENTING A LANDSCAPE WATER WATER MANAGEMENT PLAN AND TECHNOLOGY
 **AVERAGE RAINFALL IS BASED ON 4" ANNUALLY

Water management continues to prove well with the investment of the Smart Controllers. Currently we are 2/3rds through the year, and we have only used 55% of of our needed budget. ProQual will continue to be as proactive as possible when conserving water all along ensuring a good quality product for the homeowners of MPR.



Controllers are self adjusting after all the great rain events we have been experiencing.

