



February 2021 Landscape Management Update



Mountain Park Ranch





Mountain Park Ranch

Maintenance Update

Maintenance

- The SLM cutbacks are continuing, and we have completed Dave's Wash, Chandler Blvd. from 40th St. west to Mountain Canyon Condos. 32nd south of Chandler to Frye Rd., Frye Rd. west to 30th St., 30th St. north to Mountain Vista Rd. and Mountain Vista Rd. east to 32nd.
- Porter services, we have gone back to having 2 Porters service the community. One Porter was just not covering enough ground each week.
- Work Orders: We only had 6 this month, all but 1 has been closed and the last one will be closed this week when the Arbor Department takes care of tree trimming issue. Spray Division applied post emergent herbicide to the entire community where needed (40 gallons).
- Rye turf: Applied an application of Micro & Micronutrients was applied along with a surfactant and turf pigment dye to darken the color and also help increase warmth for improved growth by darkening the color of the turf.

Irrigation. Water Management and Enhancements

- Turf is watering 3 to 4 days per week based on Weathermatic auto adjustments.
- Irrigation Clocks adjust each day, based on temperatures and needs on the plants.

Irrigation Repairs

Irrigation tech working fulltime at Mountain Park Ranch , no major concerns were detected other than the high amount of bubbler system leaks.

Mountain Park Ranch

Wash clearing and cleaning areas for the month of January 2021





Mountain Park Ranch

Maintenance Update

Bar graph below indicates run times for all controllers on the property, you can see that controllers are self adjusting based on the weather data that was collected during the rain we received during the last week of January. This results in savings of not only water but also on the water budget for the 2021 year. We will be looking to increase plant and tree water times as the weather begins to change to warmer temperatures.



2021 WATER MANAGEMENT WORKSHEET

	SQ FOOTAGE	AREA	DENSITY	ACREAGE	COST PER KGALS	
TURF SF	740,520	46.3%	100%	17.0	\$6.87	
PLANT SF	892,980	54.7%	20%	20.5		
TOTAL AREA	1,633,500		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 KGAL	ACTUAL COST
JANUARY	1,437.8	\$6,440.14	618.8	\$154.12	1,956.7	\$8,594.26	0	\$0.00
FEBRUARY	1,783.4	\$10,468.67	643.5	\$191.16	2,426.9	\$10,659.83	0	\$0.00
MARCH	3,141.0	\$18,437.90	1,133.4	\$336.60	4,274.4	\$18,774.50	0	\$0.00
APRIL	3,786.5	\$22,044.75	1,590.9	\$489.64	5,376.4	\$22,514.39	0	\$0.00
MAY	4,813.4	\$28,254.54	2,532.6	\$752.42	7,346.2	\$29,006.96	0	\$0.00
JUNE	5,183.0	\$30,427.97	2,727.0	\$810.30	7,910.3	\$31,238.26	0	\$0.00
JULY	4,866.3	\$28,065.03	2,560.6	\$760.69	7,426.9	\$29,325.72	0	\$0.00
AUGUST	4,284.4	\$25,149.65	2,254.5	\$689.74	6,538.9	\$25,819.38	0	\$0.00
SEPTEMBER	3,543.9	\$20,802.79	1,491.9	\$443.16	5,035.8	\$21,245.95	0	\$0.00
OCTOBER	2,931.2	\$17,206.29	1,057.7	\$314.20	3,988.9	\$17,520.49	0	\$0.00
NOVEMBER	2,002.0	\$11,757.20	632.4	\$187.86	2,634.4	\$11,845.06	0	\$0.00
DECEMBER	1,389.4	\$8,155.52	436.7	\$130.31	1,826.1	\$7,825.21	0	\$0.00
ANNUAL TOTAL	39,133.0	\$229,710.45	17,572.7	\$5,270.00	56,705.7	\$234,980.45	0	\$0.00



Mountain Park Ranch HOA

YR	YR TOTAL (KGALS)			RAINFALL			
	2018	2019	2020	2018	2019	2020	2021
2018	443	0	0	5.21	0.74	0.19	0.68
2019	1115	0	0	5.32	1.79	1.34	0.68
2020	723	0	0	5.04	0.05	0.91	0.68
2021	1474	0	0	5.06	0.09	0.68	0.68

2021 Budget will be updated once we receive the water bills



YTD TO BUDGET	YOY DIFF +/- 2018
\$0.00	\$ -

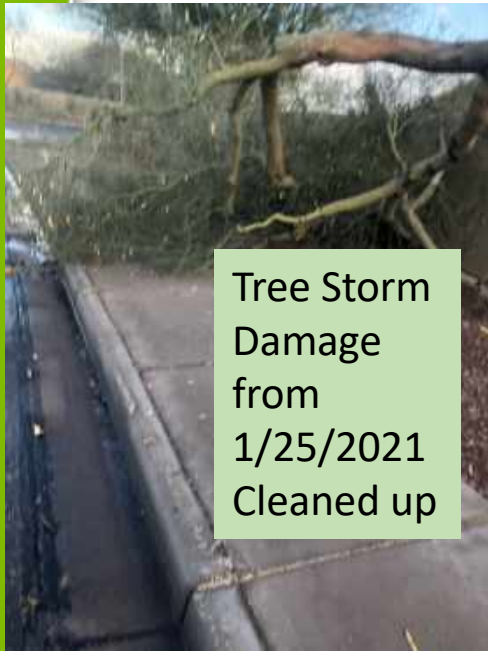
Historical Annual Totals	
2018	\$ 289,405.00
2019	\$ -
2020	\$ 175,498.26
2021	\$ -



*BUDGET BASED ON IMPLEMENTING A LANDSCAPE WATER MANAGEMENT PLAN AND TECHNOLOGY
 **AVERAGE RAINFALL IS BASED ON 6" ANNUALLY



Mountain Park Ranch Maintenance Update



Tree Storm
Damage
from
1/25/2021
Cleaned up



Cleaned walkways along north 32nd street
from generated WO 1/29/2021

Tree Trim and removals came from generated WO completed this month



Mountain Park Ranch – Dead Palo Verde Removal & Rec #1 Tree Trim 2/12/21