



RMC Monthly Report

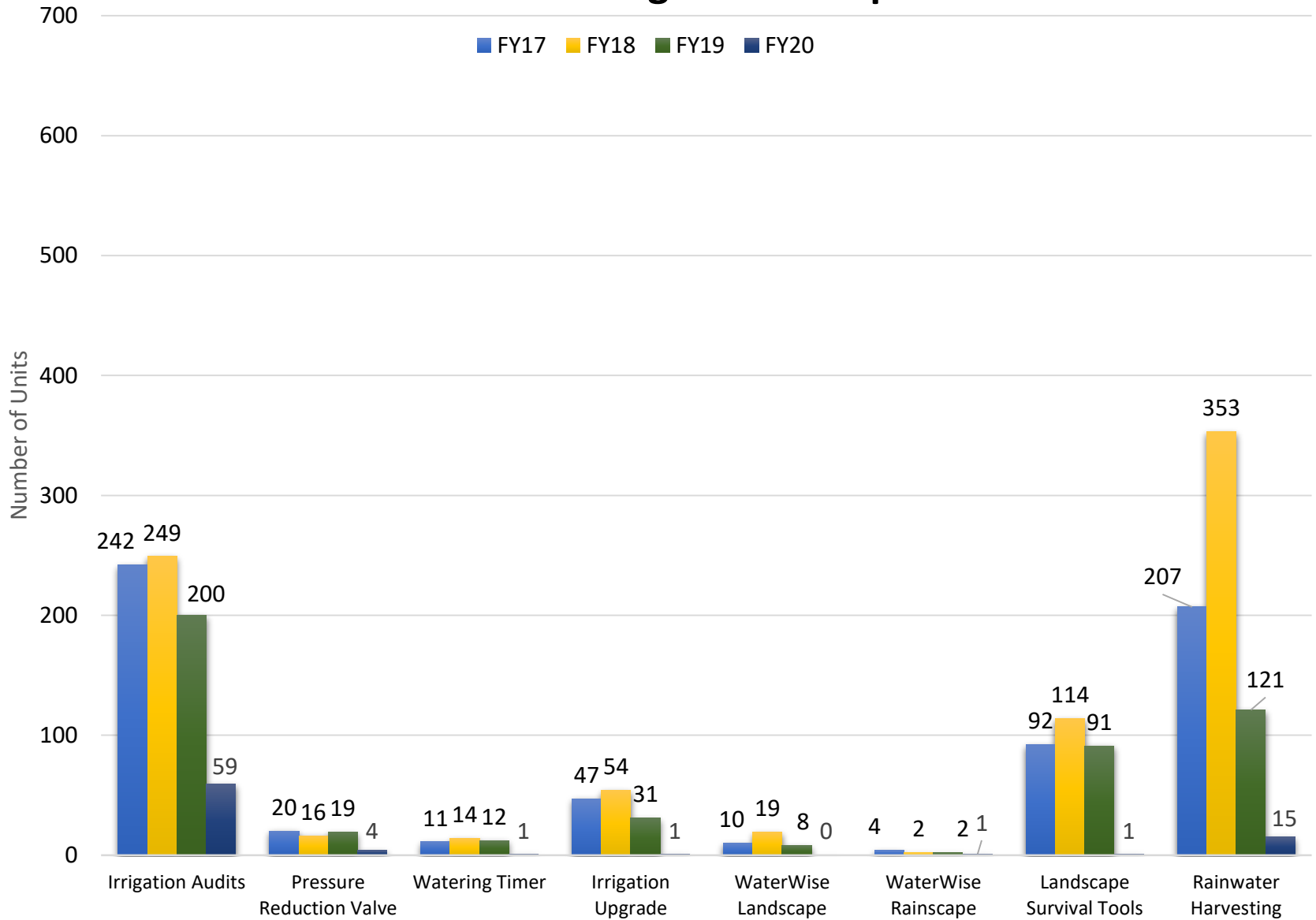
October 2019

FY 20

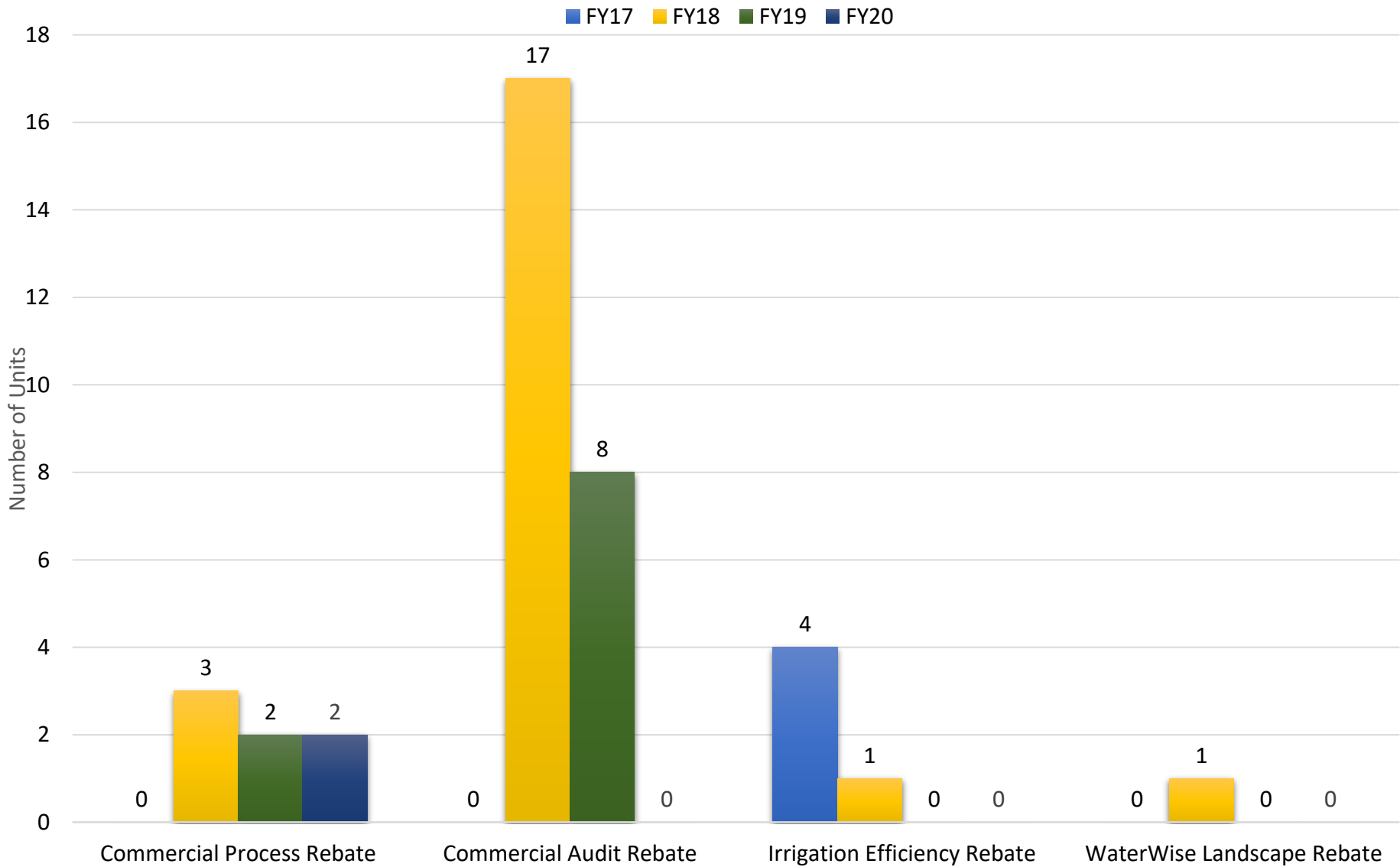
Mark Jordan
Water Conservation Division
City of Austin | Austin Water



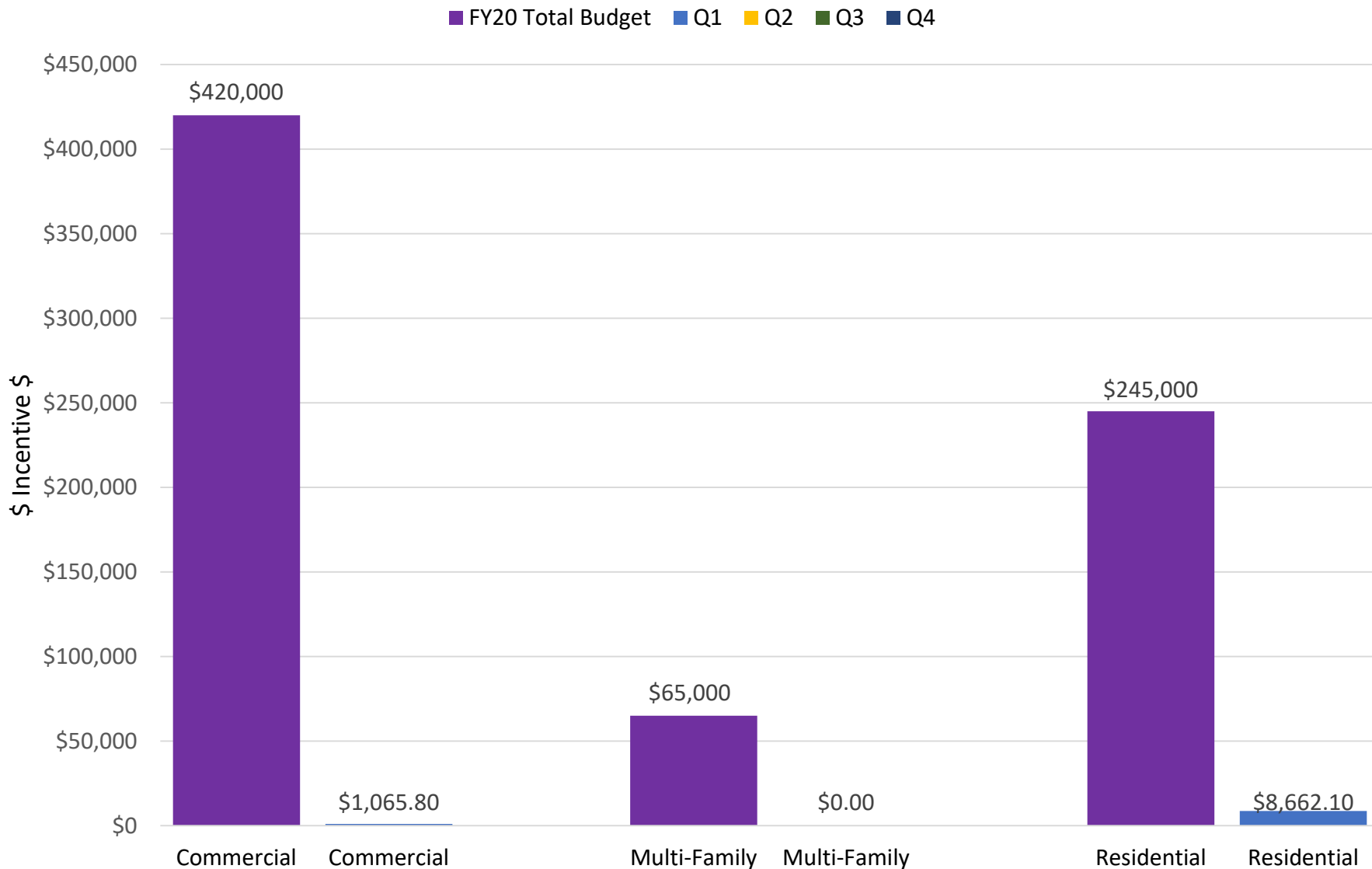
Residential Program Participation



Commercial & Multifamily Program Participation

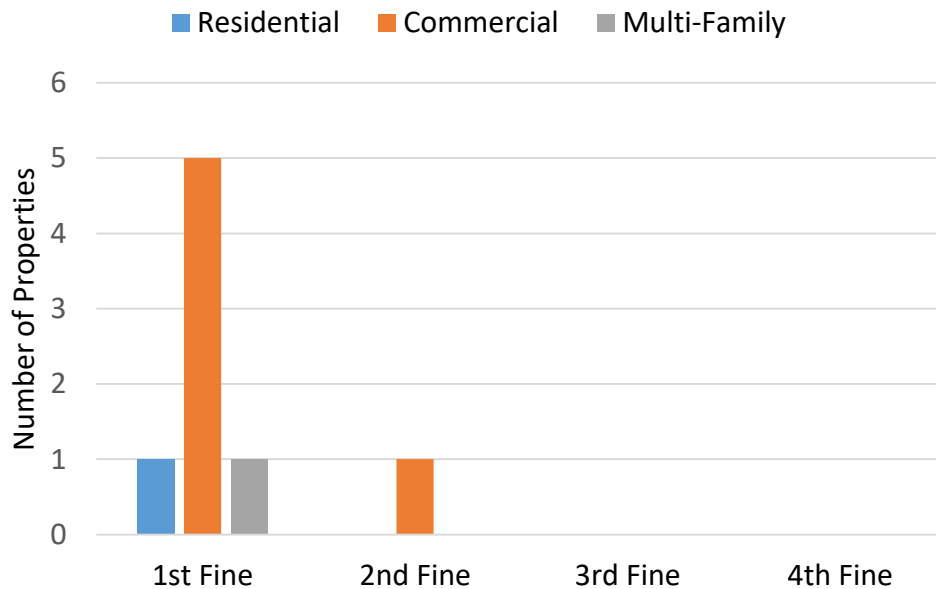


Rebates and Incentives Budget, FY20 YTD



Water Waste Enforcement Activity

FY20 YTD Assessed Violations

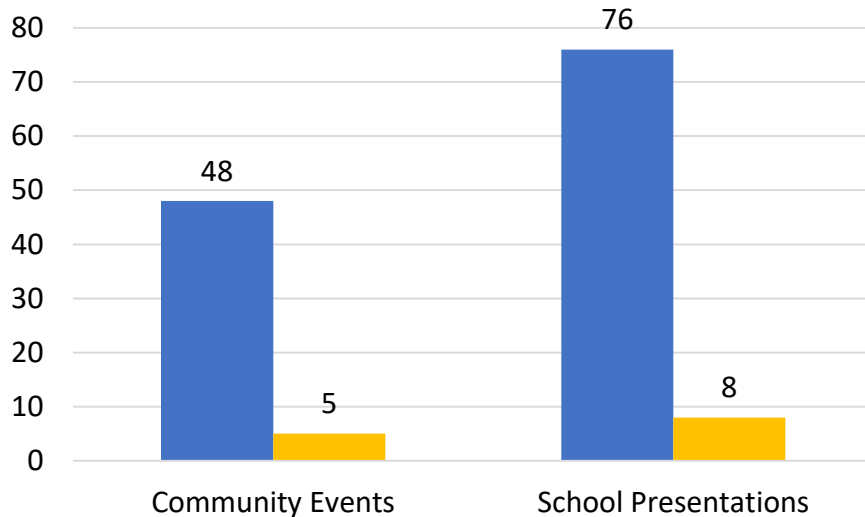


- 72 warnings
- 7 properties fined
- 0 appeals filed
- 0 appeals overturned

- Violations assessed only after a warning is issued
 - Citizen reports generate a postcard alert
 - Fines on water bills

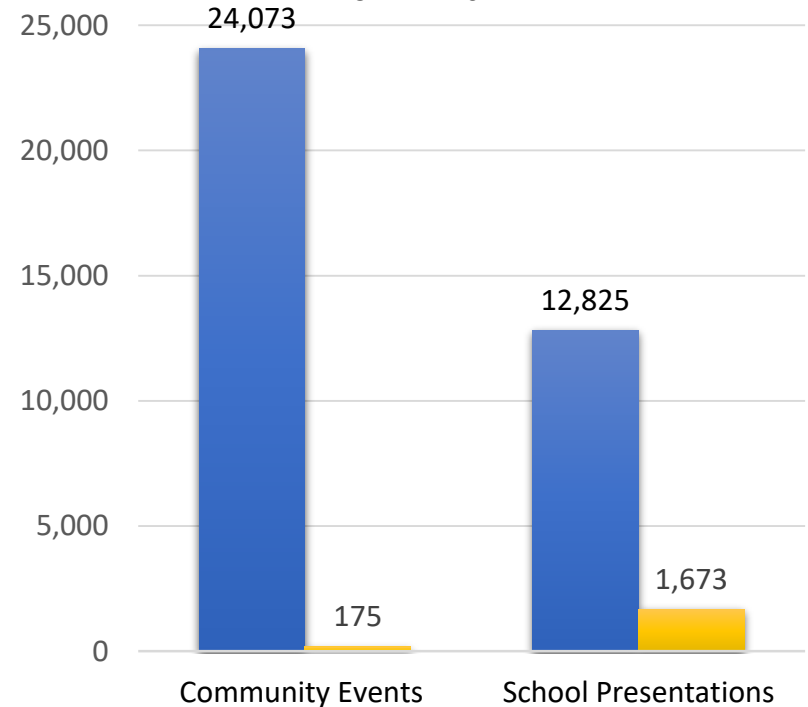
Public Outreach Activity Number of Events

FY19 FY20

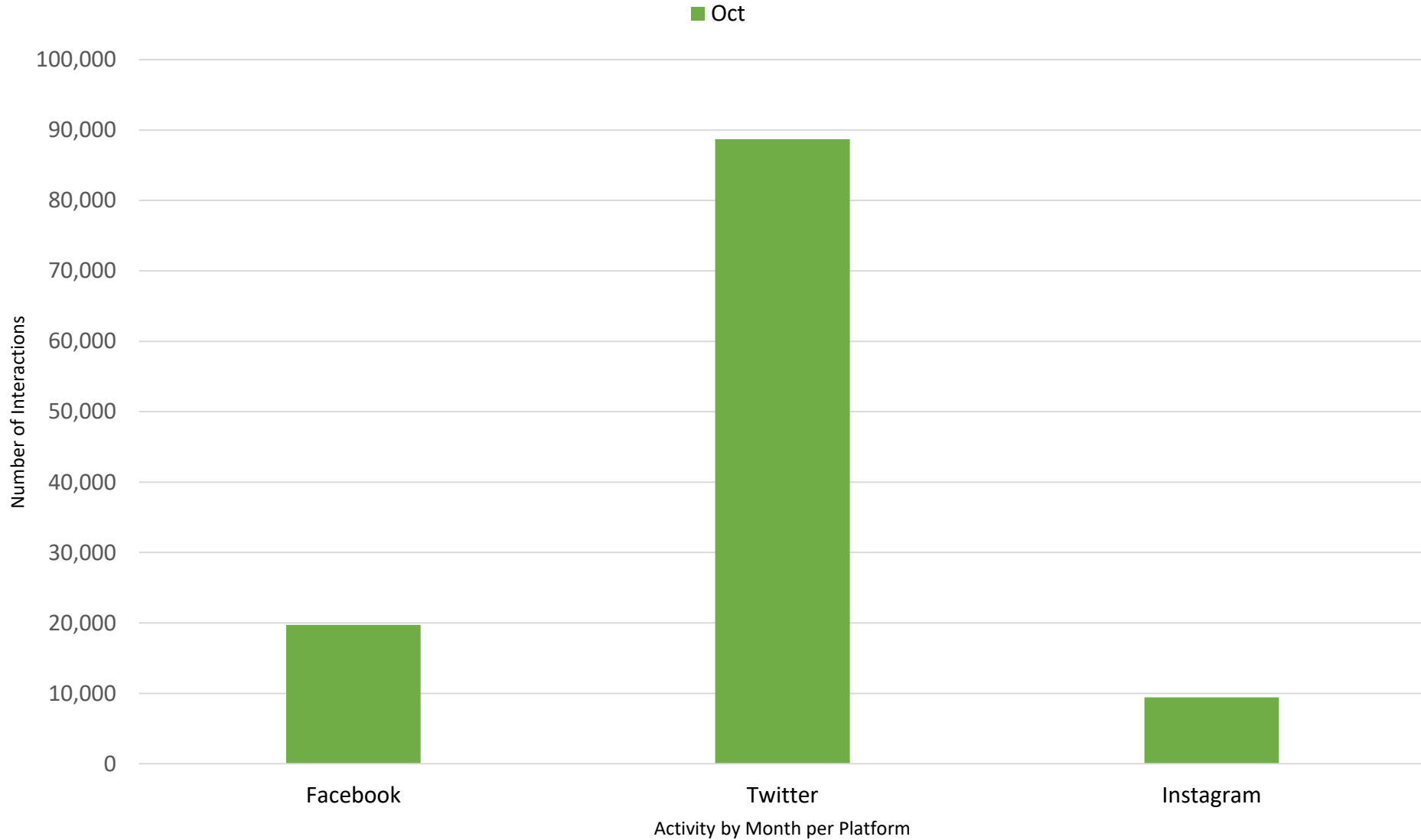


Public Outreach Activity Populations Reached

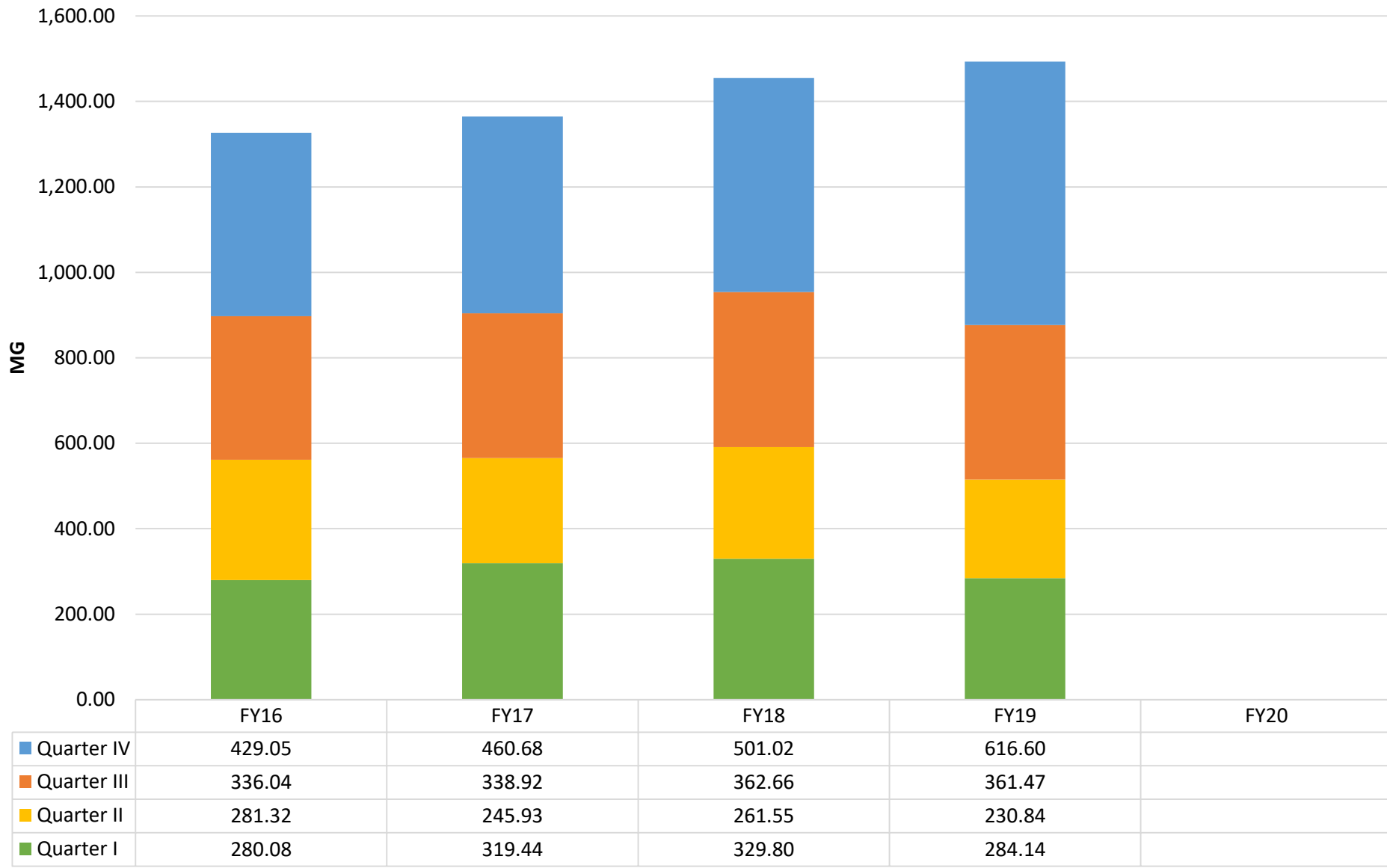
FY19 FY20



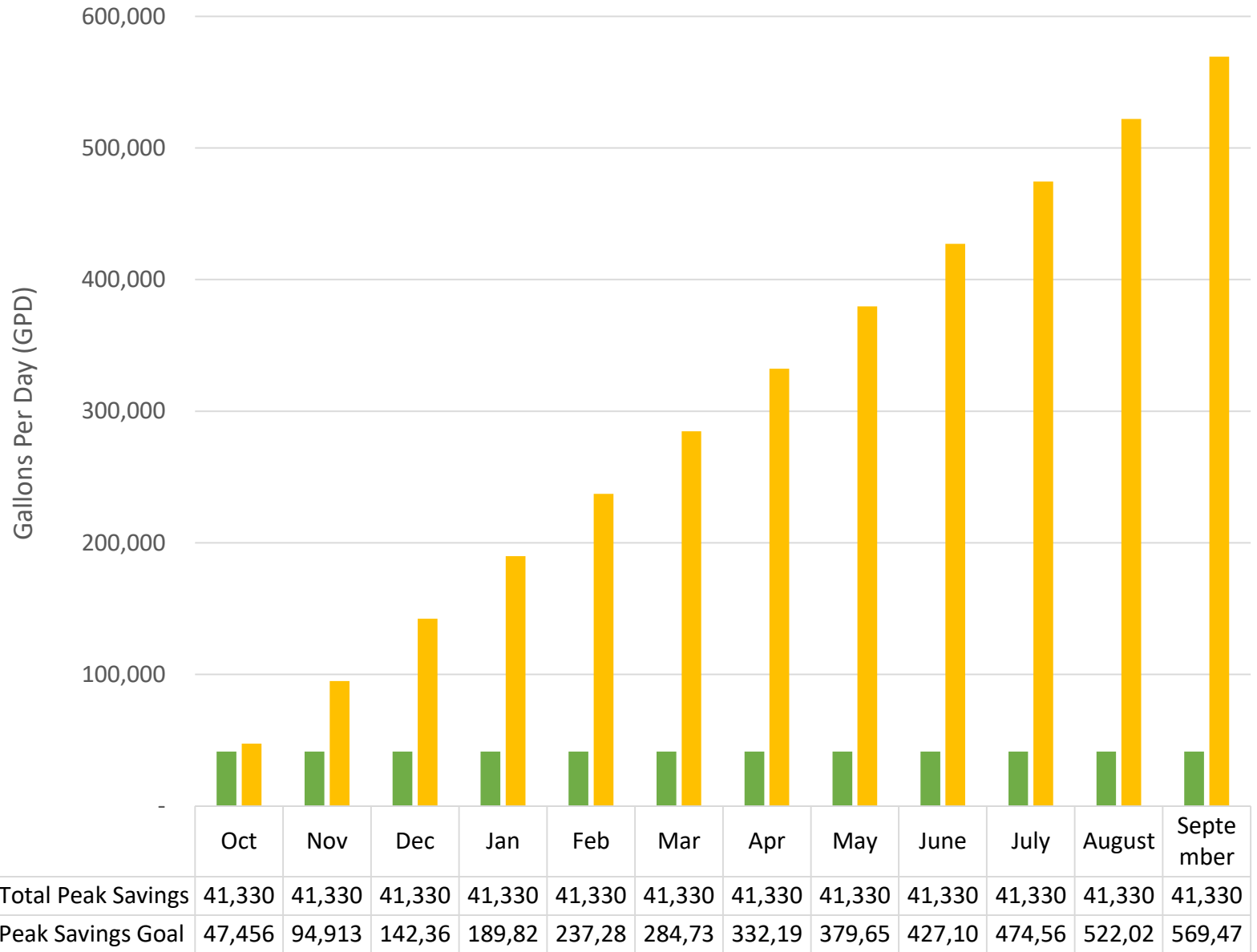
Social Media Activity, FY20



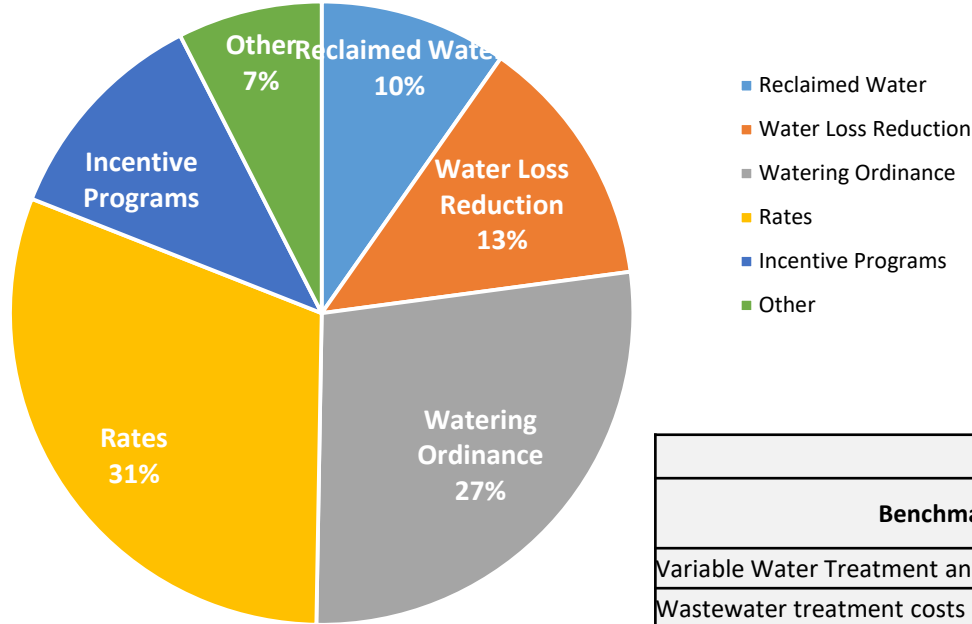
Reclaimed Water



Cumulative Total Peak Water Savings, Gallons Per Day (GPD)



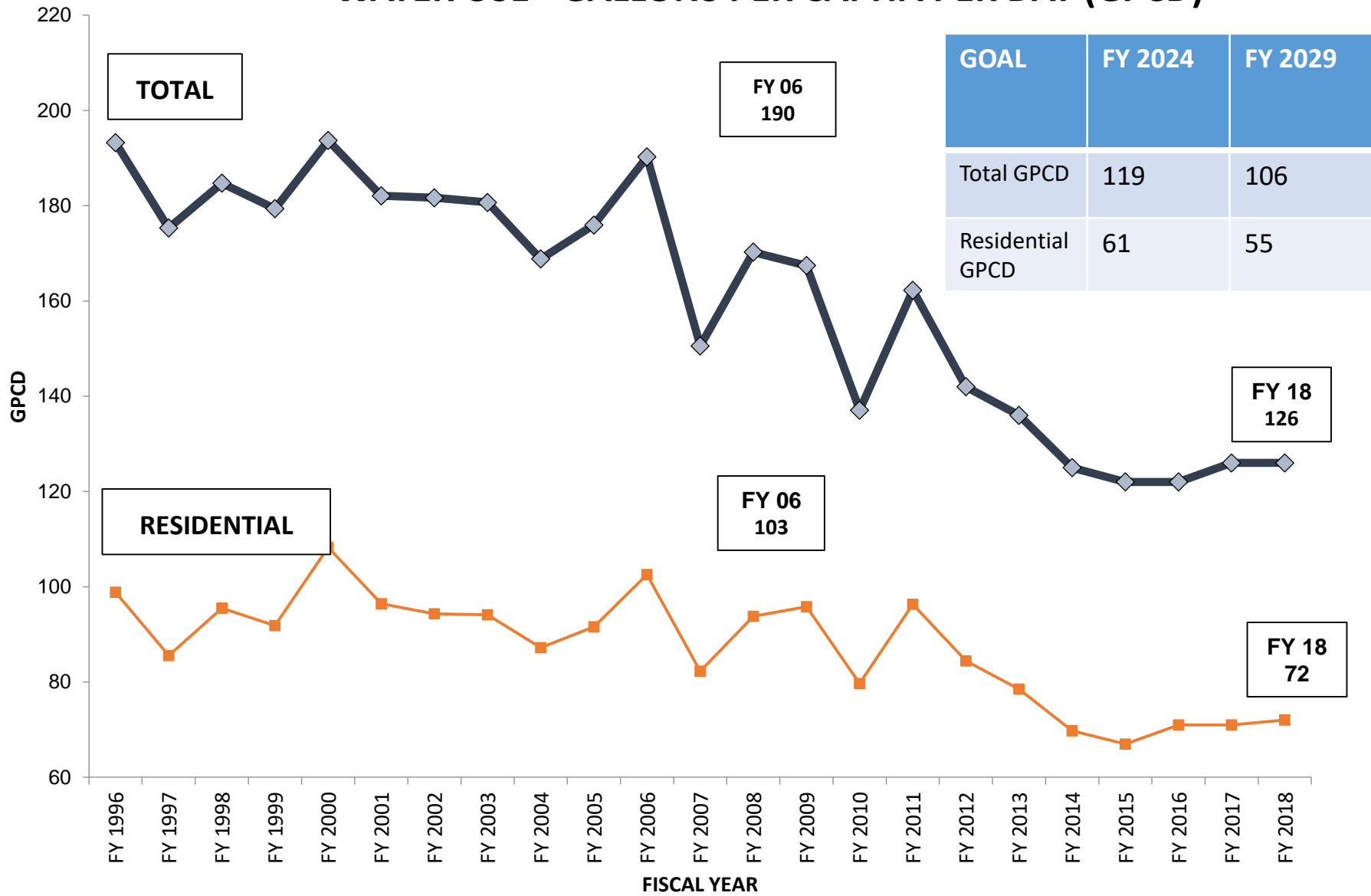
Total Cumulative Water Savings Projected for FY 2019



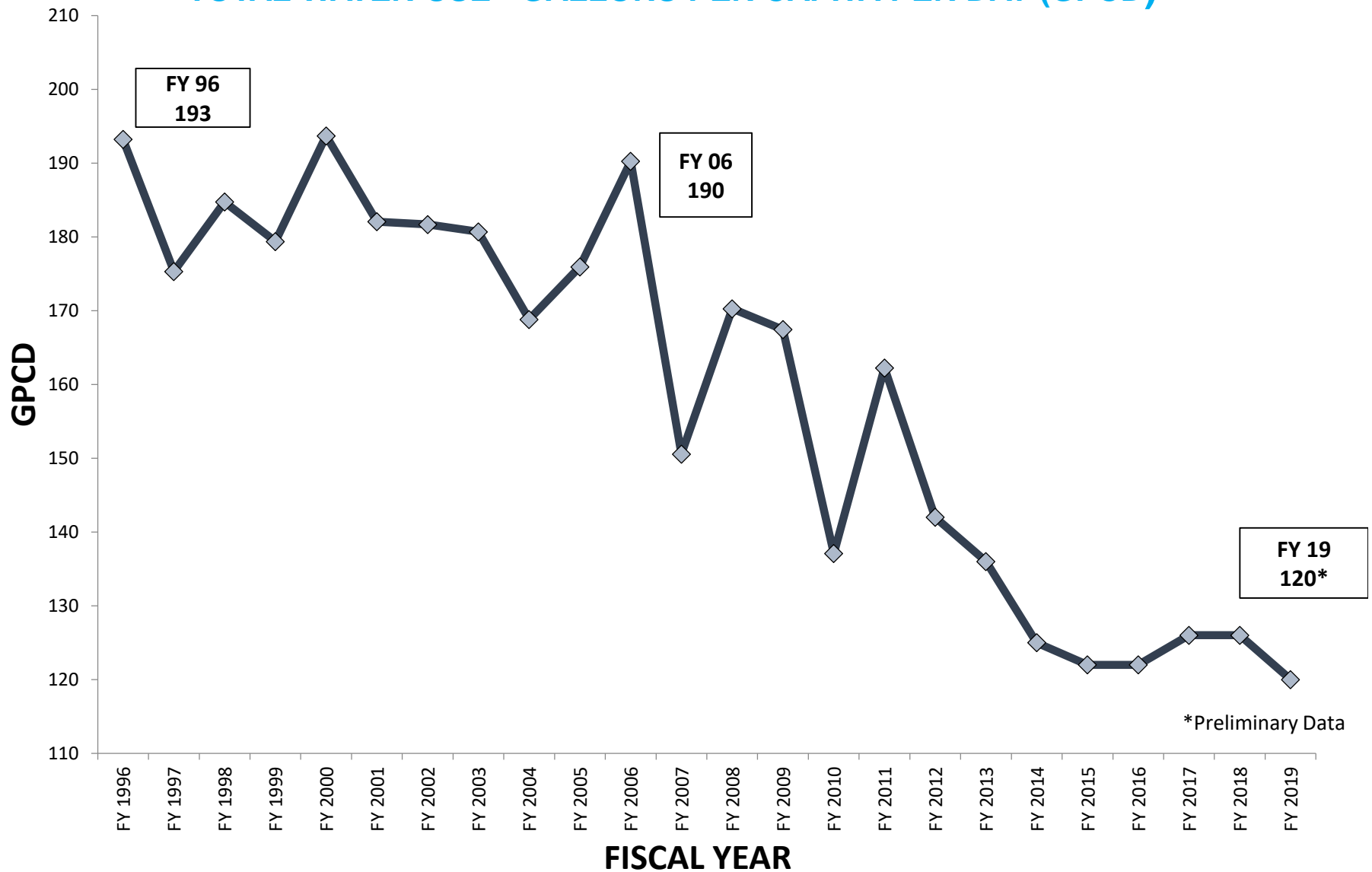
COST BENCHMARKS		
Benchmark	Peak \$/1,000 gallons	Average \$/1,000 gallons
Variable Water Treatment and Distribution Costs	\$0.46	\$0.46
Wastewater treatment costs	\$0.26	\$0.26
Treatment expansion	\$3.75	N/A
Avoided LCRA Payments	\$1.12	\$1.12

Activity	Unit	Projected Peak Unit Savings, GPD	Projected Average Unit Savings, GPD	Projected Lifetime of Savings, years	Cost per Unit, if applicable	Program Participation				Peak Reduction, gallons per day		Average Savings, GPCD		Lifetime Savings per Unit, thousand gallons	Cost of Savings		FY19 Rebate Amounts	
						FY19 Goal	FY19 To Date	Prior Year FY18	Prior Year FY18 To Date	Peak Savings Goal FY19	Peak Savings To Date FY19	GPCD FY19 Goal	GPCD To Date FY19		Lifetime, 1000 gallons	Peak, 1 gallon per day	FY19 Budget	FY19, Spent To Date
Incentives - Indoor																		
Showerheads	1 unit	9.55	9.55	5	\$ 2.46	1,600	20	2,054	188	15,280	191	0.01	0.00	17.43	\$0.14	\$0.26	\$15,000	\$1,511
Aerators	1 unit	2.31	2.31	5	\$ 0.34	4,800	1,283	11,172	5,681	11,074	2,960	0.01	0.00	4.21	\$0.08	\$0.15	\$11,000	\$3,390
PRV rebates	1 valve	56.10	25.80	10	\$ 130.00	40	9	16	2	2,244	505	0.00	0.00	94.17	\$1.38	\$2.32	\$10,000	\$900
Commercial Process Rebates	1 gallon	Variable	Variable	10	\$ 1.00	10	0	3	2	250,000	55,743	0.23	0.05	Variable	Variable	\$1	\$400,000	\$12,600
Incentives - Outdoor																		
Irrigation audits, SF	1 audit	500.00	100.00	3	\$ 187.50	550	80	249	116	275,000	40,000	0.05	0.01	109.50	\$1.71	\$0.38	\$103,125	\$15,000
Irrigation rebates, SF	1 rebate	TBD	TBD	variable	\$ 130.00	40	6	54	20	TBD	Variable	TBD	Variable	Variable	\$1.78	\$2.18	\$15,000	\$1,100
Irrigation rebates, Commercial MF	1 rebate	TBD	TBD	variable	TBD	15	0	1	0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$50,000	\$0
Landscape Survival Tools Rebate, SF	1 rebate	TBD	TBD	TBD	TBD	100	1	114	0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$20,000	\$40
Waterwise Landscape Rebate, SF	1 rebate	140.7	59.1	10	\$ 525.00	30	1	19	12	4,221	141	0.00	0.00	215.72	\$2.43	\$3.73	\$12,000	\$1,715
Waterwise Landscape Rebate, MF	1 rebate	TBD	TBD	variable	TBD	10	0	1	0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$2,000	\$0
Rainwater harvesting Non-Pressurized Capacity	1 gallon	0.05	0.05	10	\$ 0.62	200,000	8,933	136,294	19,638	10,137	453	0.01	0.00	0.19	\$3.35	\$12.23	\$90,000	\$4,223
Rainwater harvesting Pressurized Capacity	1 gallon	0.02	0.02	10	\$ 0.50	75,000	32,426	254,759	61,589	1,521	657	0.00	0.00	0.07	\$6.76	\$24.66	\$90,000	\$14,009
Regulatory																		
Commercial Facility Irrigation Compliant Assessments	1 Compliant Assessment	TBD	TBD	TBD	TBD	5,699	5,560	98%	98%	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$120,000	\$40,000
Commercial Vehicle Wash Efficiency Compliant Assessments	1 Compliant Assessment	681.82	681.82	10.00	\$ 90.91	216	210	98%	98%	147,273	143,182	0.14	0.13	2,488.64	\$0.04	\$0.13	\$20,000	\$6,667
																Total	\$818,125	\$54,487
																% of Goal		6.66%

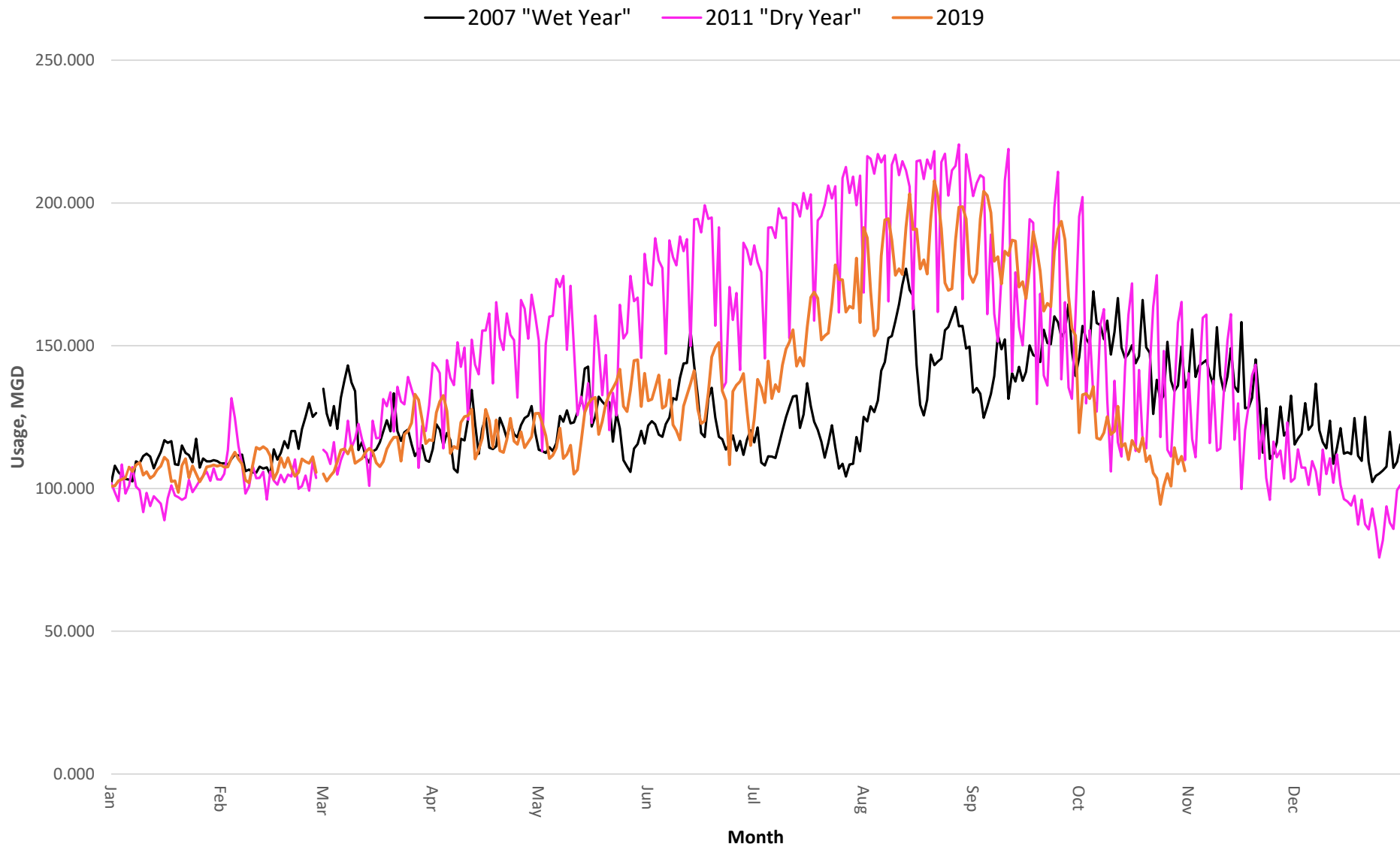
WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



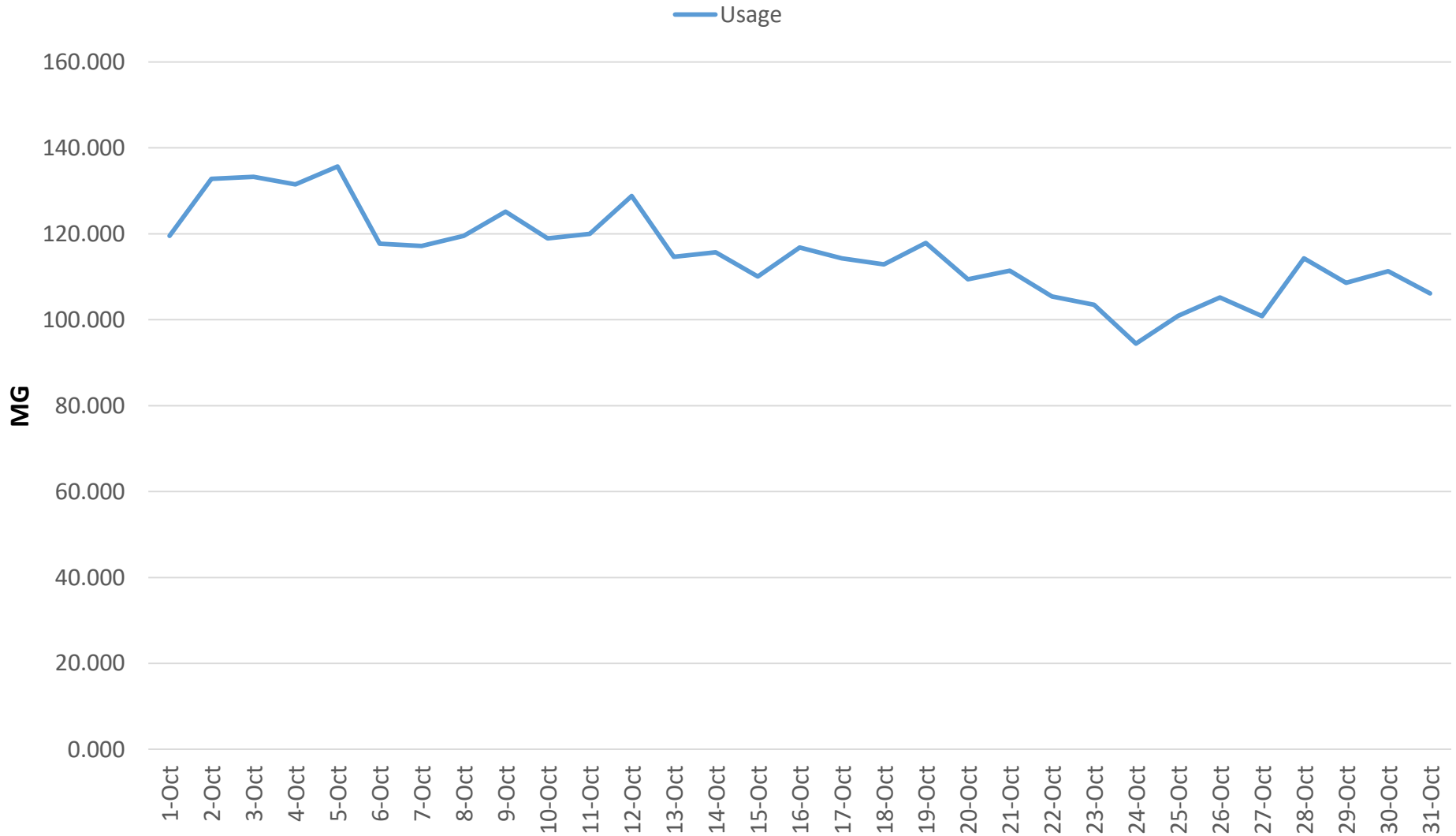
TOTAL WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



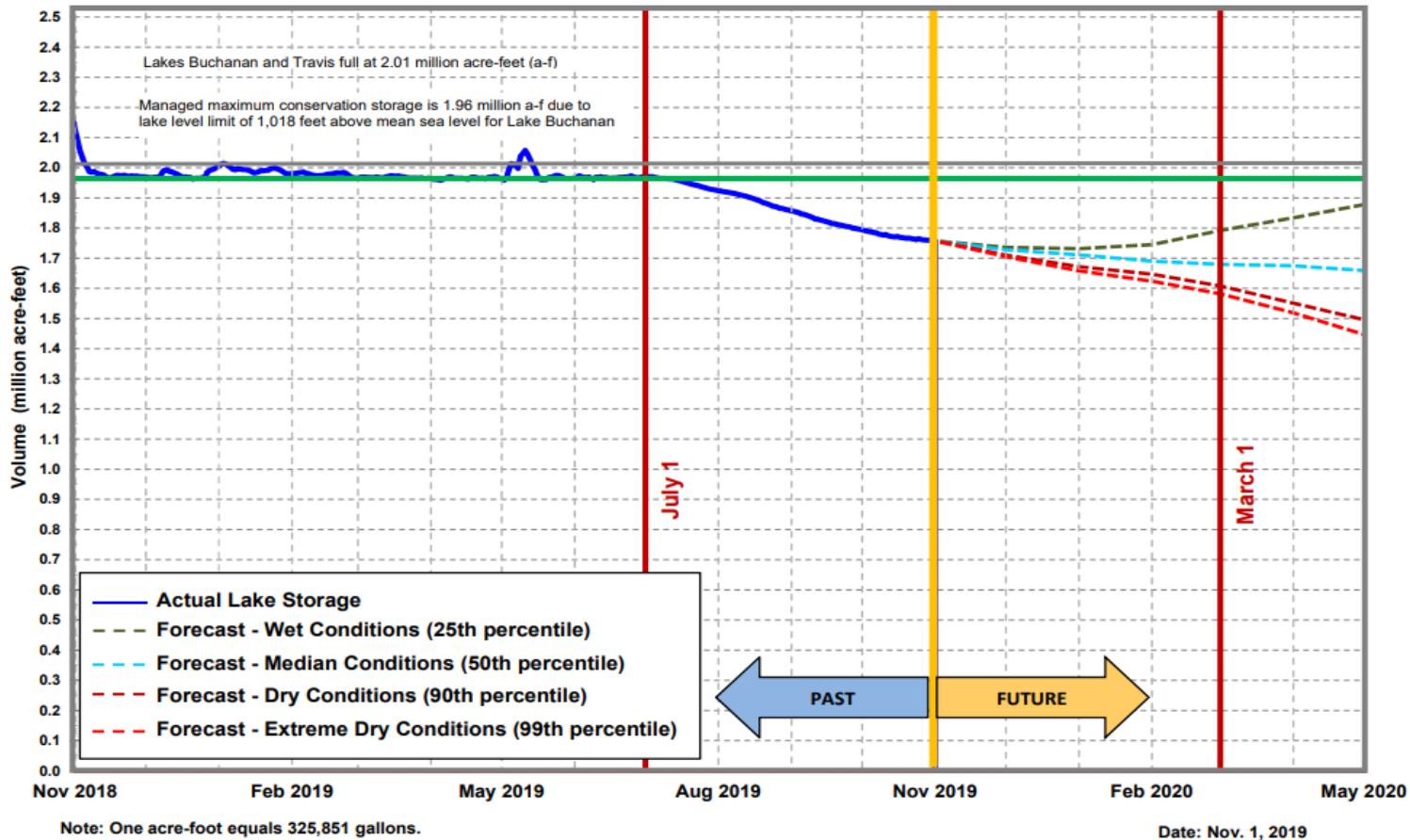
Multi-Year Daily Water Usage



Daily Water Usage October 2019



Lakes Buchanan and Travis Total Combined Storage Projections



Highland Lakes Storage summary as of November 13, 2019

Combined lake storage: 1.750 million acre feet

Combined reservoir total: 87%

City of Austin
Drought
Contingency Plan
Drought Response
Stage Triggers:

**Conservation
Stage:**
Above 1.4 MAF

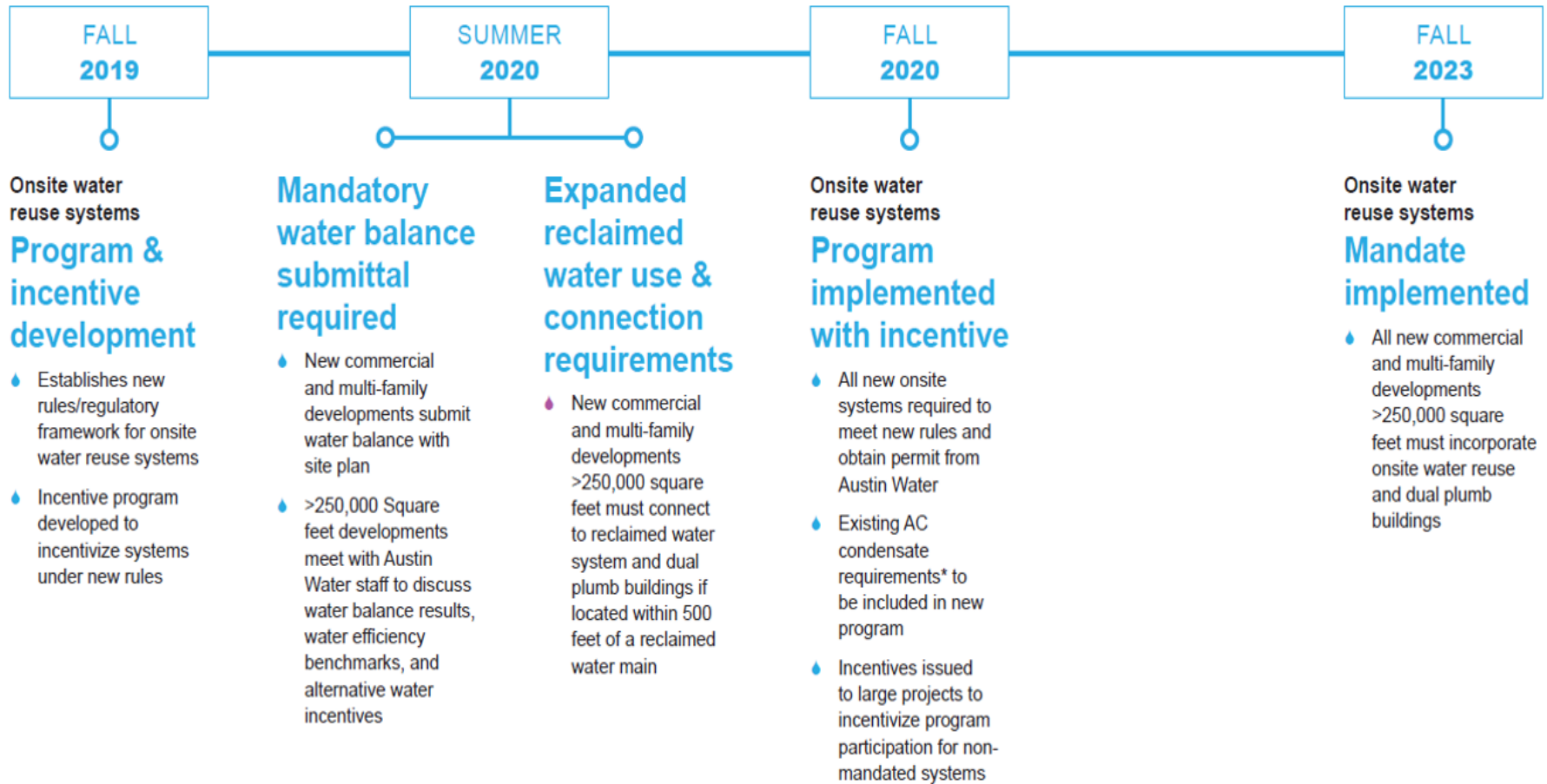
Stage I:
1.4 MAF

Stage II:
900,000 AF

Stage III:
600,000 AF

**Emergency
Response
Stage IV:**
Catastrophic event
including
prolonged drought

Water Forward Ordinances In the Land Development Code



Water Forward Ordinance Timeline

- Dec. 3 - 4: Council Work Session on the draft Land Development Code Revision.
- Dec. 7: Council Public Hearing on the draft Land Development Code Revision.
- Dec. 9: City Council consideration on first hearing.





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