



RMC Monthly Report

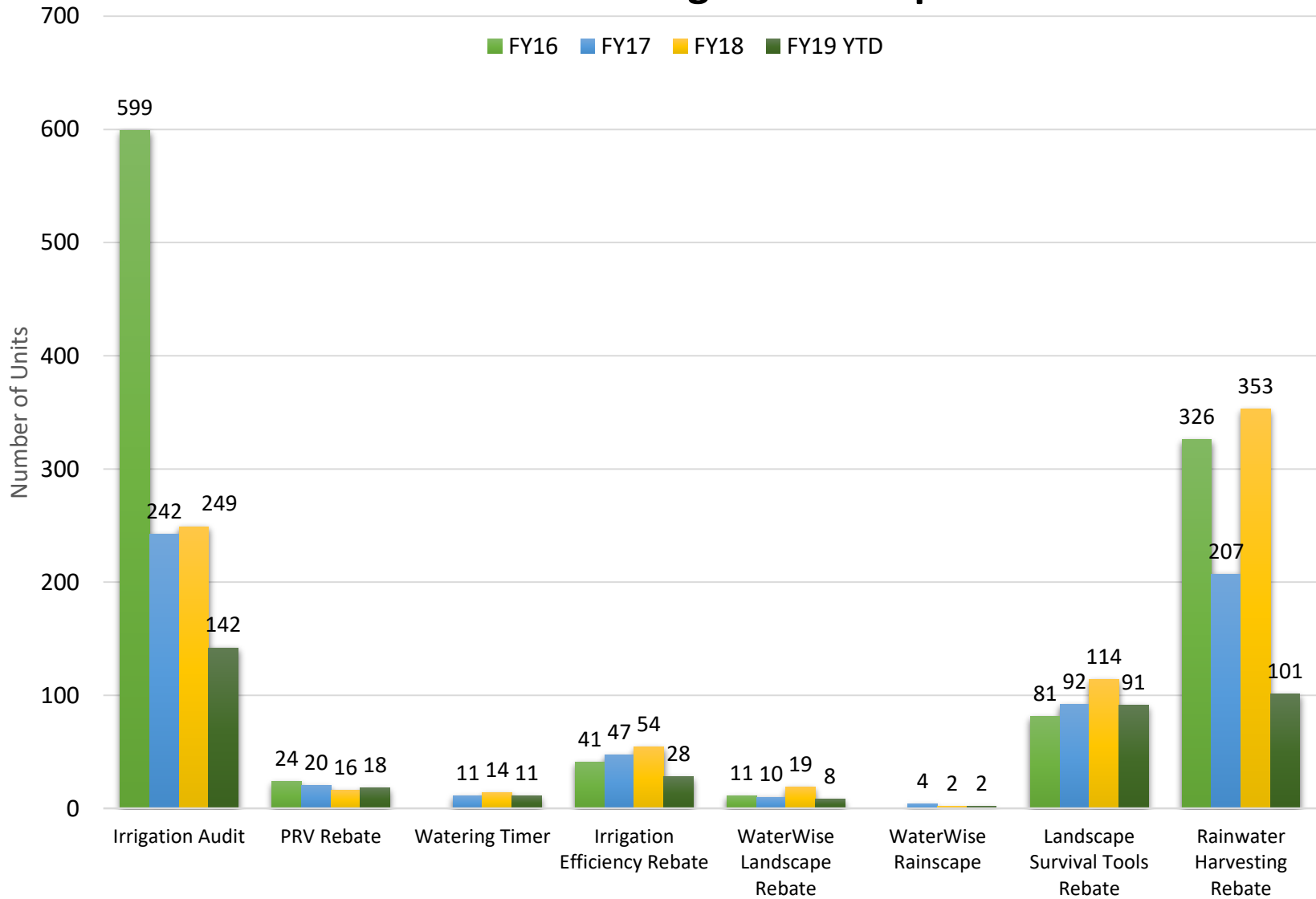
August 2019

FY 19

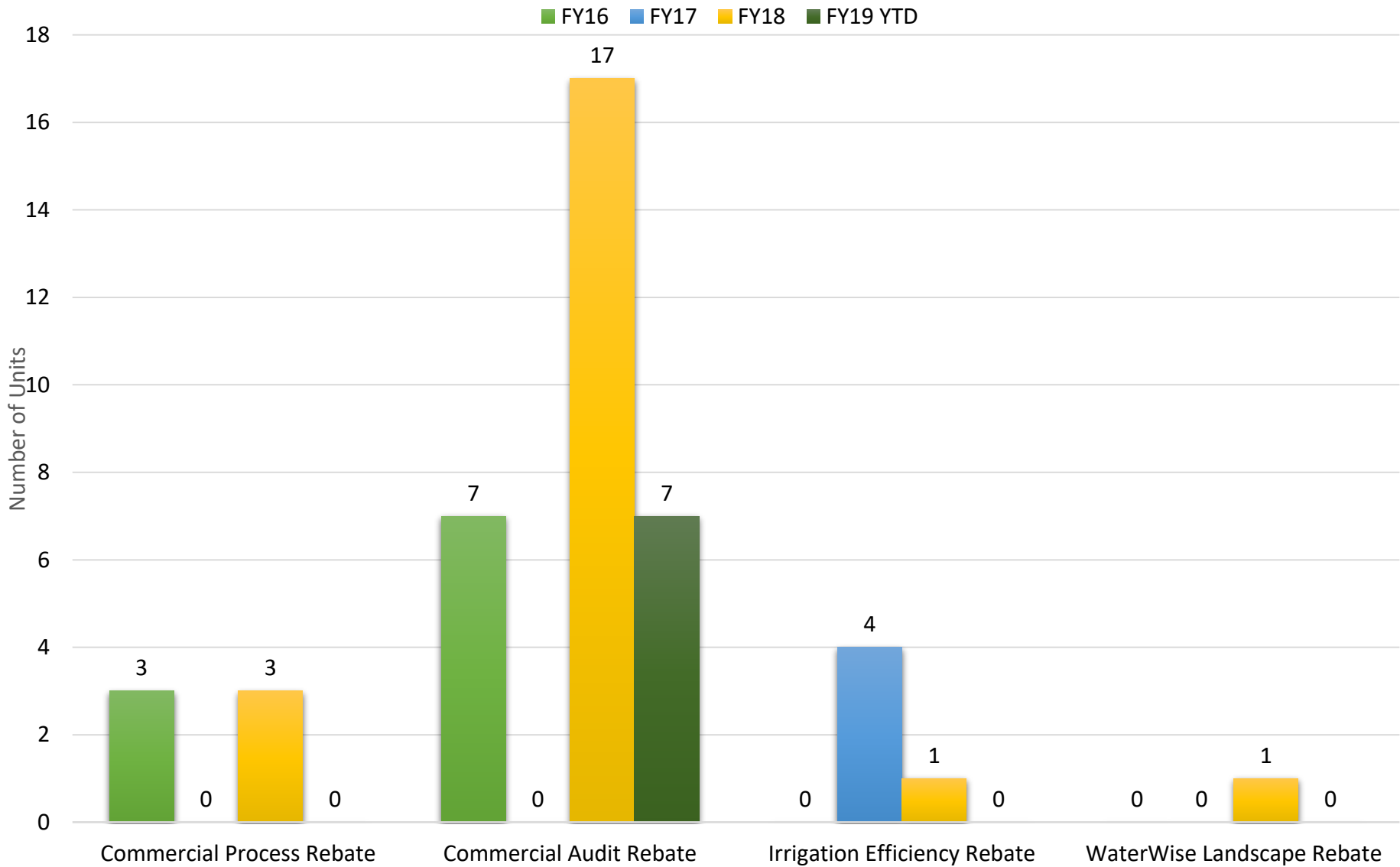
Mark Jordan
Water Conservation Division
City of Austin | Austin Water



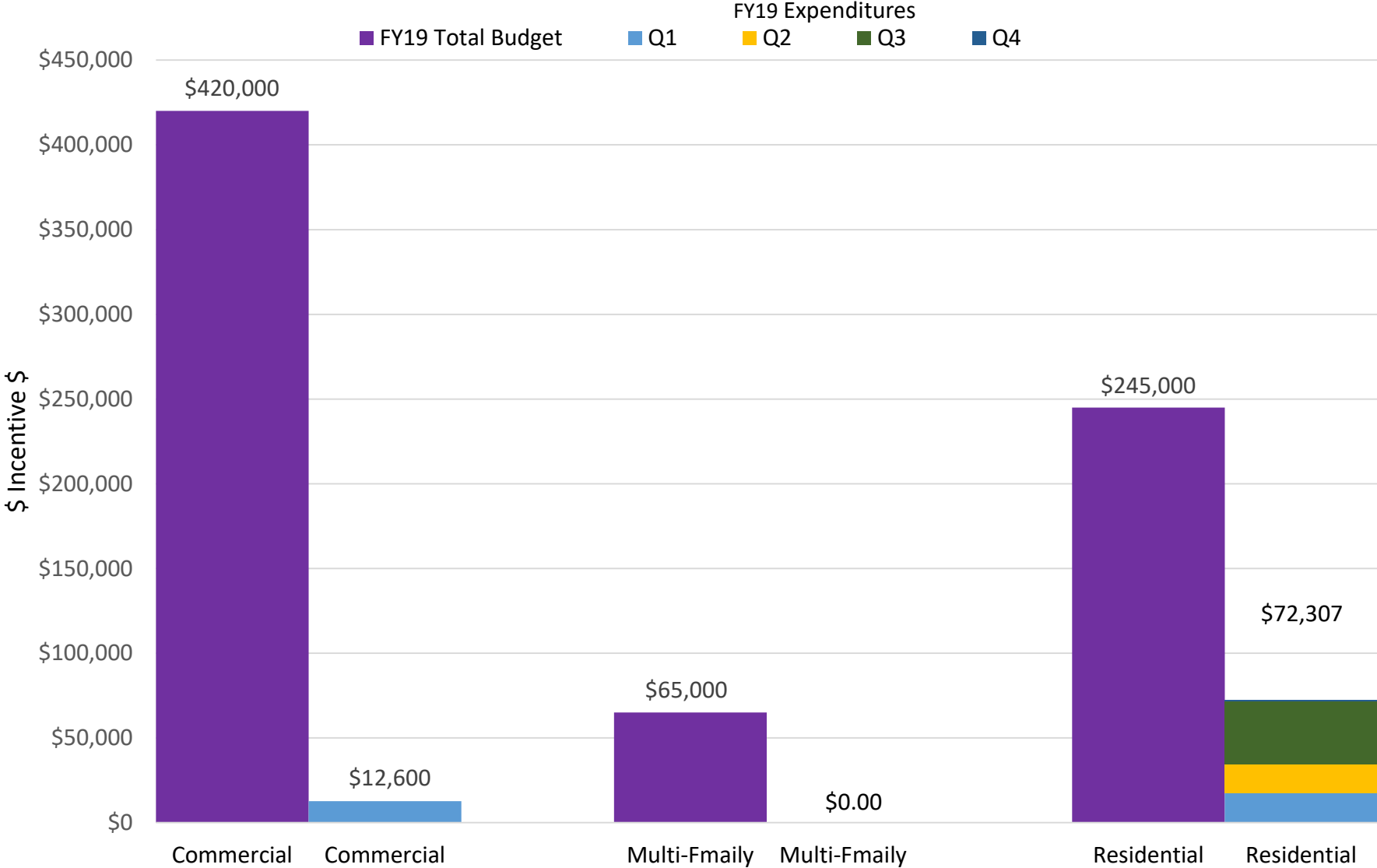
Residential Program Participation



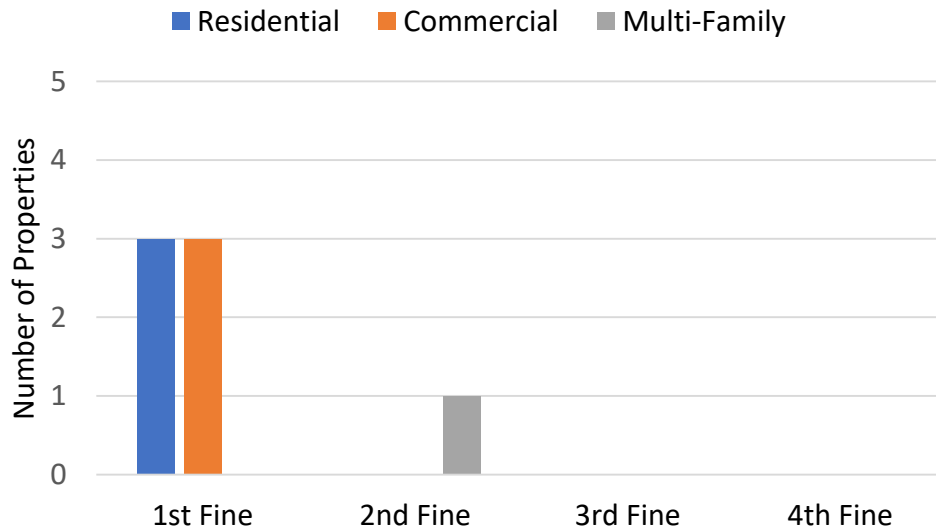
Commercial & Multifamily Program Participation



Rebates and Incentives Budget, FY19 YTD



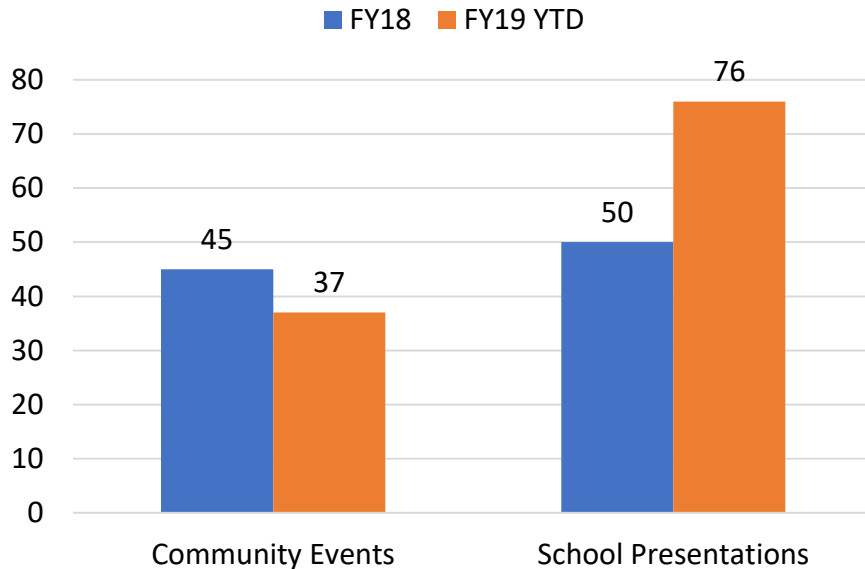
Water Waste Enforcement Activity FY19 TD Administrative Fines



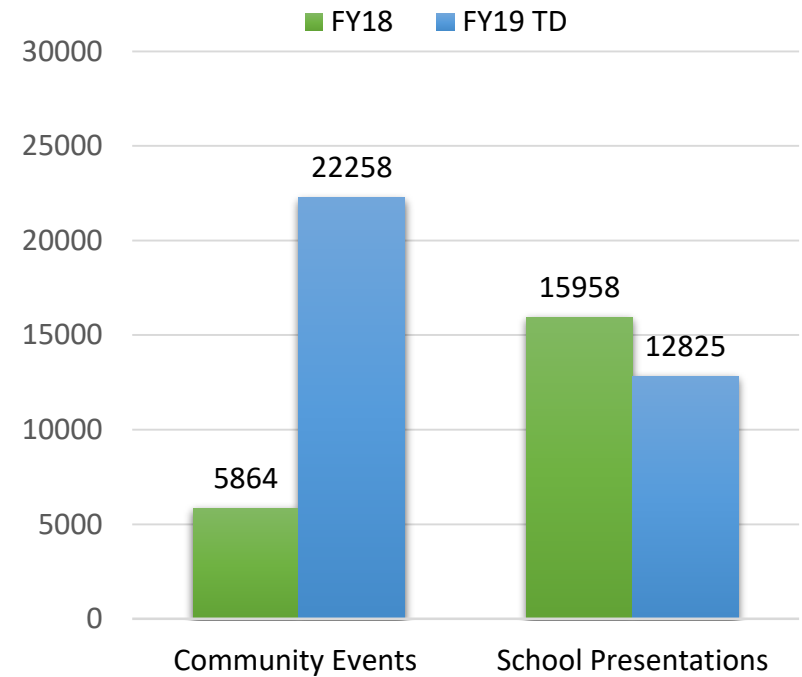
- 264 Violations:
 - 256 Warnings
 - 9 Administrative Fines
- 2 appeals filed
- 0 appeals overturned

- Administrative Fines assessed only after warning is issued
 - Administrative Fines assessed on utility bill
 - Citizen reports generate a postcard alert

Public Outreach Activity Number of Events

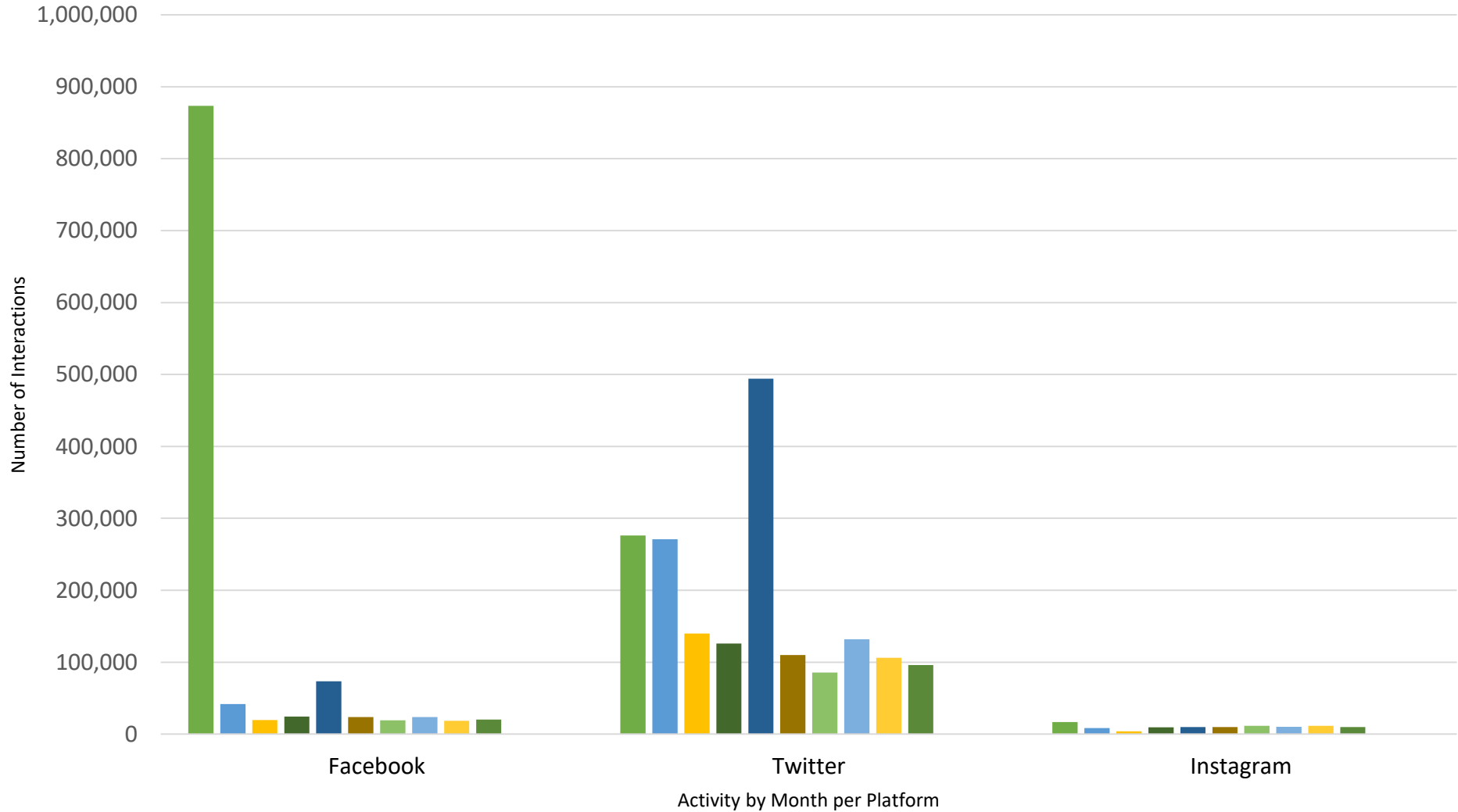


Public Outreach Activity Populations Reached

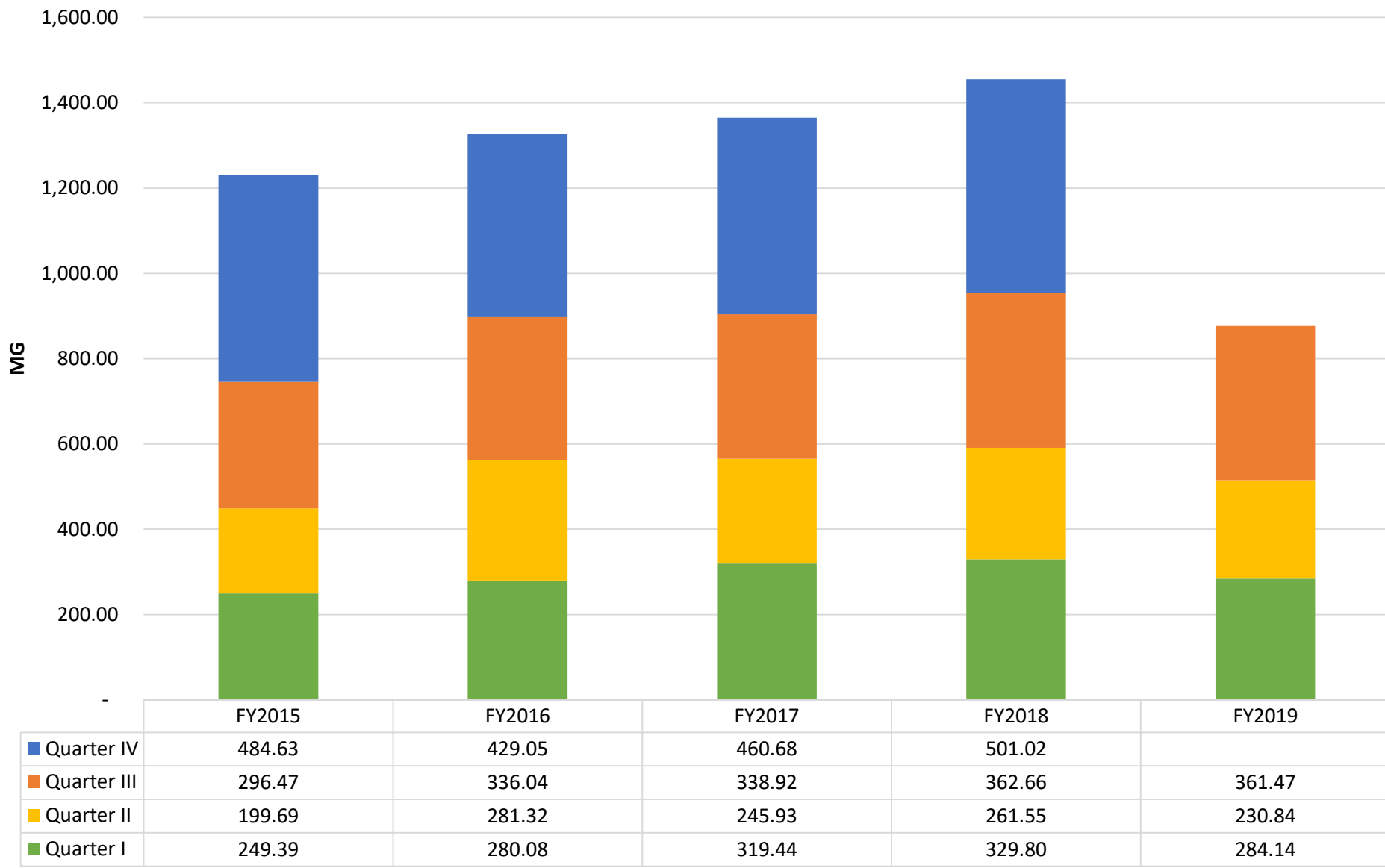


Social Media Activity, FY19 TD

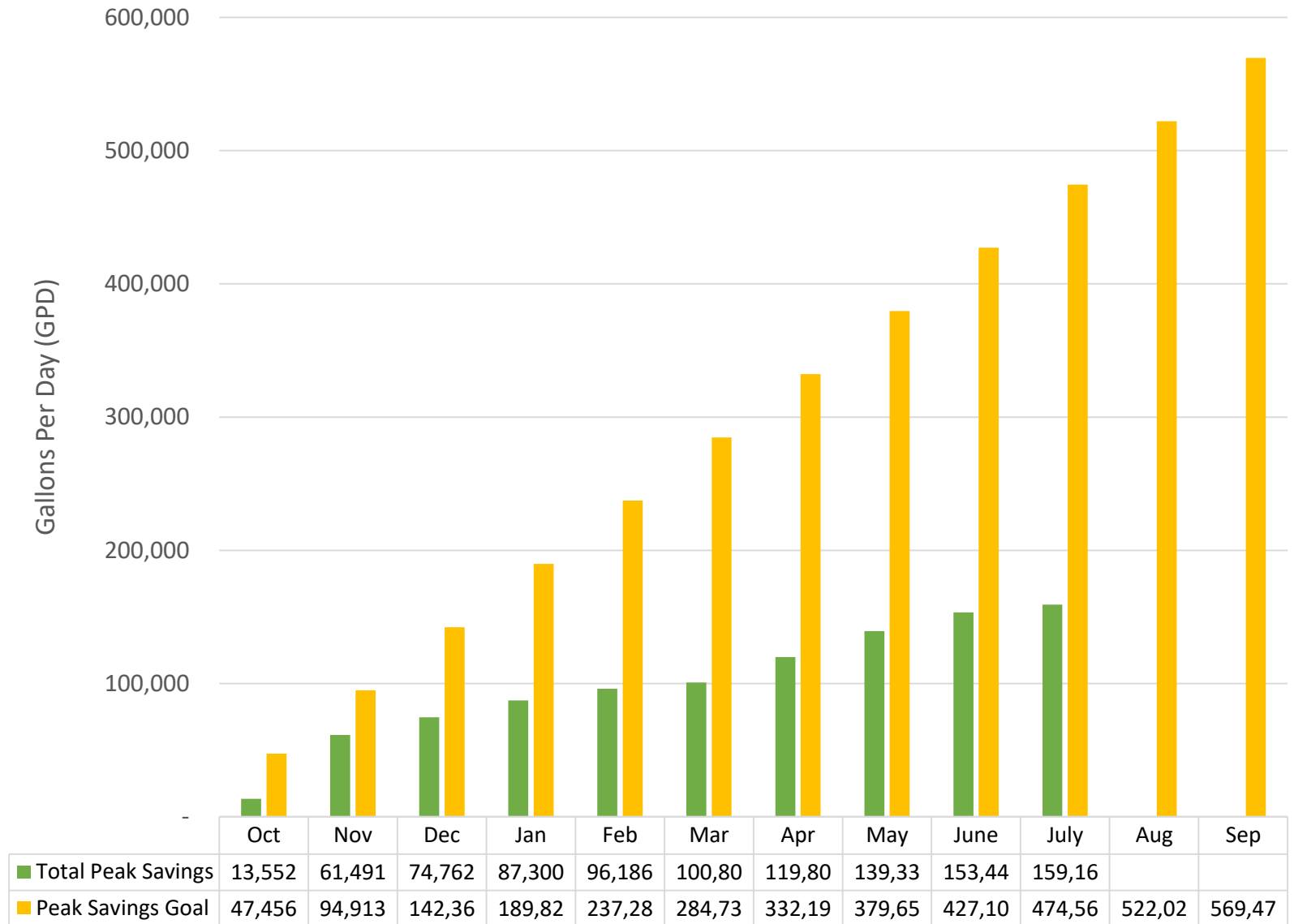
Oct Nov Dec Jan Feb Mar Apr May June July August September



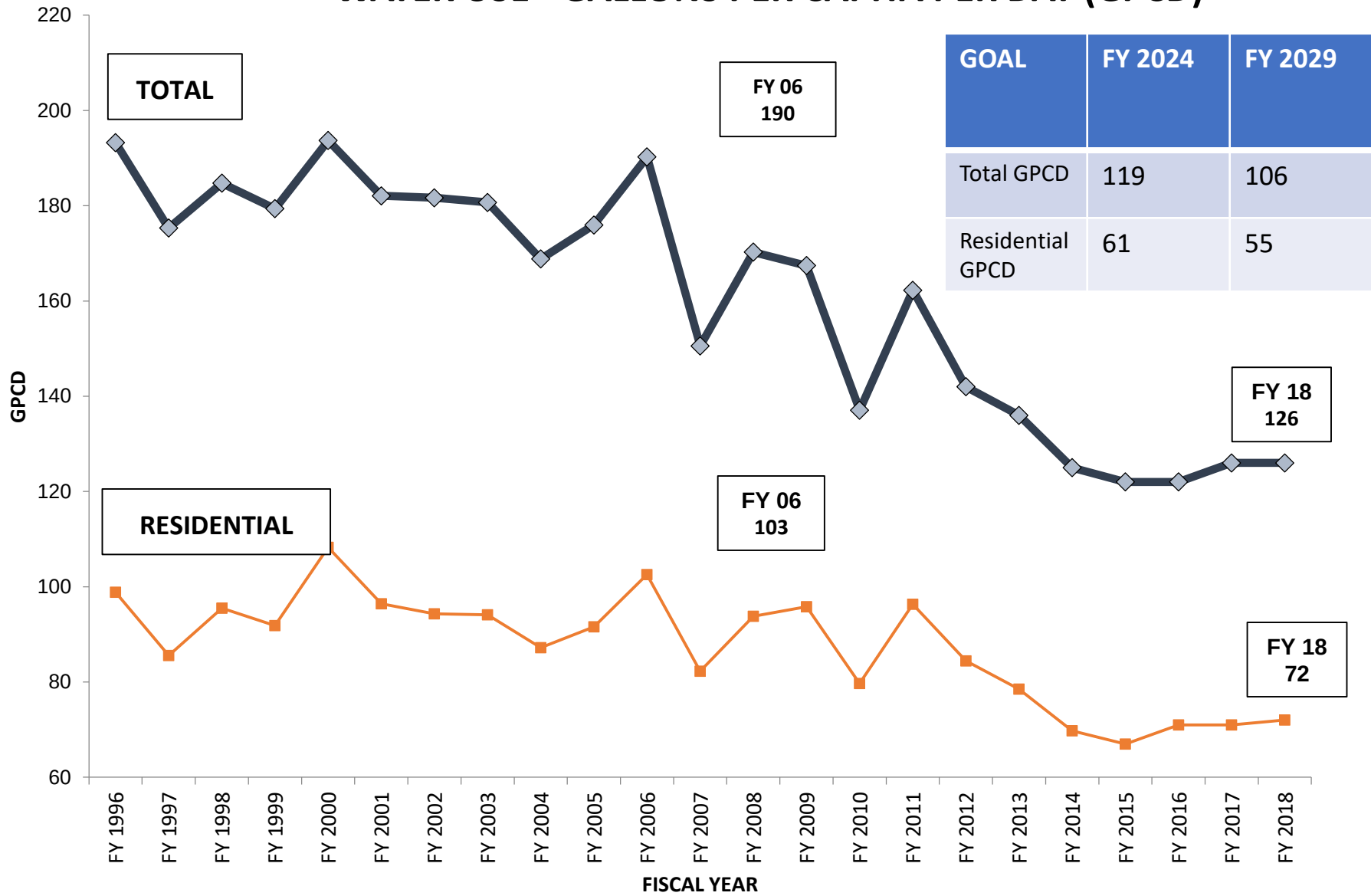
Reclaimed Water



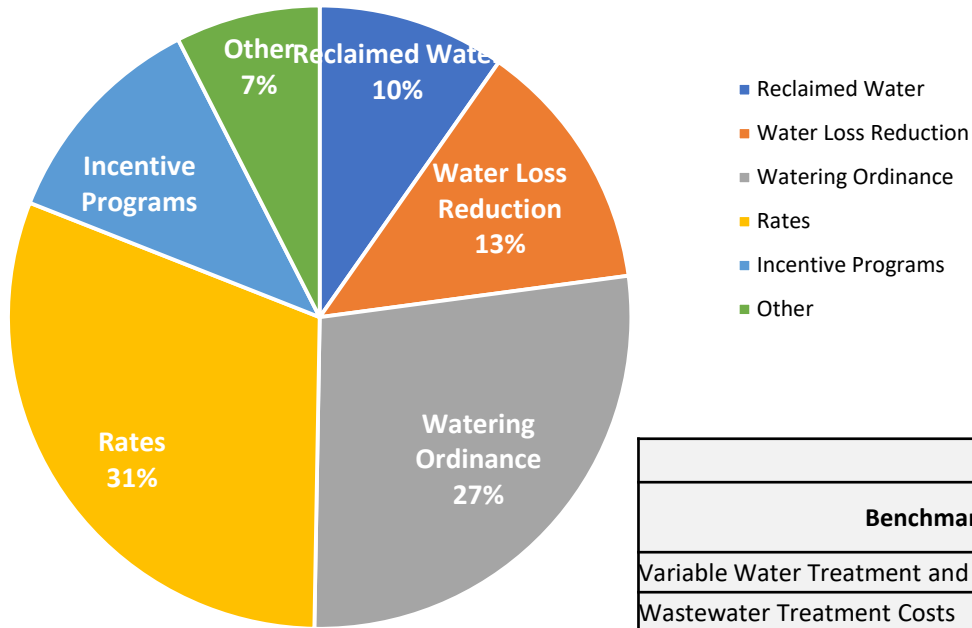
Total Peak Water Savings, Gallons Per Day (GPD)



WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



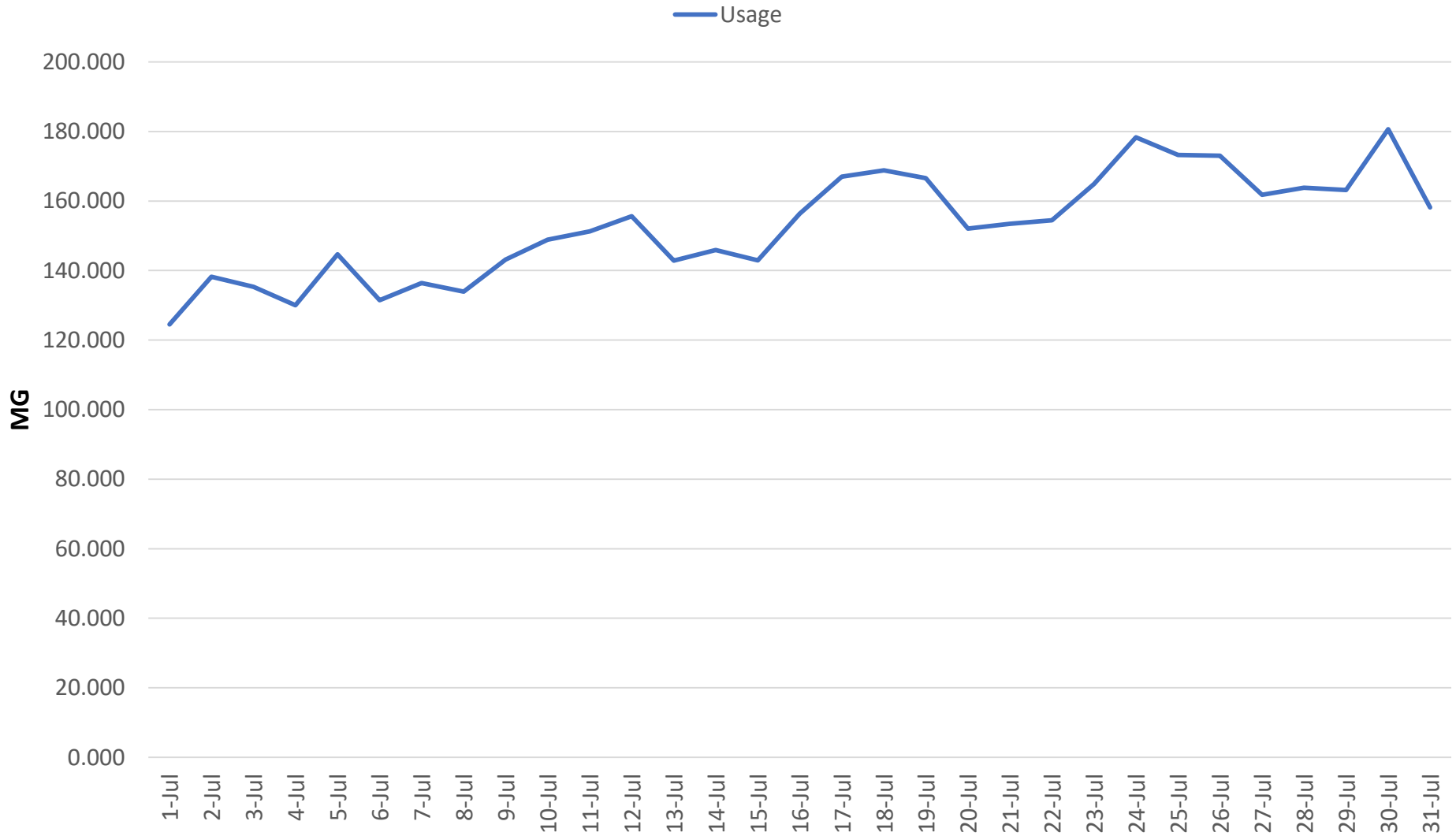
Total Cumulative Water Savings Projected for FY 2019



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

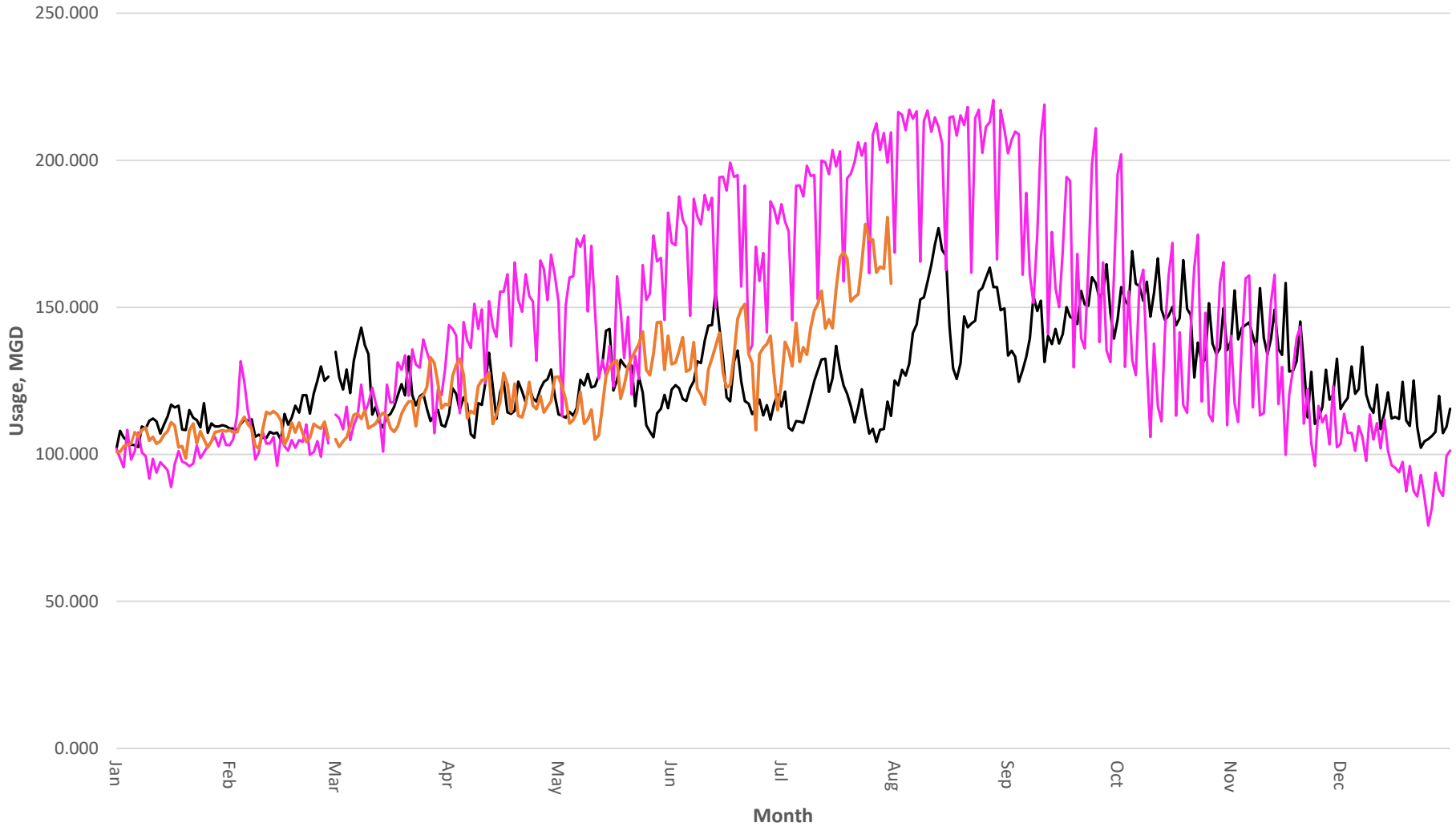
Activity	Unit	Projected Peak Unit Savings, GPD	Projected Average Unit Savings, GPD	Projected Lifetime of Savings, years	Cost per Unit, if applicable	Program Participation				Peak Reduction, gallons per day		Average Savings, GPCD		Lifetime Savings per Unit, thousand gallons	Cost of Savings		FY19 Rebate 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 FY19 To Date		Lifetime, 1000 gallons	Peak, 1 gallon per day	FY19 Budget	FY19 Spent To Date
Incentives - Indoor																		
Showersheds	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	\$11,000	\$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	% of Goal	\$818,125	\$54,487

Daily Water Usage July 2019

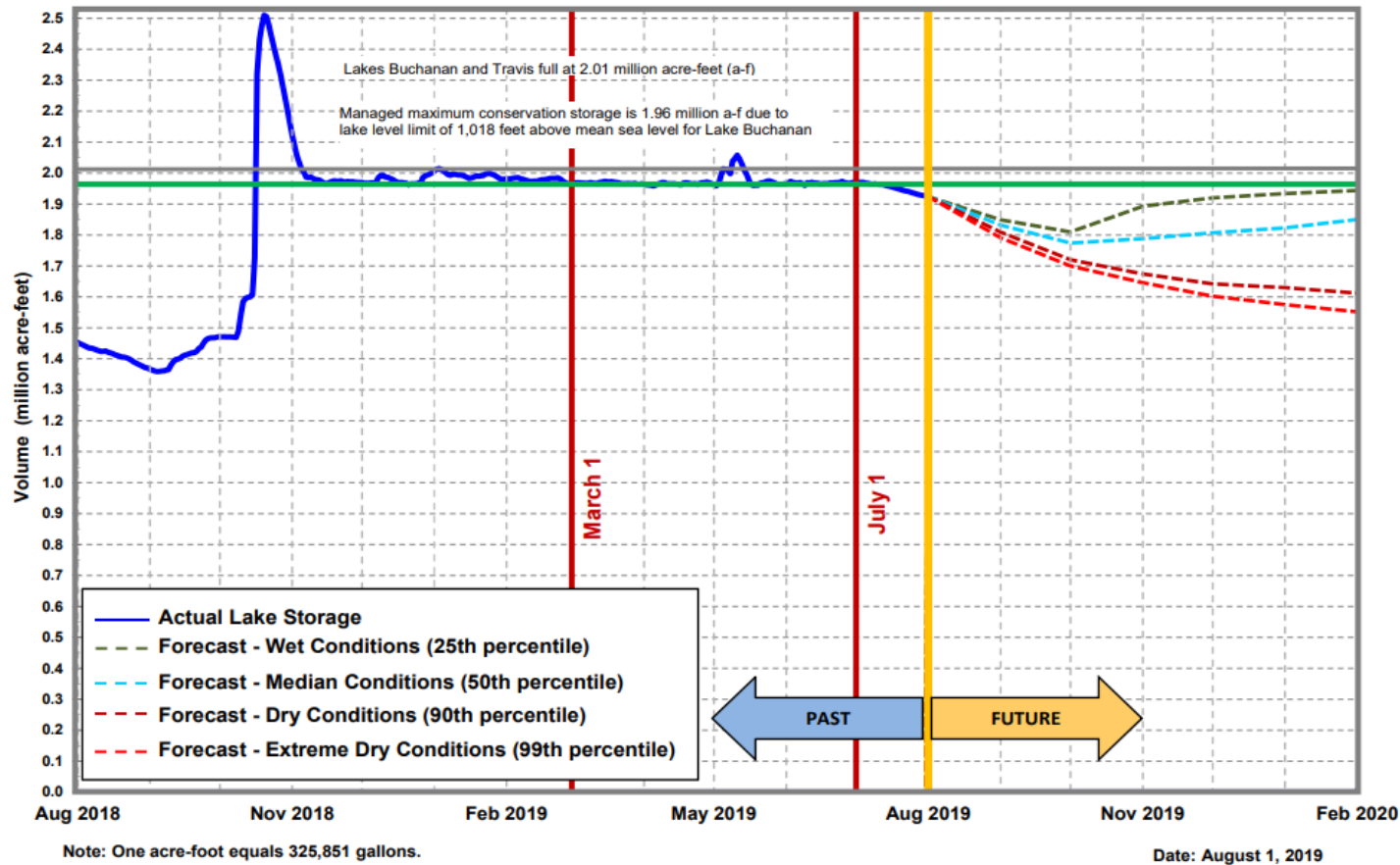


Multi-Year Daily Water Usage

— 2007 "Wet Year" — 2011 "Dry Year" — 2019



Lakes Buchanan and Travis Total Combined Storage Projections



Highland Lakes Storage summary as of August 13, 2019

Combined lake storage: 1.904 million acre feet

Combined reservoir total: 95%

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

Aug – Sept Events

- ♦ August 17: Controller 101 & Irrigation Maintenance Workshop
- ♦ Sept 3: Water Forward Task Force Meeting

Irrigation Efficiency

FREE WORKSHOPS
Saturday, JUL 27
10:00 a.m. - 12:00 p.m.
Saturday, AUG 17
10:00 a.m. - 12:00 p.m.



Irrigation System Maintenance and Irrigation Scheduling Strategies

Learn basic maintenance skills to maximize performance and efficiency of your irrigation system while managing your landscape and reducing watering cost.

You will also learn efficient irrigation scheduling and programming strategies.

LOCATION

Austin Water - Room 104
Waller Creek Center
625 E. 10th St.
Austin, TX 78701

INFORMATION & REGISTRATION

Registrations will be open until filled.

For more information or to register, please contact

David Turnage
david.turnage@austintexas.gov
512-974-3517

For water saving tips, information about rebates and more waterwiseaustin.org

**Austin WATER**
WATER CONSERVATION DIVISION



Mark Jordan
Water Conservation Division
City of Austin | Austin Water

