



RMC Monthly Report

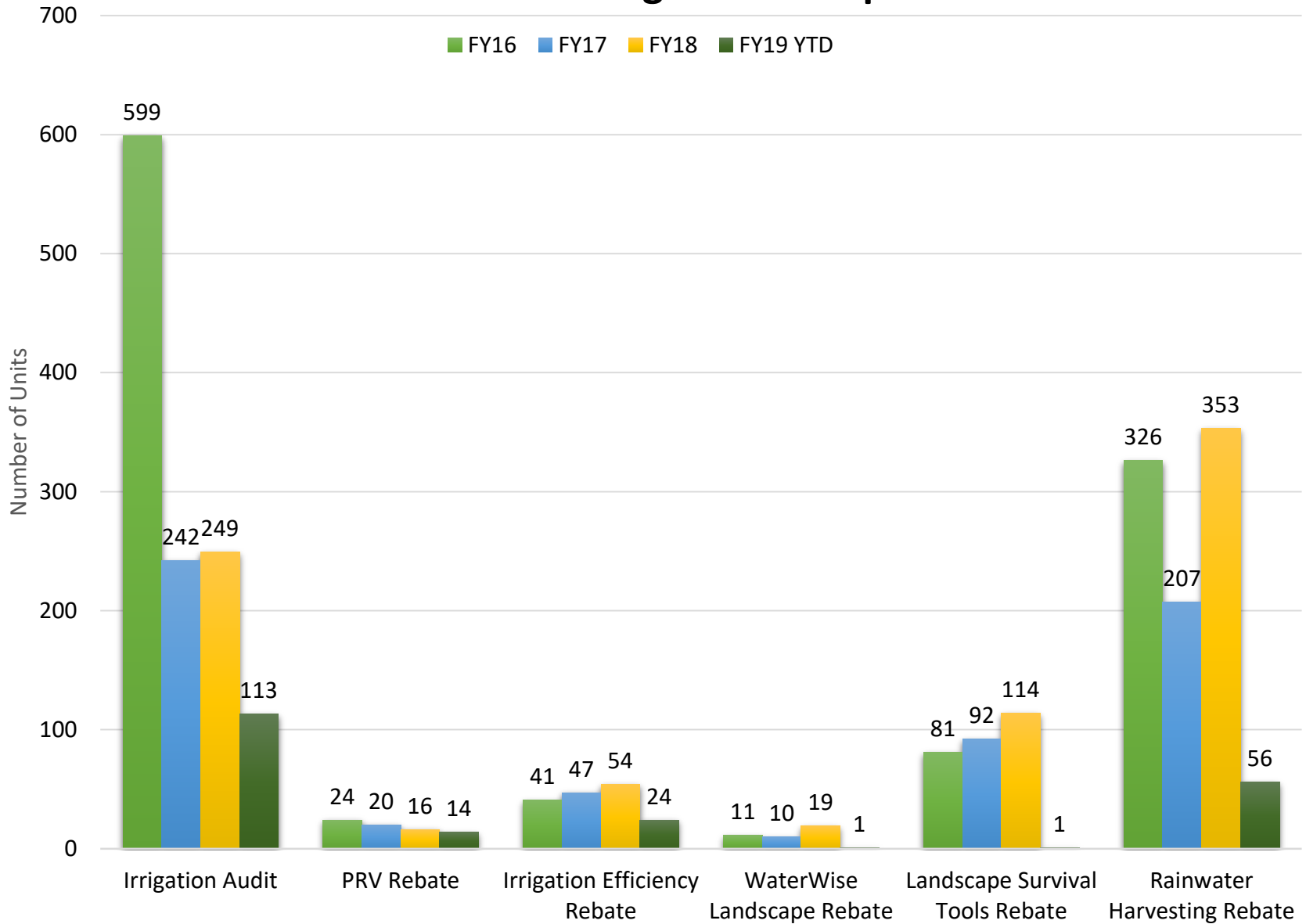
June 2019

FY 19

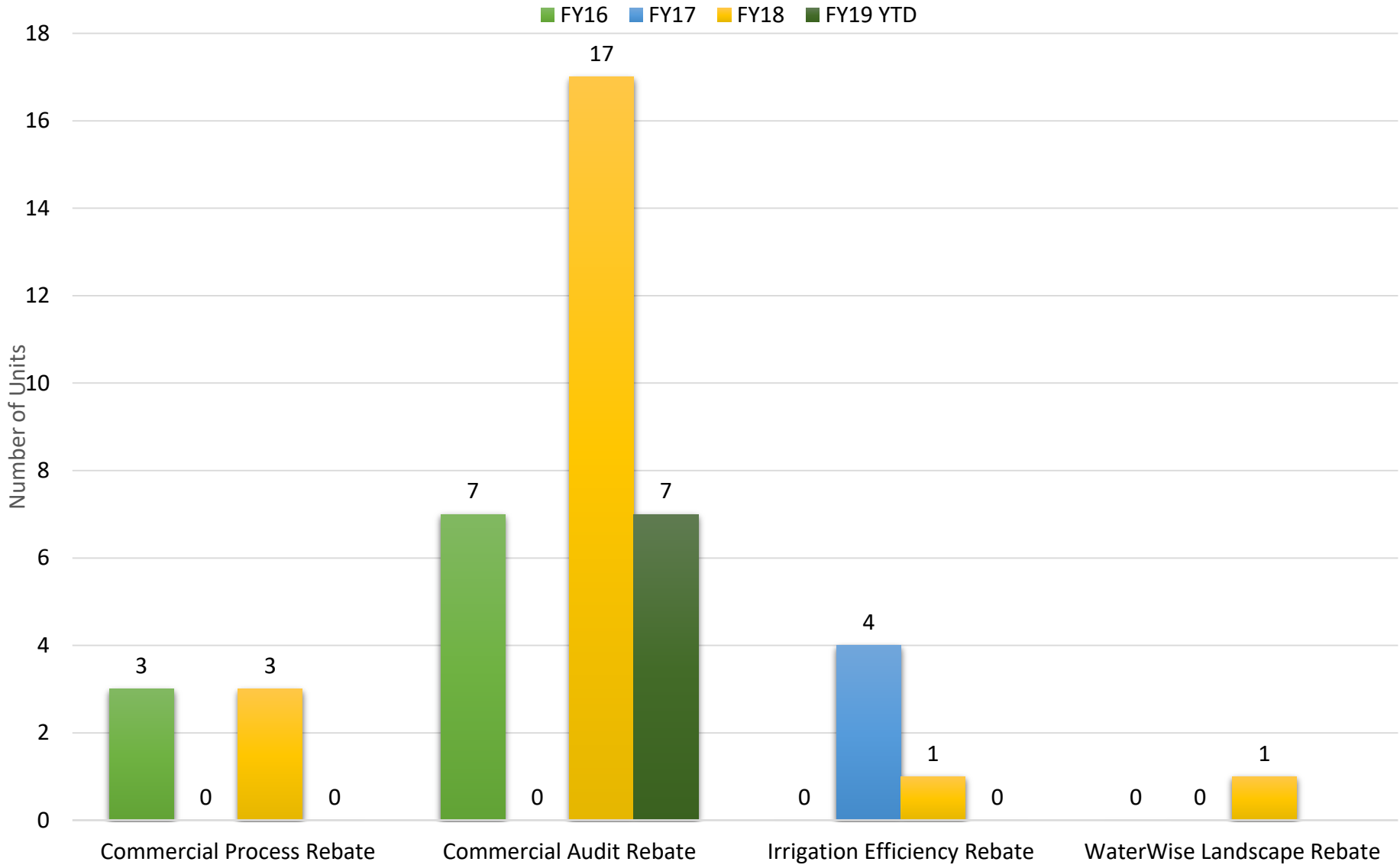
Mark Jordan
Water Conservation Division
City of Austin | Austin Water



Residential Program Participation

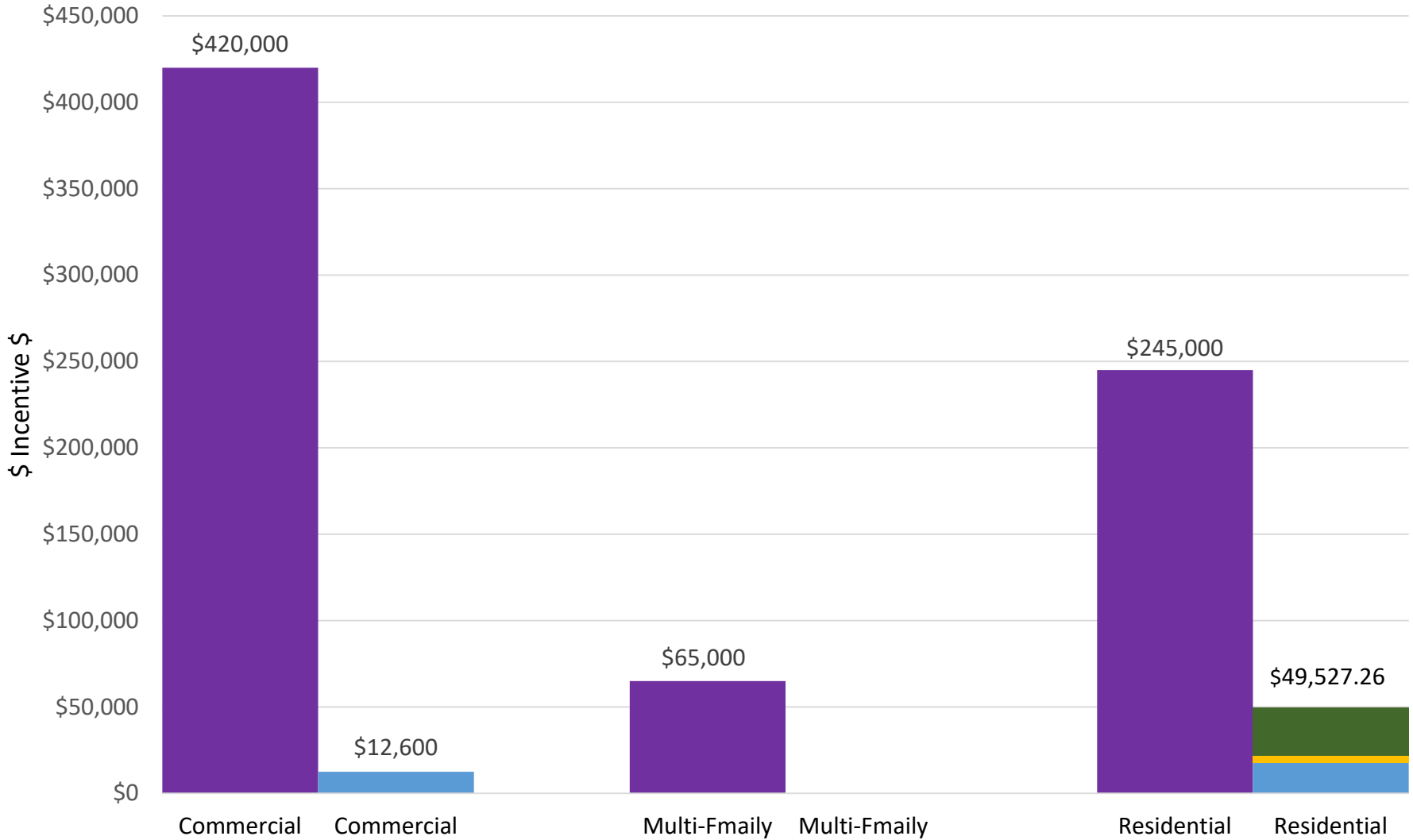


Commercial & Multifamily Program Participation

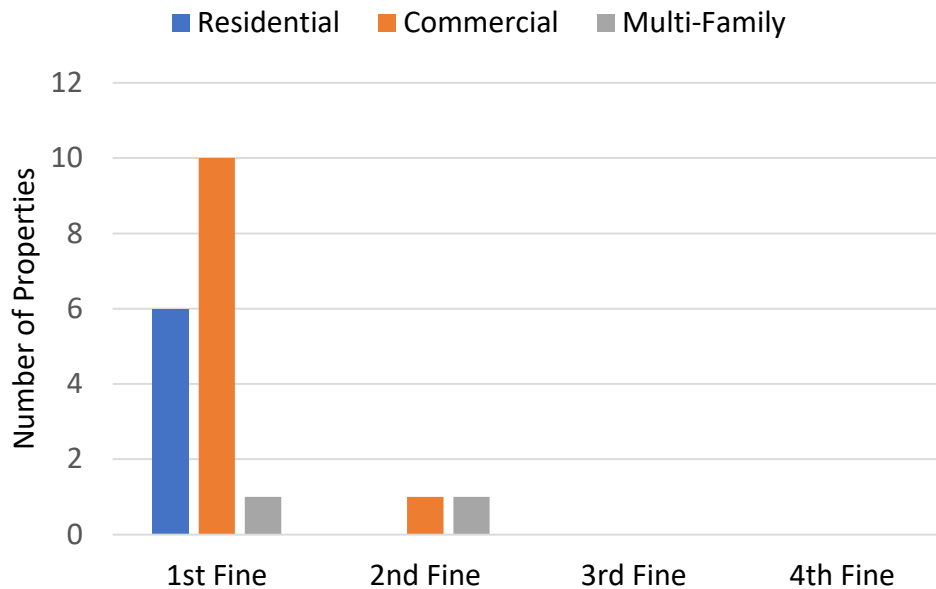


Rebates and Incentives Budget, FY19 YTD

■ FY19 Total Budget
 ■ FY19 Q1
 ■ FY19 Q2
 ■ FY19 Q3
 ■ FY19 Q4



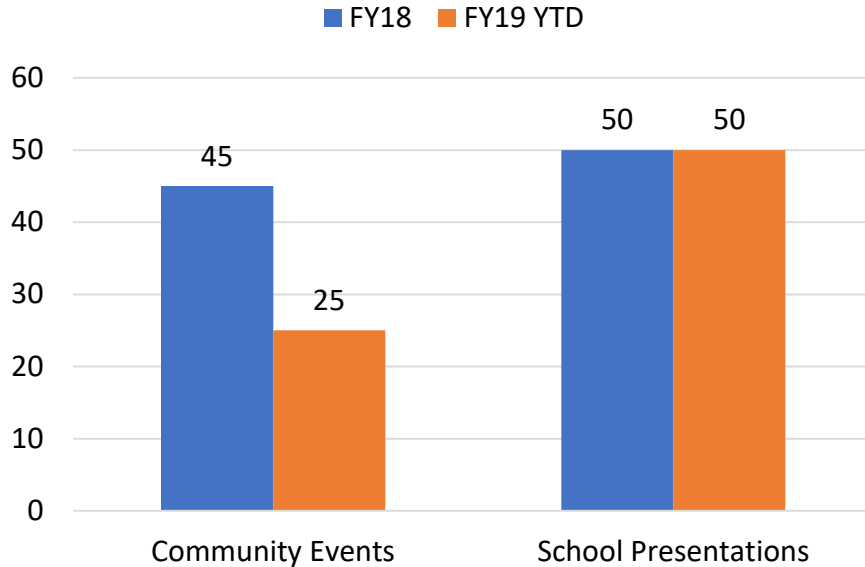
Enforcement Activity FY19 TD Assessed Violations



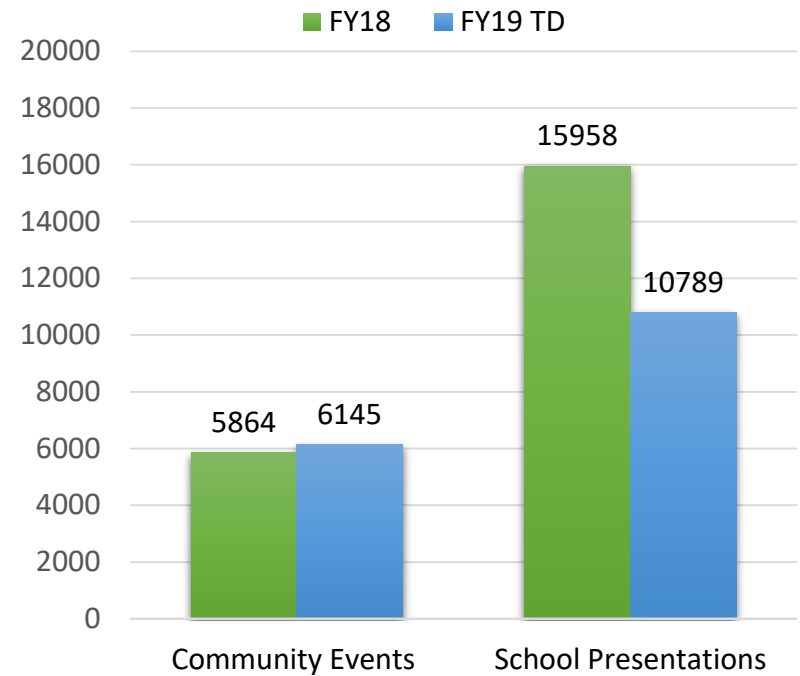
- 72 warnings
- 19 properties fined
- 2 appeals filed
- 0 appeals overturned

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

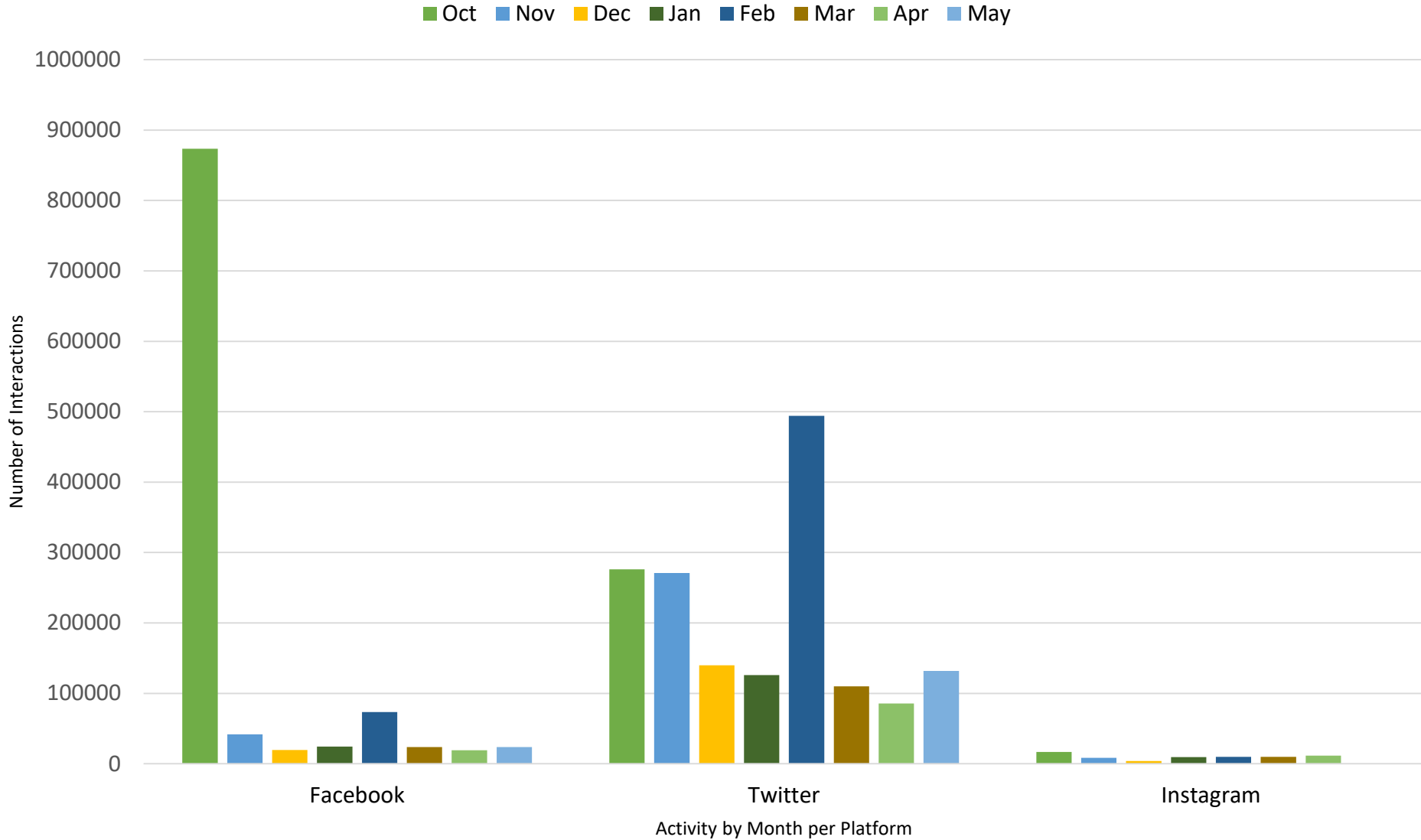
Public Outreach Activity Number of Events



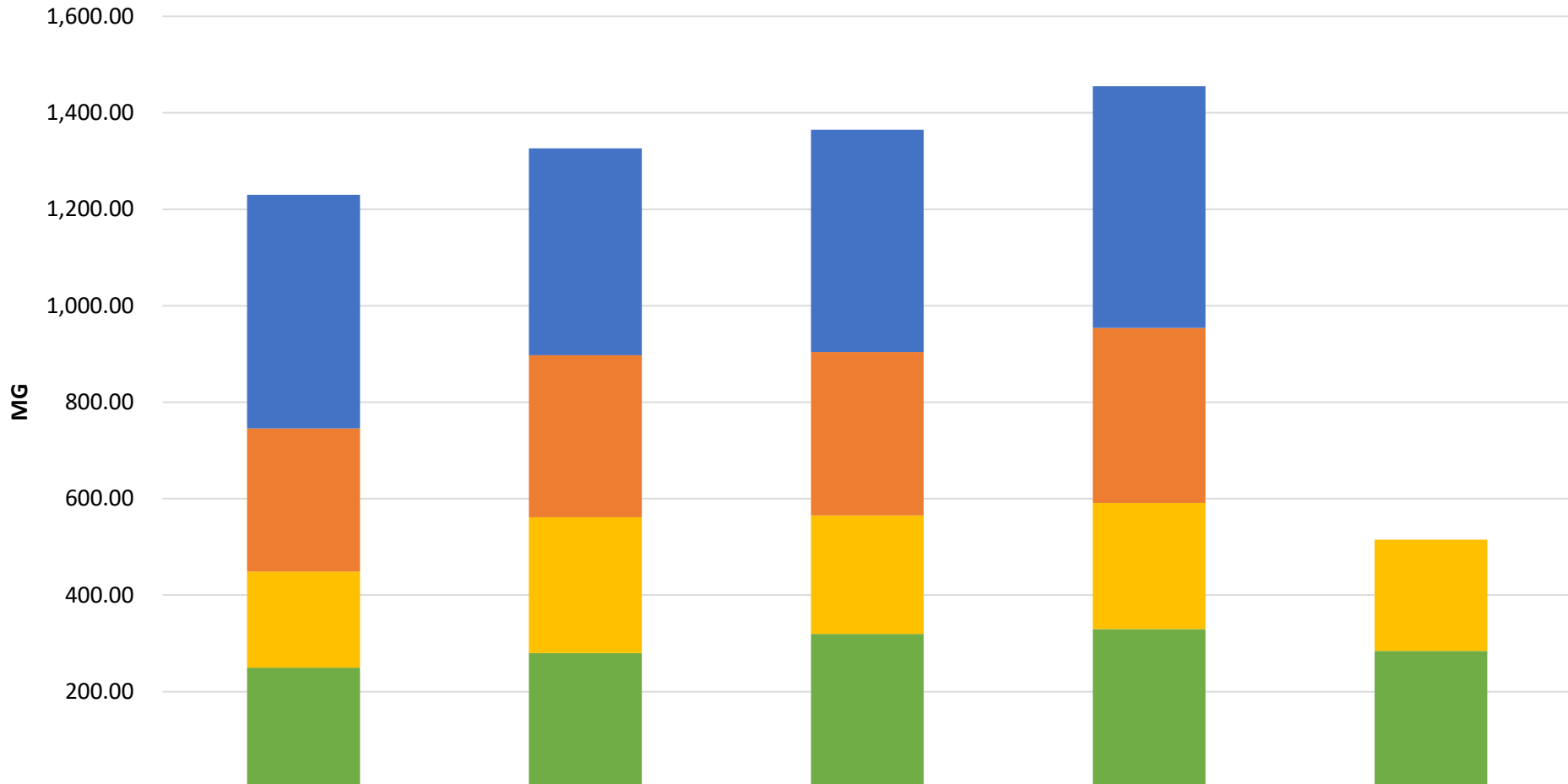
Public Outreach Activity Populations Reached



Social Media Activity, FY19 TD

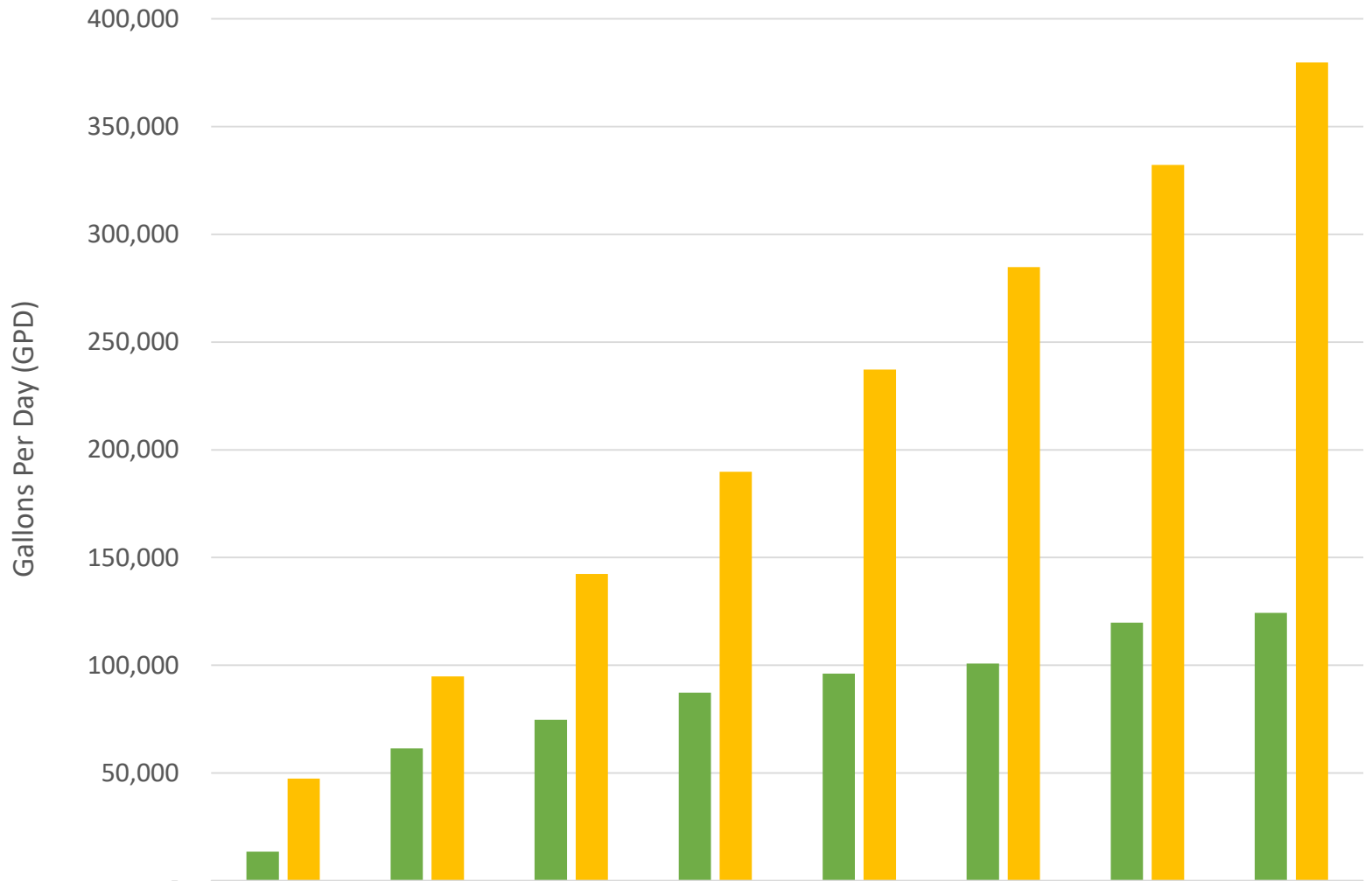


Reclaimed Water



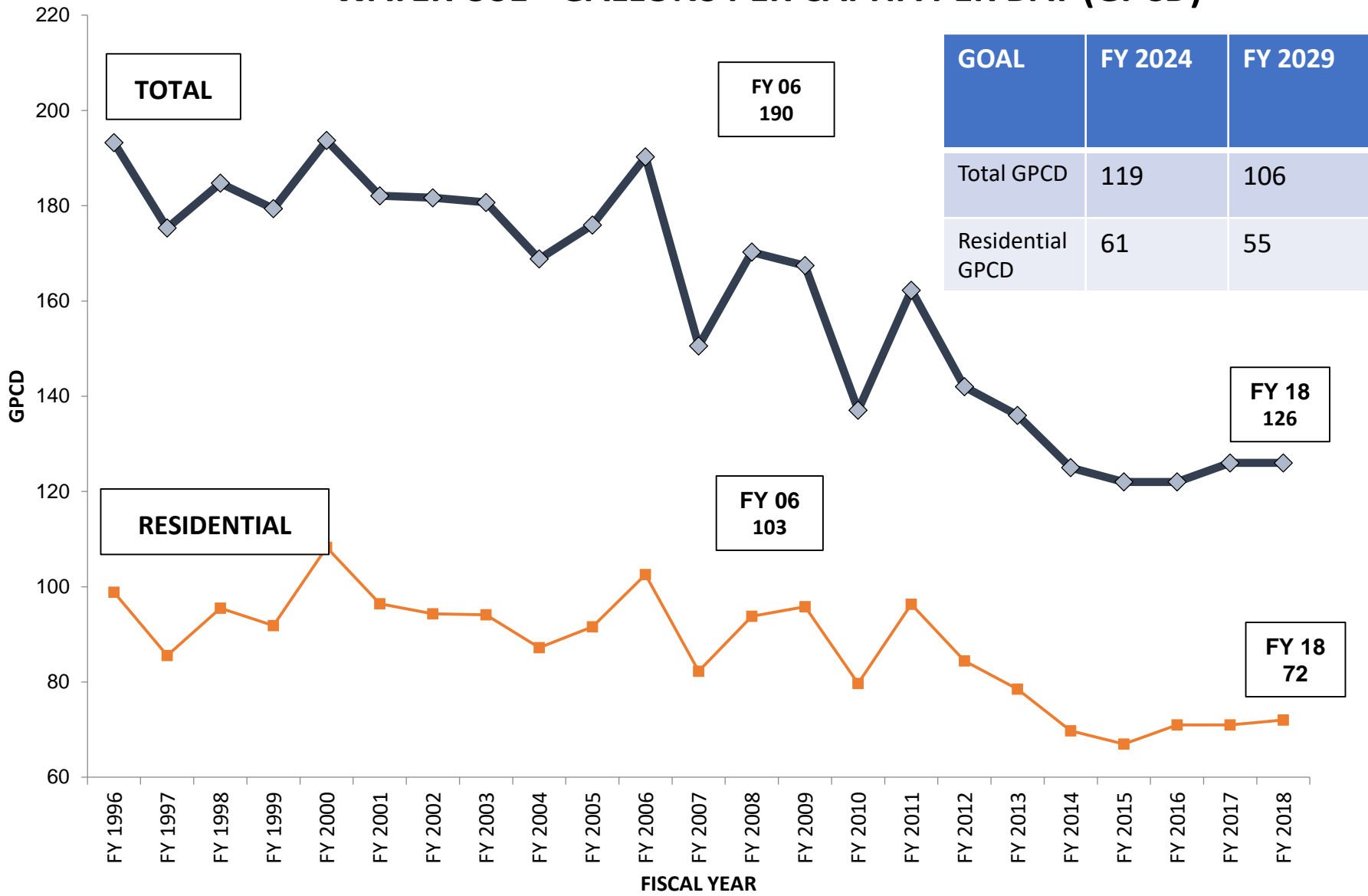
	FY2015	FY2016	FY2017	FY2018	FY2019
■ Quarter IV	484.63	429.05	460.68	501.02	
■ Quarter III	296.47	336.04	338.92	362.66	
■ Quarter II	199.69	281.32	245.93	261.55	230.84
■ Quarter I	249.39	280.08	319.44	329.80	284.14

Total Peak Water Savings, Gallons Per Day (GPD)

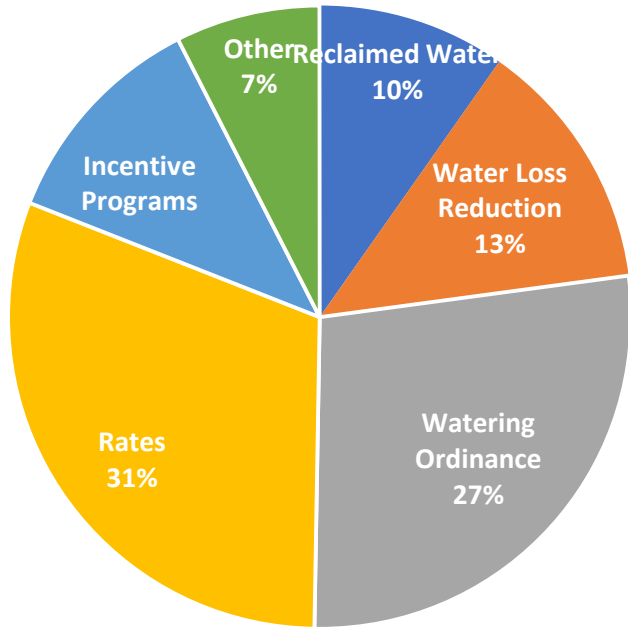


	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
■ Total Peak Savings	13,552	61,491	74,762	87,300	96,186	100,801	119,802	124,387
■ Peak Savings Goal	47,456	94,913	142,369	189,825	237,282	284,738	332,194	379,651

WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



Total Cumulative Water Savings Projected for FY 2019

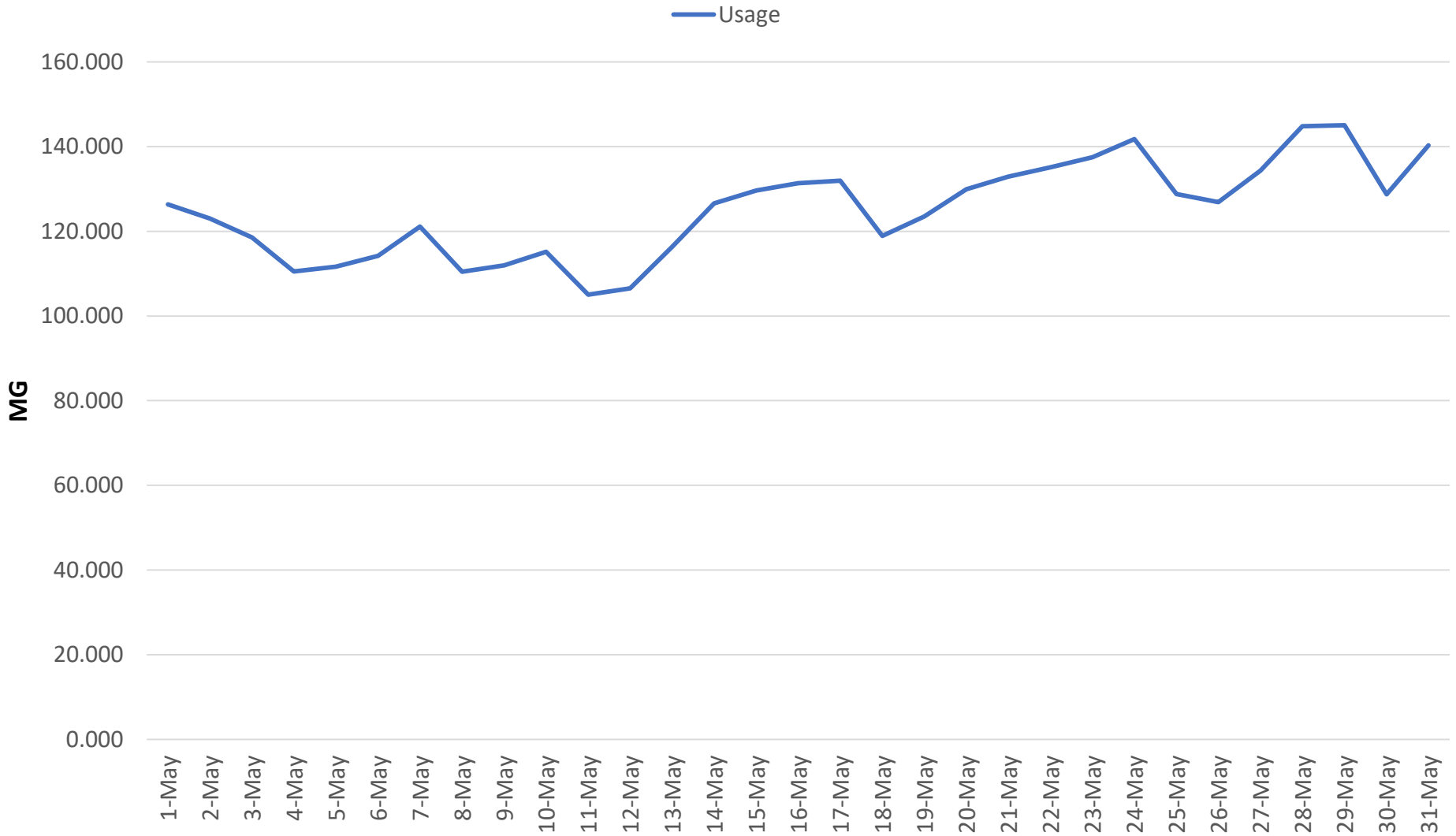


- Reclaimed Water
- Water Loss Reduction
- Watering Ordinance
- Rates
- Incentive Programs
- Other

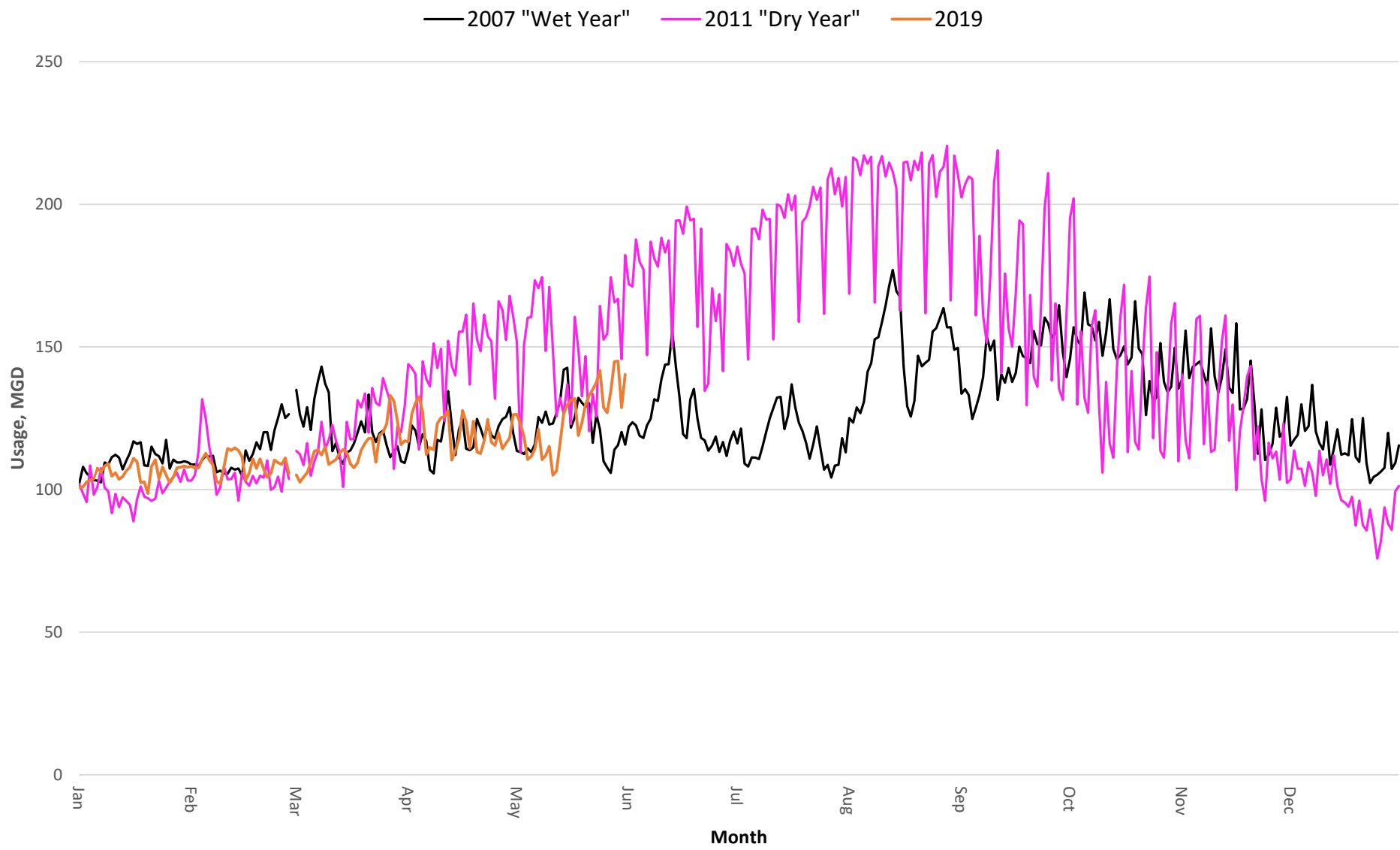
COST BENCHMARKS		
Benchmark	Peak \$/1,000 gallons	Average \$/1,000 gallons
Variable Water Treatment and Distribution Costs	\$0.46	\$0.46
Wastewater treatment costs	\$0.26	\$0.26
Treatment expansion	\$3.75	N/A
Avoided LCRA Payments	\$1.12	\$1.12

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	Variable	\$1.78	\$2.18	\$15,000	\$1,100
Landscape Survival Tools Rebate, SF	1 rebate	TBD	TBD	variable	TBD	15	0	1		0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$50,000	\$0	
Waterwise Landscape 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, MF	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	
Rainwater harvesting Non-Pressurized Capacity	1 gallon	TBD	TBD	variable	TBD	10	0	1		0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$2,000	\$0	
Rainwater harvesting 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	
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	\$0.13	\$20.00	\$20,000	\$6,667	
																Total			\$818,125	\$54,487
																% of Goal				6.66%

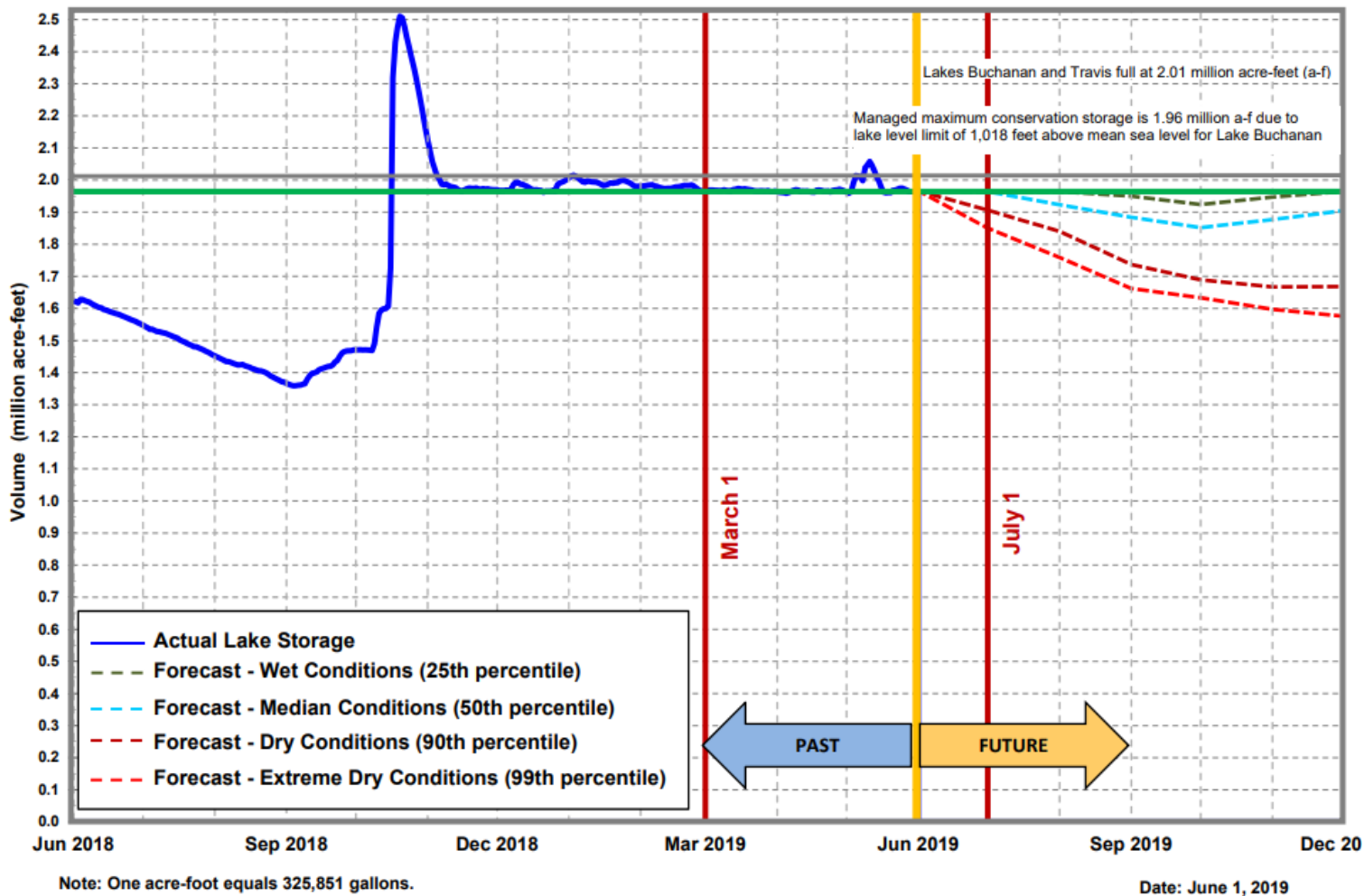
Daily Water Usage May 2019



Multi-Year Daily Water Usage



Total Combined Storage Projections



Highland Lakes Storage summary as of June 10, 2019
Combined lake storage: 1.967 million acre feet
Combined reservoir total: 98%

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

June & July Events

- ◆ June 8: Texas Brewshed Alliance official launch for Destination Brew Fest
- ◆ June 11: AEGB Water Efficiency Workshop
- ◆ June 19: Onsite Water Reuse Dialogue
- ◆ June 22: Controller 101 Workshop
- ◆ June 25: Alternative On-Site Water Use Workshop



**Alternative On-Site
Water Use Workshop**

*Save
the
Date*

*Designed for
building engineers,
design architects,
and developers
interested in
incorporating
innovative and cost
effective systems
into their building.*

FREE

June 25, 2019 • 9 AM - 4 PM
4800 Spicewood Springs
Austin, Texas 78759

Austin
WATER

- ◆ July 9: Water Forward Task Force Meeting
- ◆ July 23: Alternative Water Use Ordinance “Charrette”

Summer Savings Events with Austin Energy



- June 24: Spicewood Springs Branch Library
- July 11: Millennium Youth Complex
- July 17: St. Matthews Episcopal Church
- July 25: Shepherd of the Hills Presbyterian Church



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