



RMC Monthly Report

January 2019

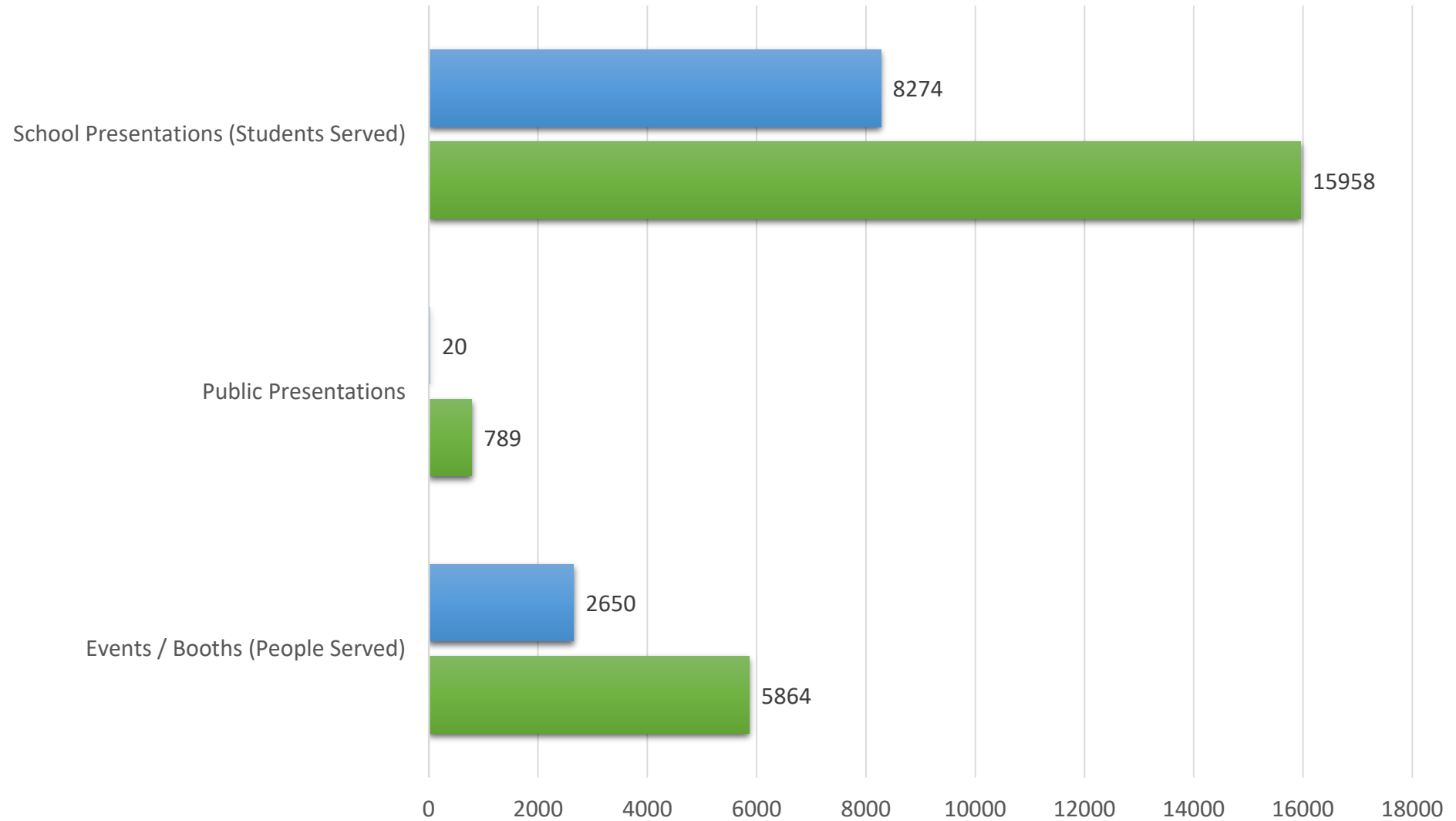
FY 19

Mark Jordan
Water Conservation Division
City of Austin | Austin Water

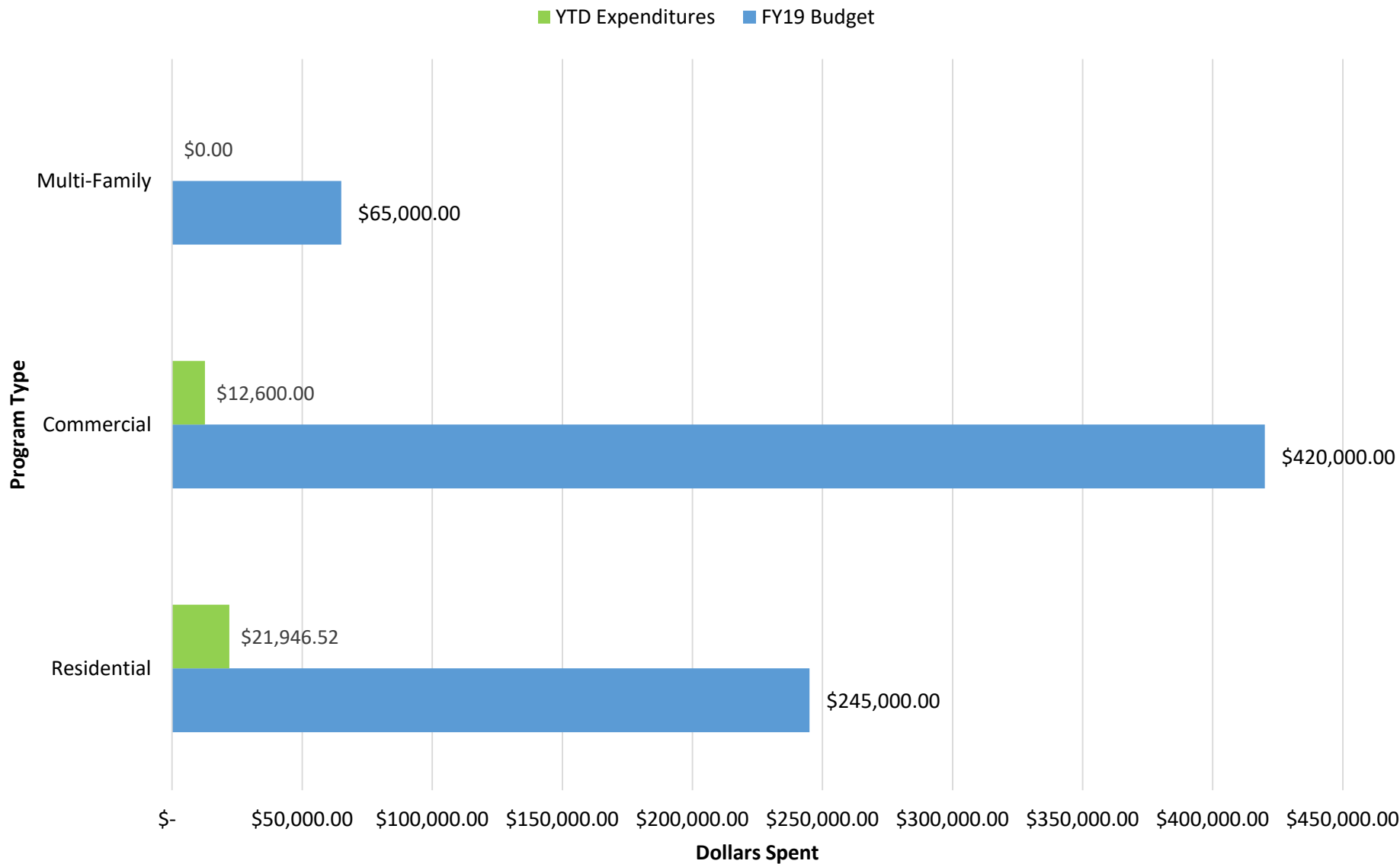


Public Outreach Activity

FY19 TD FY18

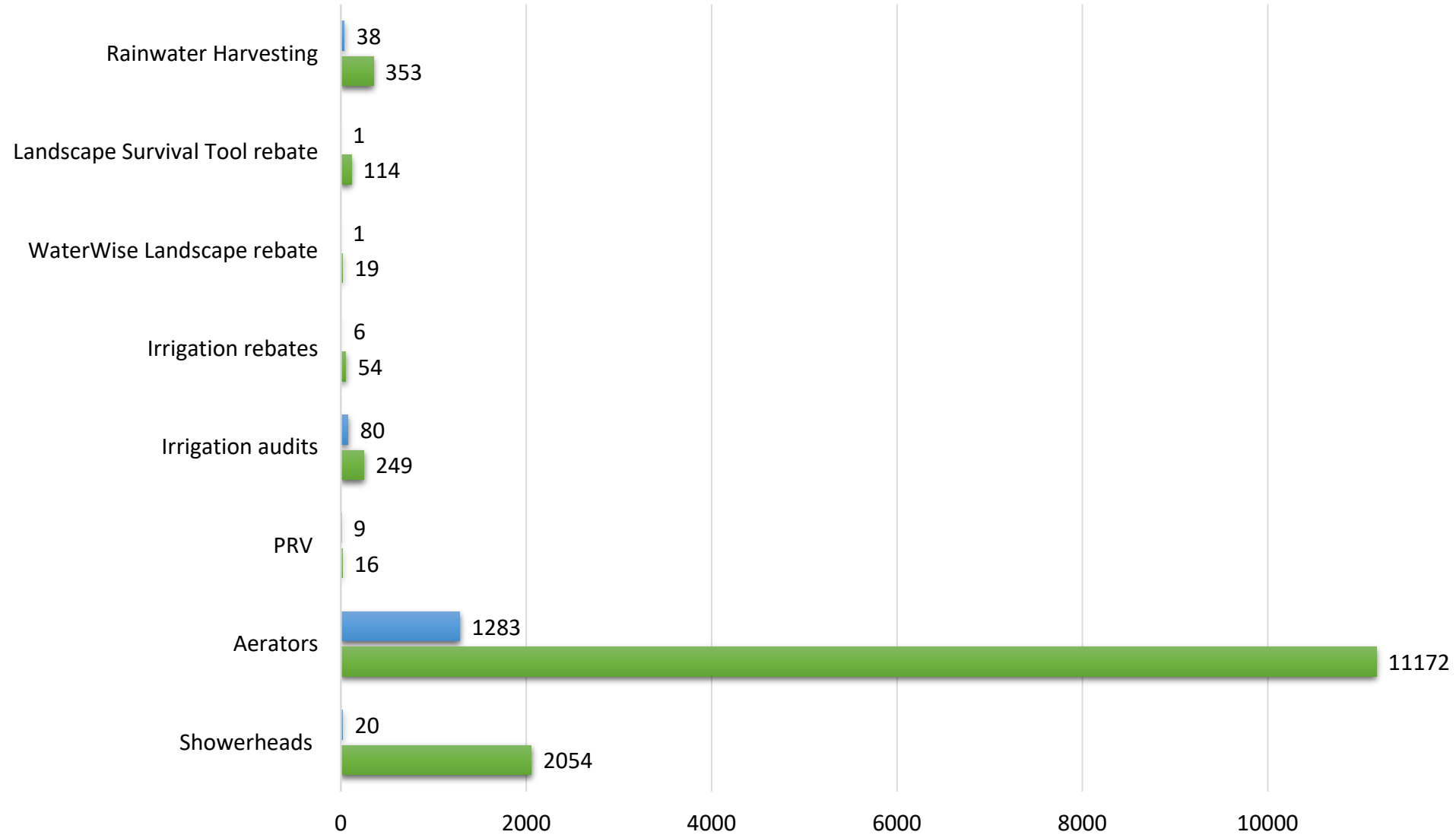


Rebates and Incentives, FY19 Budget

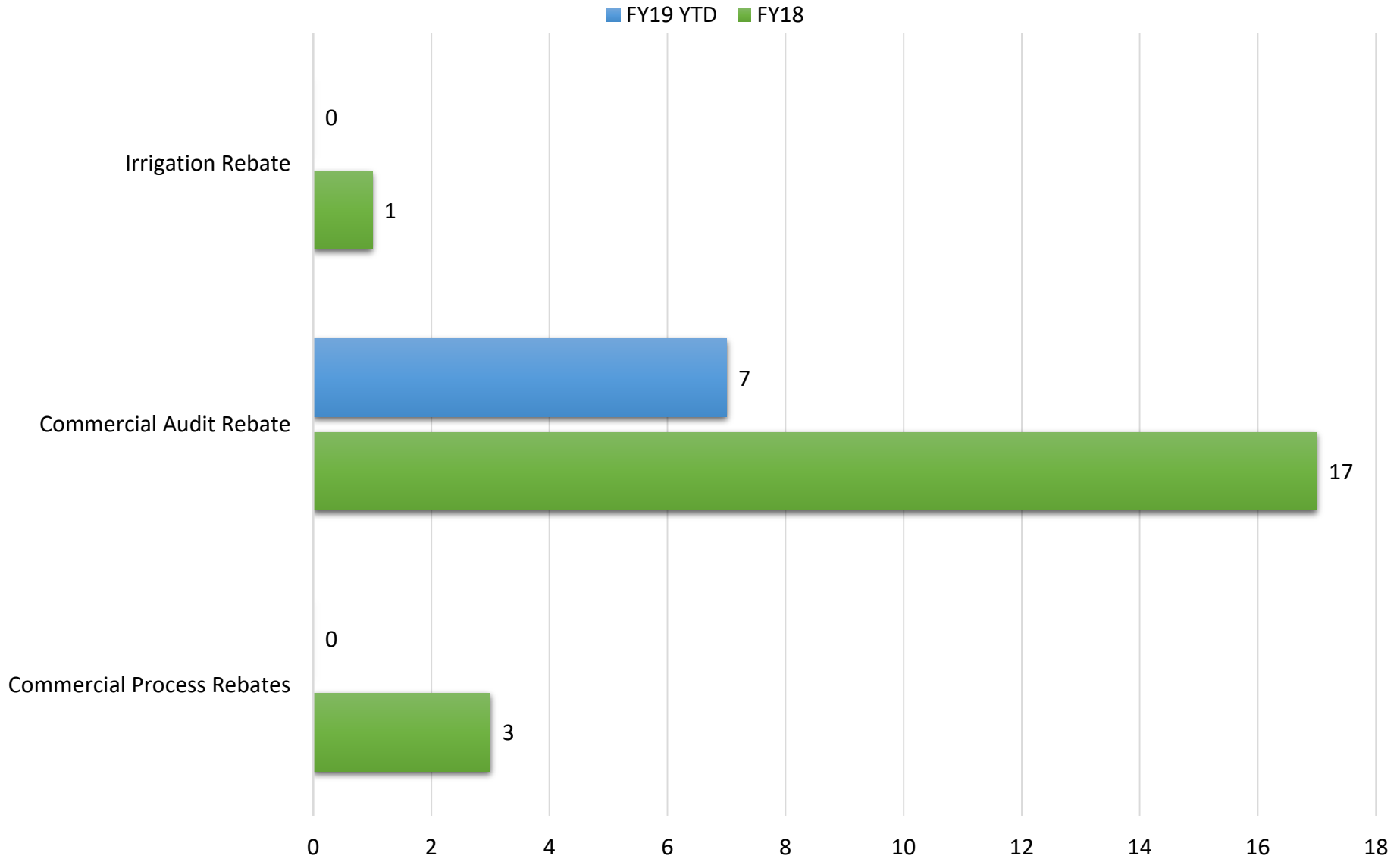


Residential Program Participation

FY19 YTD FY18

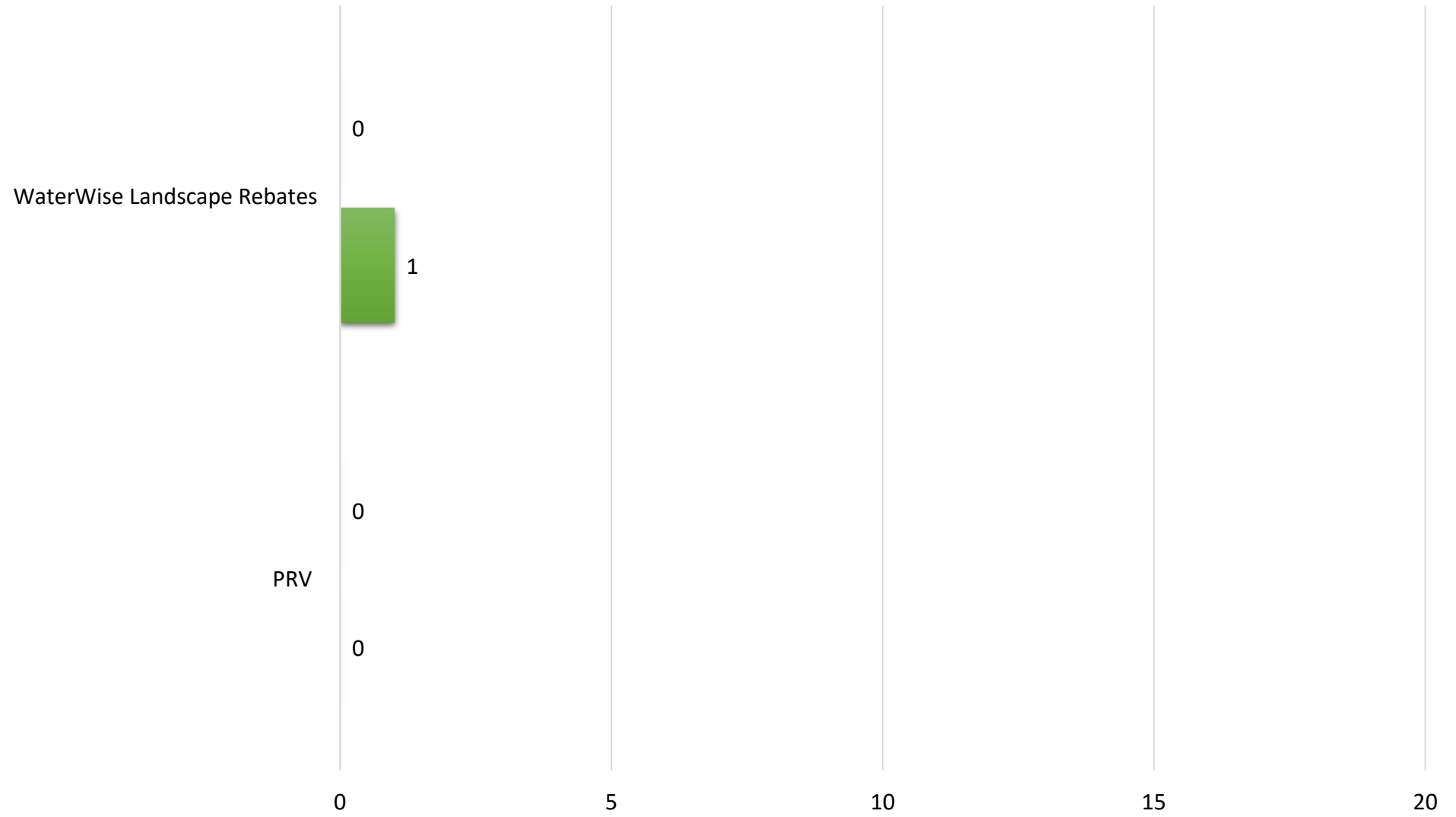


Commercial Program Participation

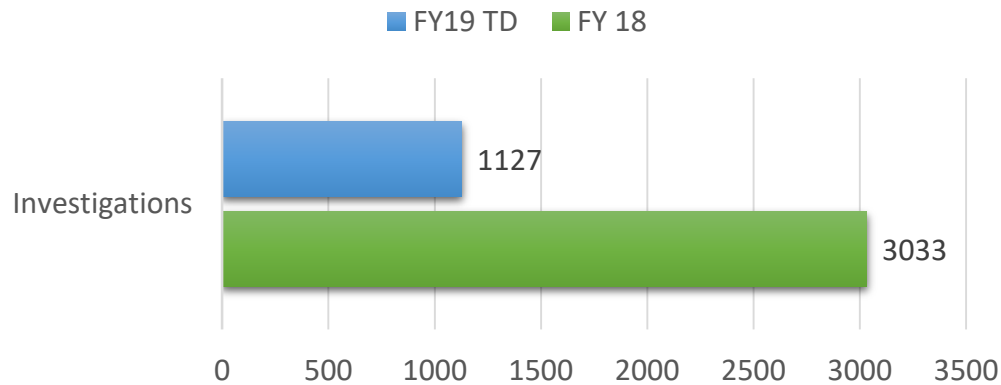


Multifamily Program Participation

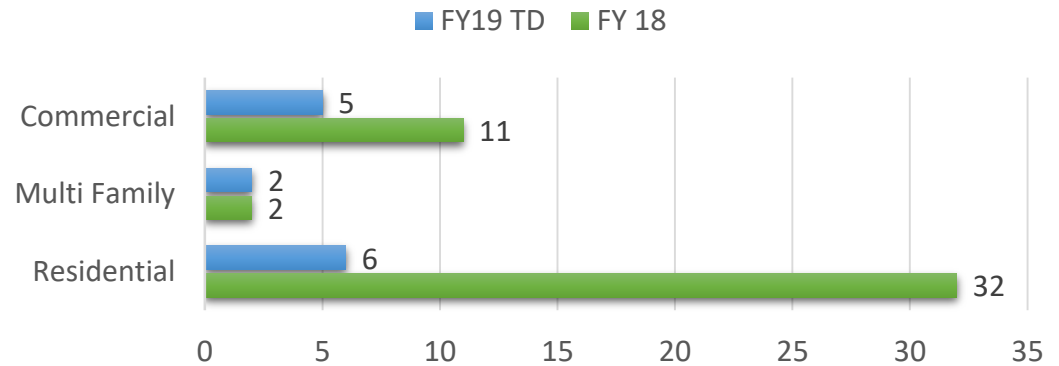
FY19 YTD FY18



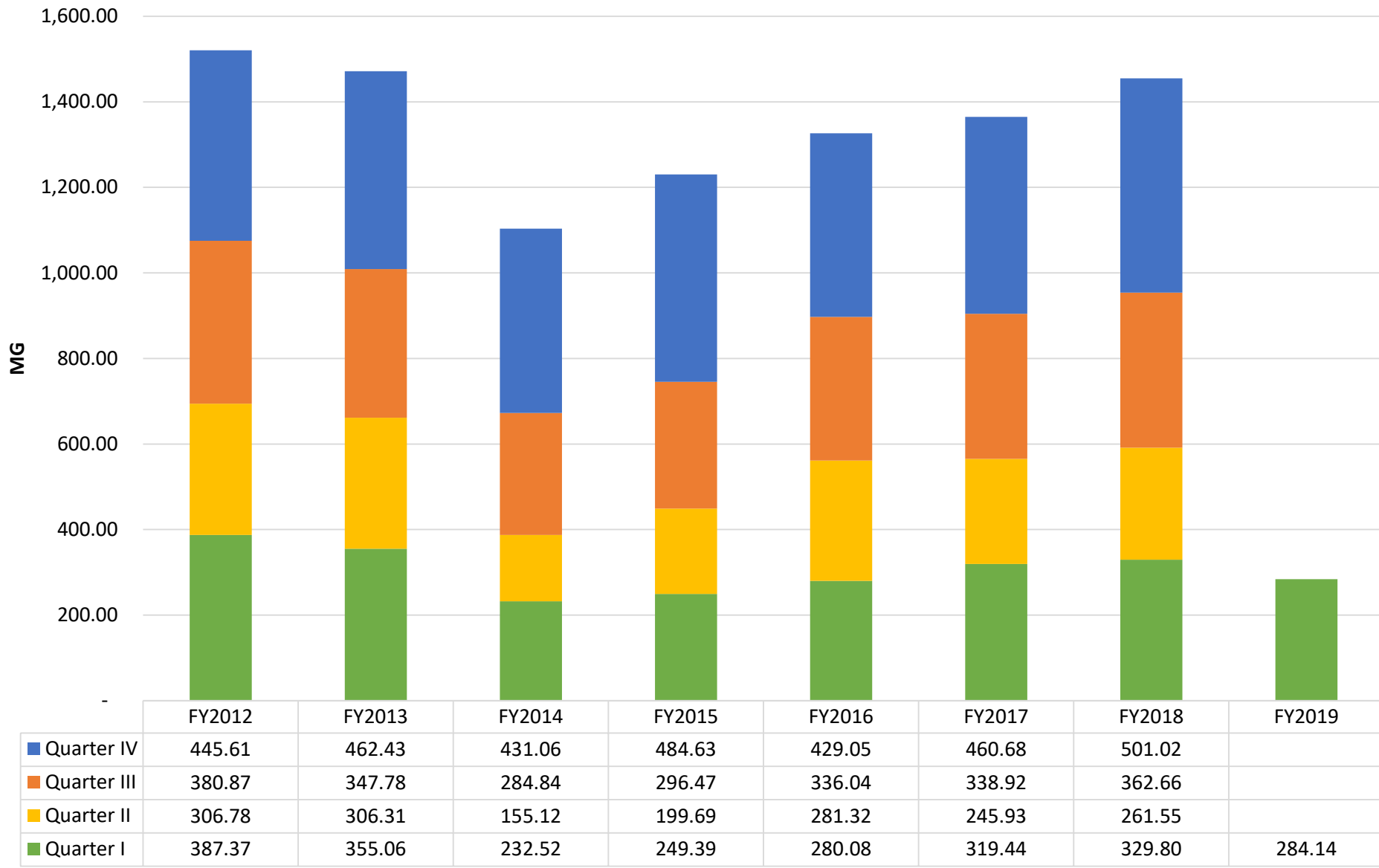
Enforcement Activity Investigations



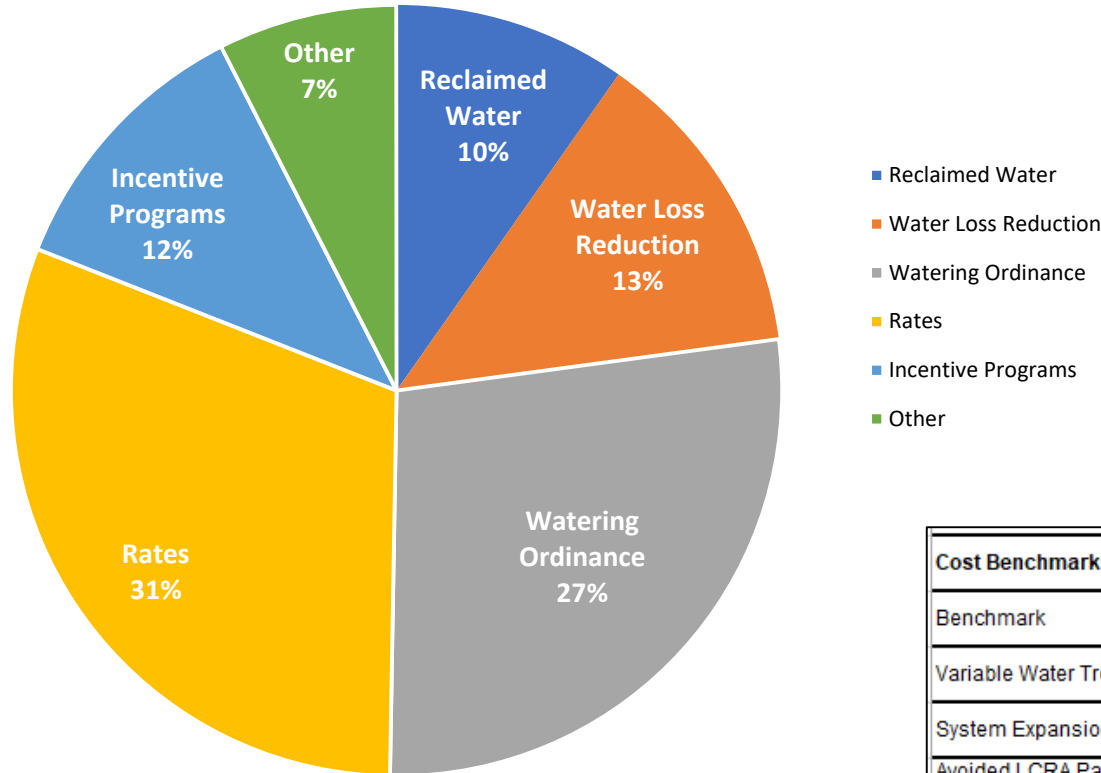
Enforcement Activity Fines / Citations



Reclaimed Water, MG



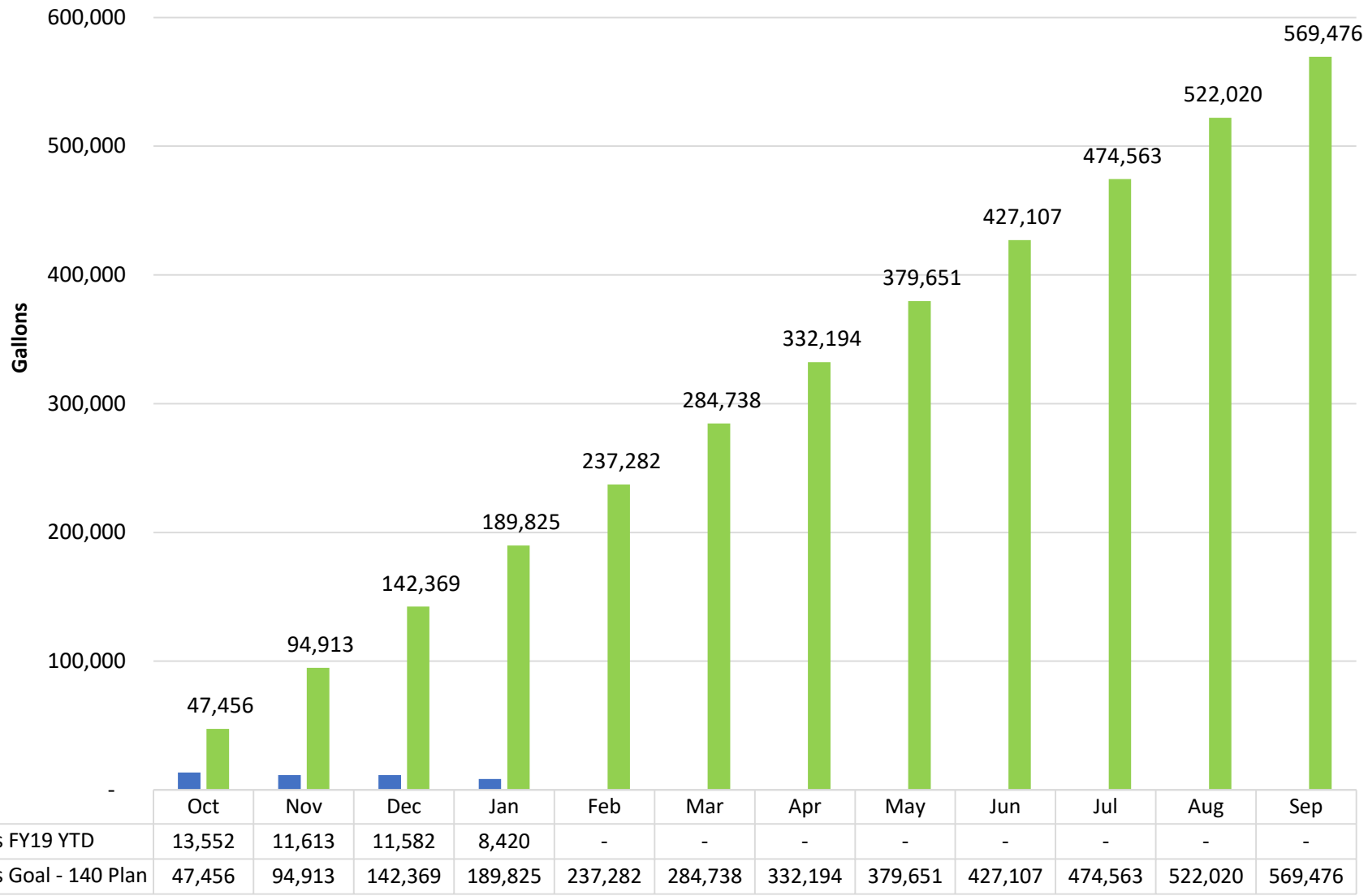
Total Cumulative Water Savings Projected for FY 2019



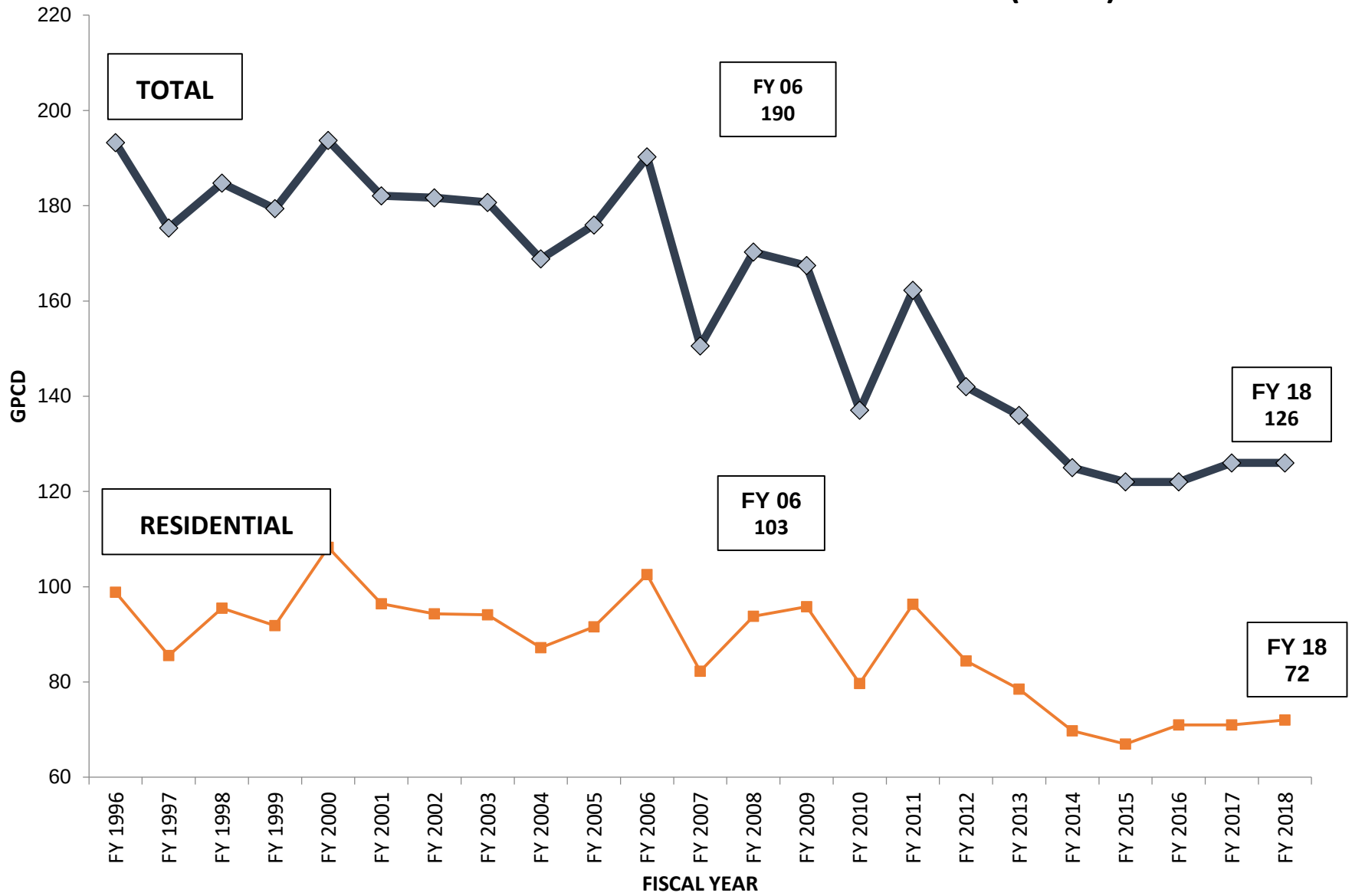
Cost Benchmarks		
Benchmark	Peak, \$/gallon of capacity	Average, \$/kgal
Variable Water Treatment and Distribution Costs	N/A	\$0.35 (approximate)
System Expansion	\$3.75+ (approximate)	N/A
Avoided LCRA Payments	N/A	\$0.28

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%	

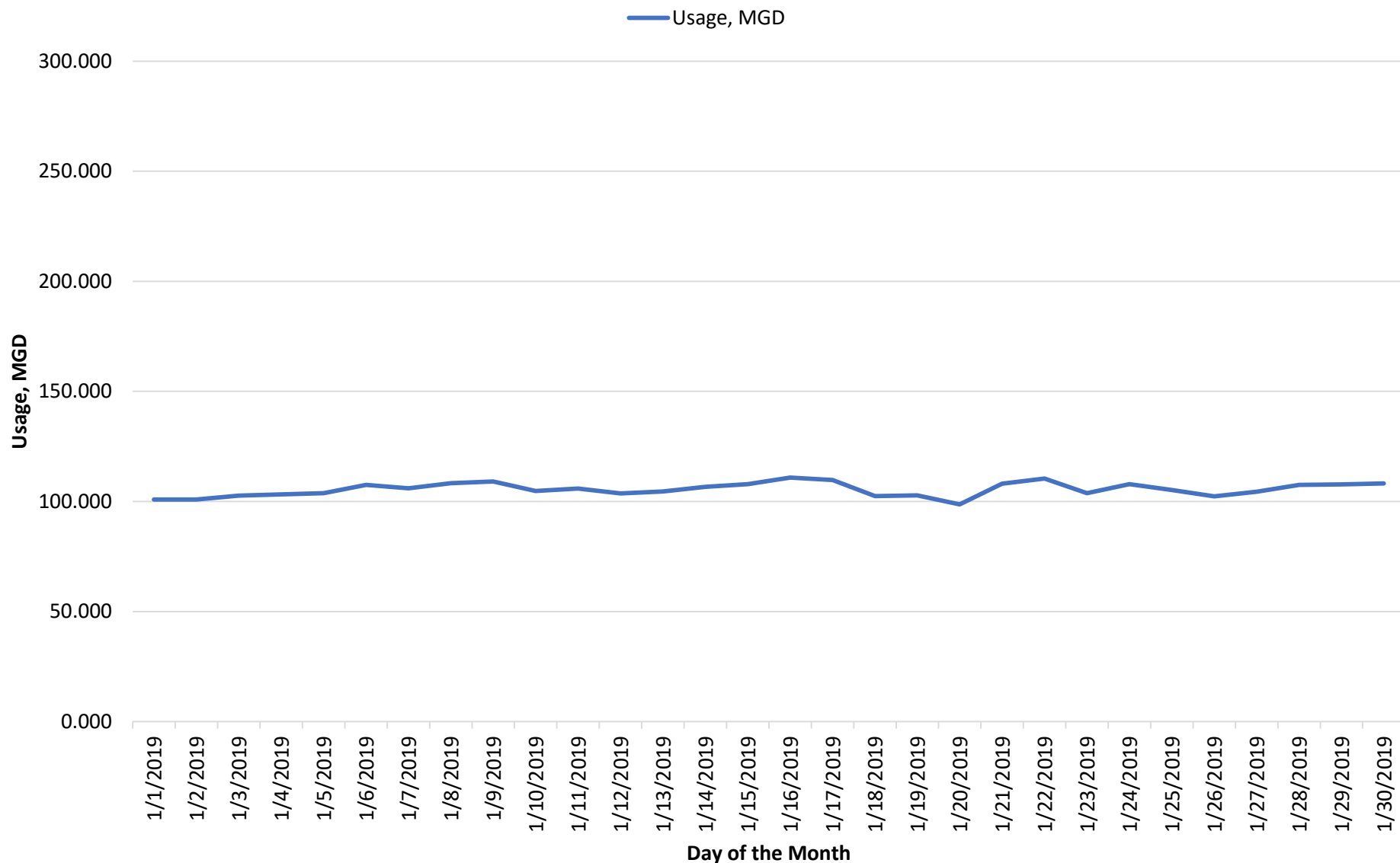
Total Peak Water Savings from Reported Programs FY 2019 YTD



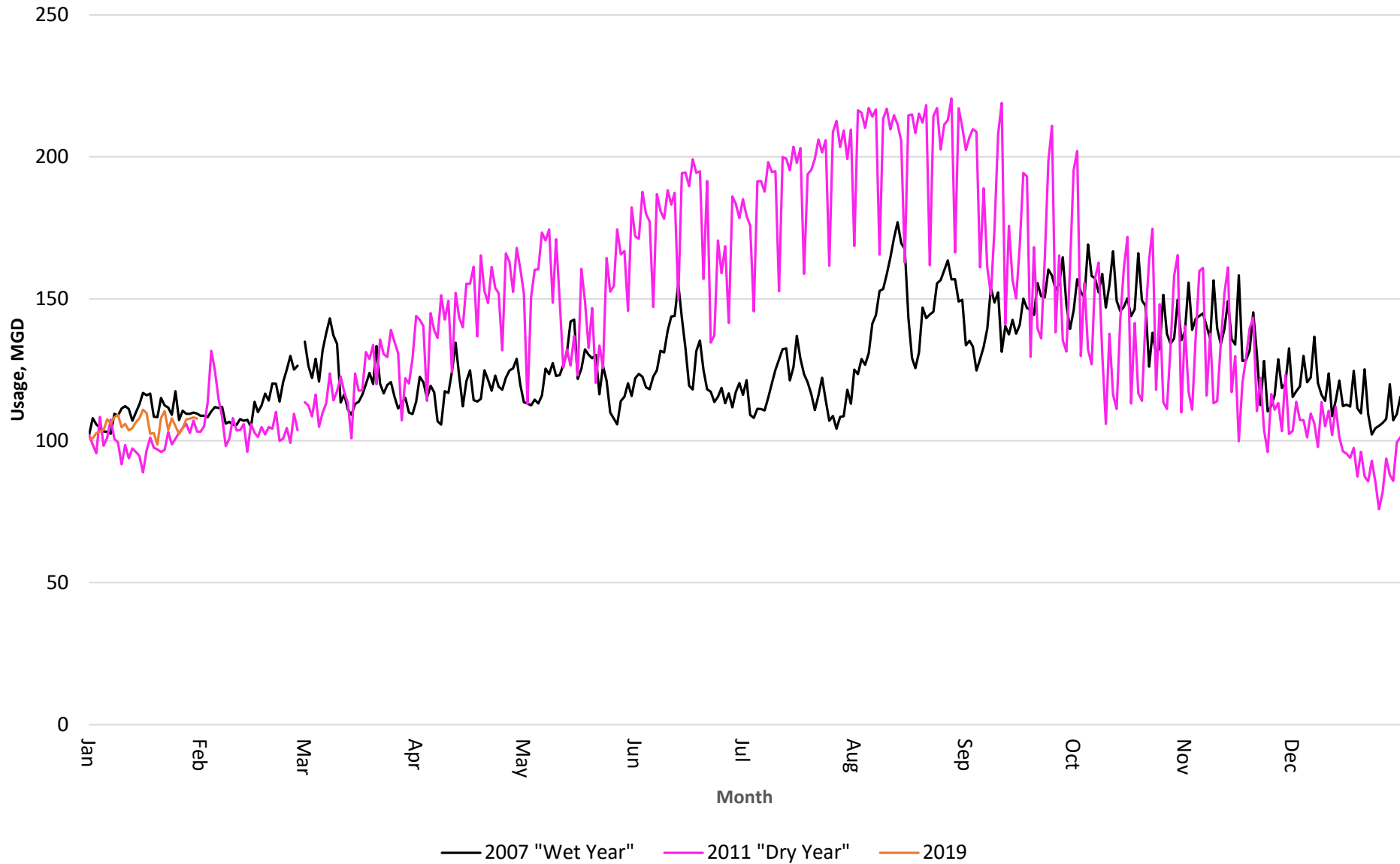
WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



Daily Water Usage, January 2019



Multi-Year Daily Water Usage



**Conservation
Stage:**
Above 1.4
MAF

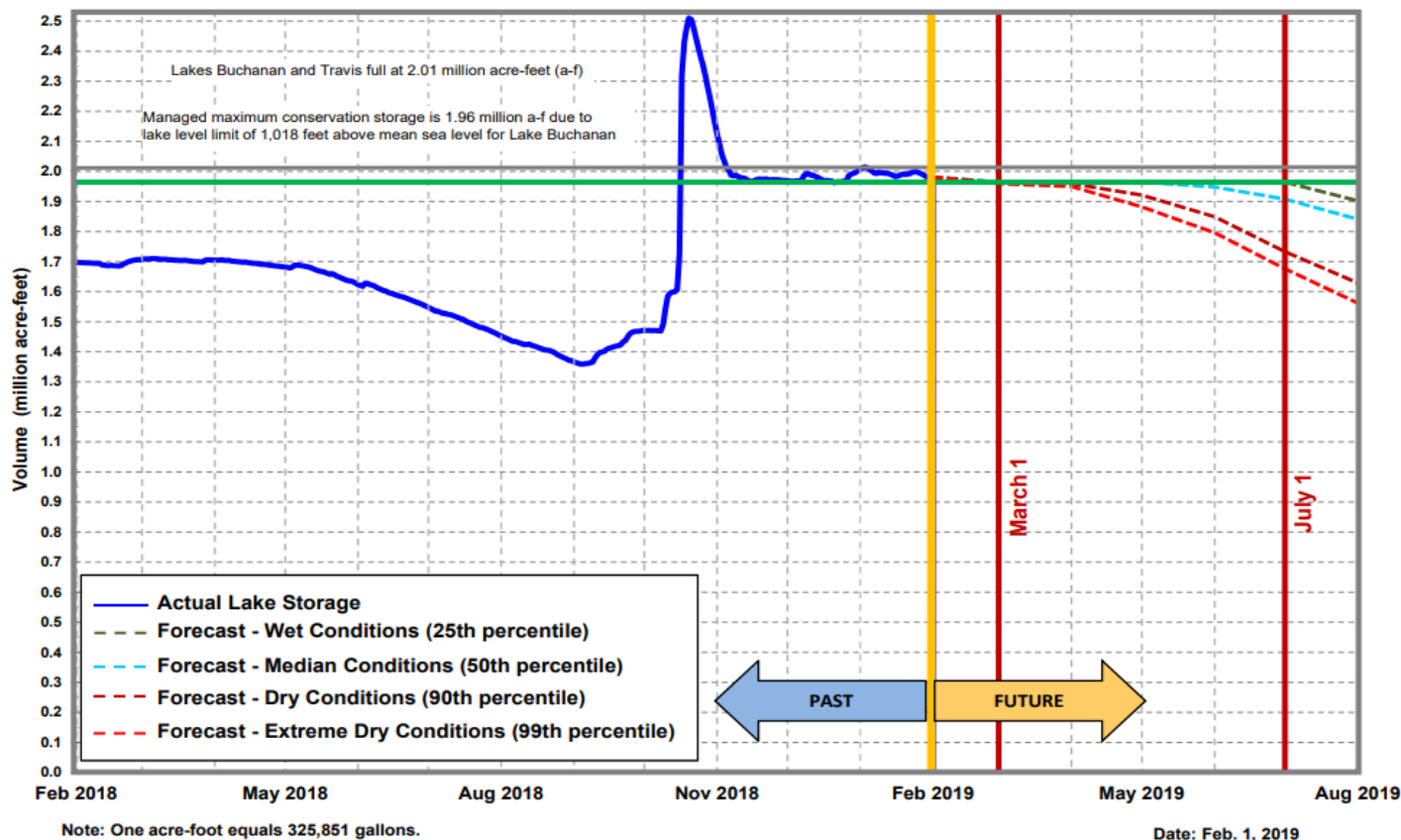
Stage I:
1.4 MAF

Stage II:
900,000 AF

Stage III:
600,000 AF

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

Lakes Buchanan and Travis Total Combined Storage Projections



Highland Lakes Storage summary as of February 1, 2019
Combined lake storage: 1.973 million acre feet
Combined reservoir total: 98%