



# RMC Monthly Report

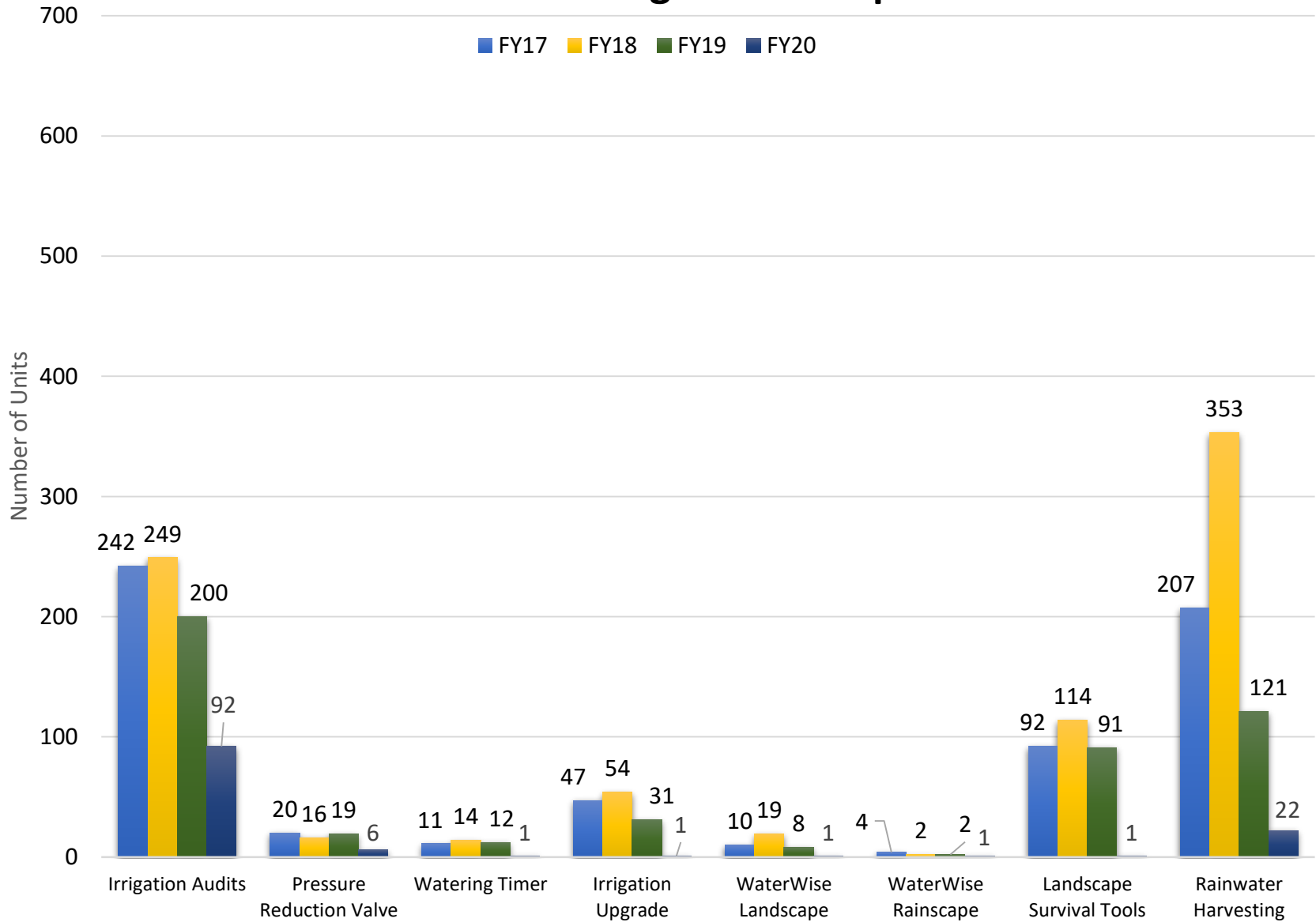
## November 2019

### FY20

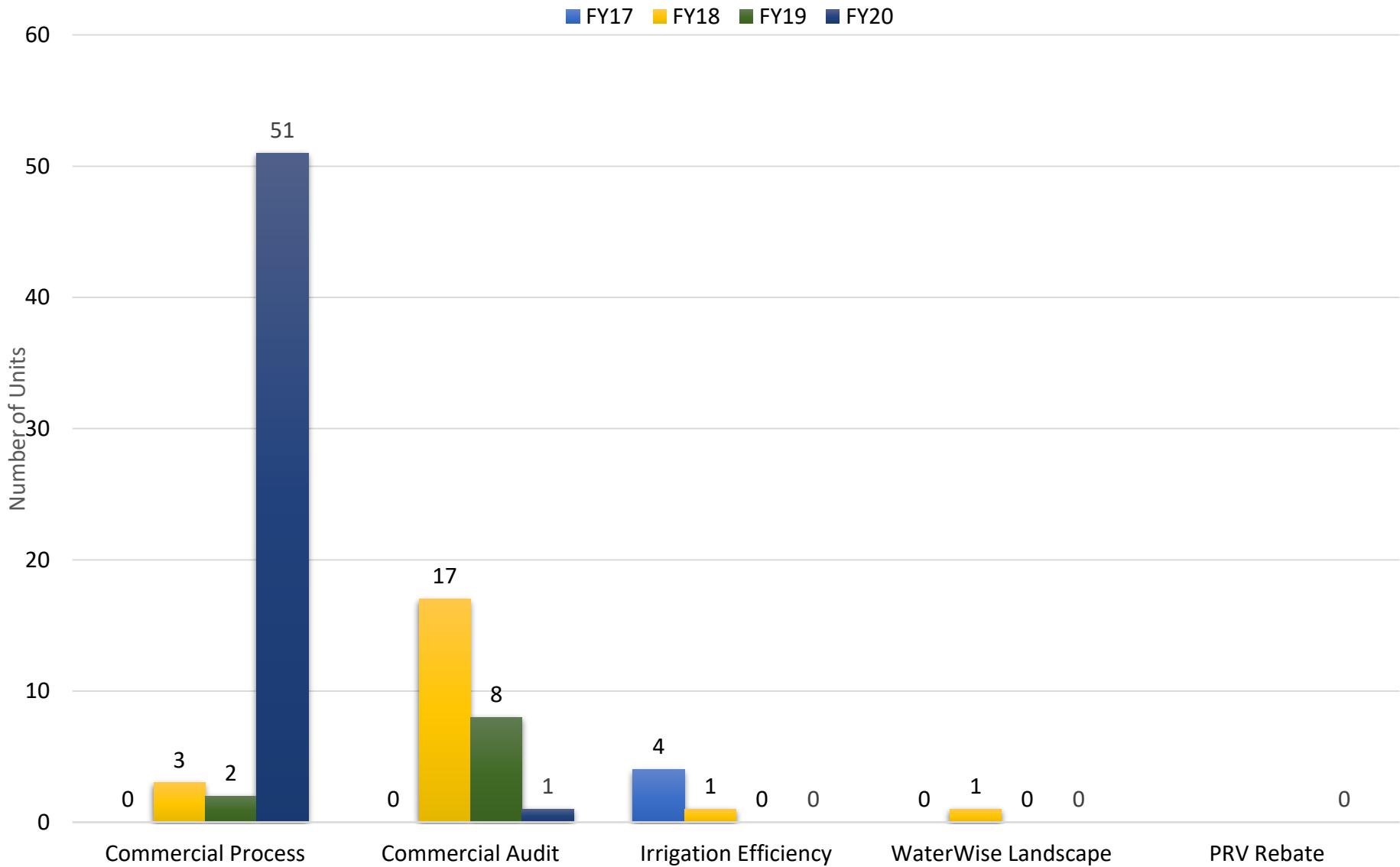
Mark Jordan  
Water Conservation Division  
City of Austin | Austin Water



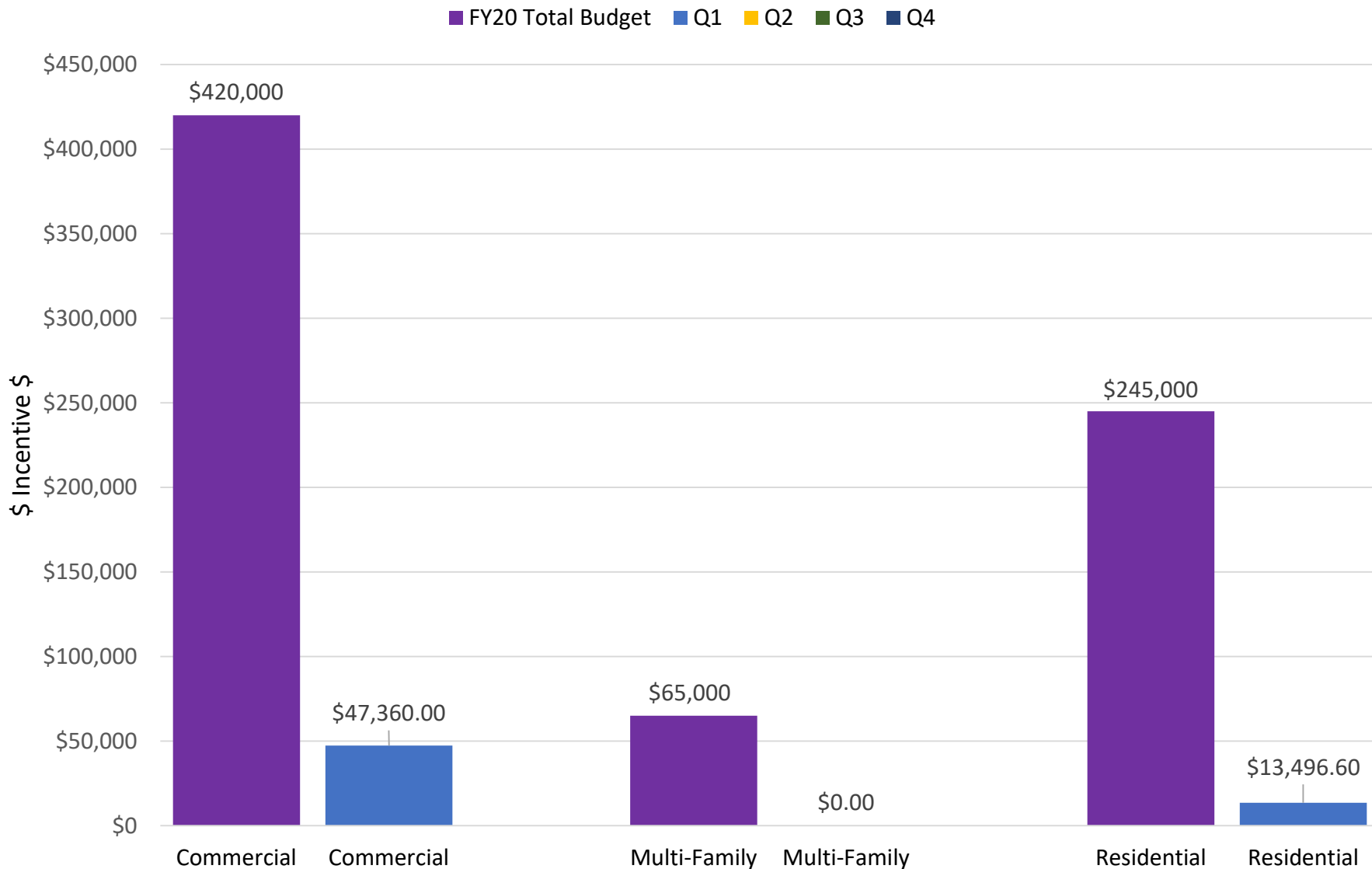
# Residential Program Participation



# Commercial & Multifamily Program Participation

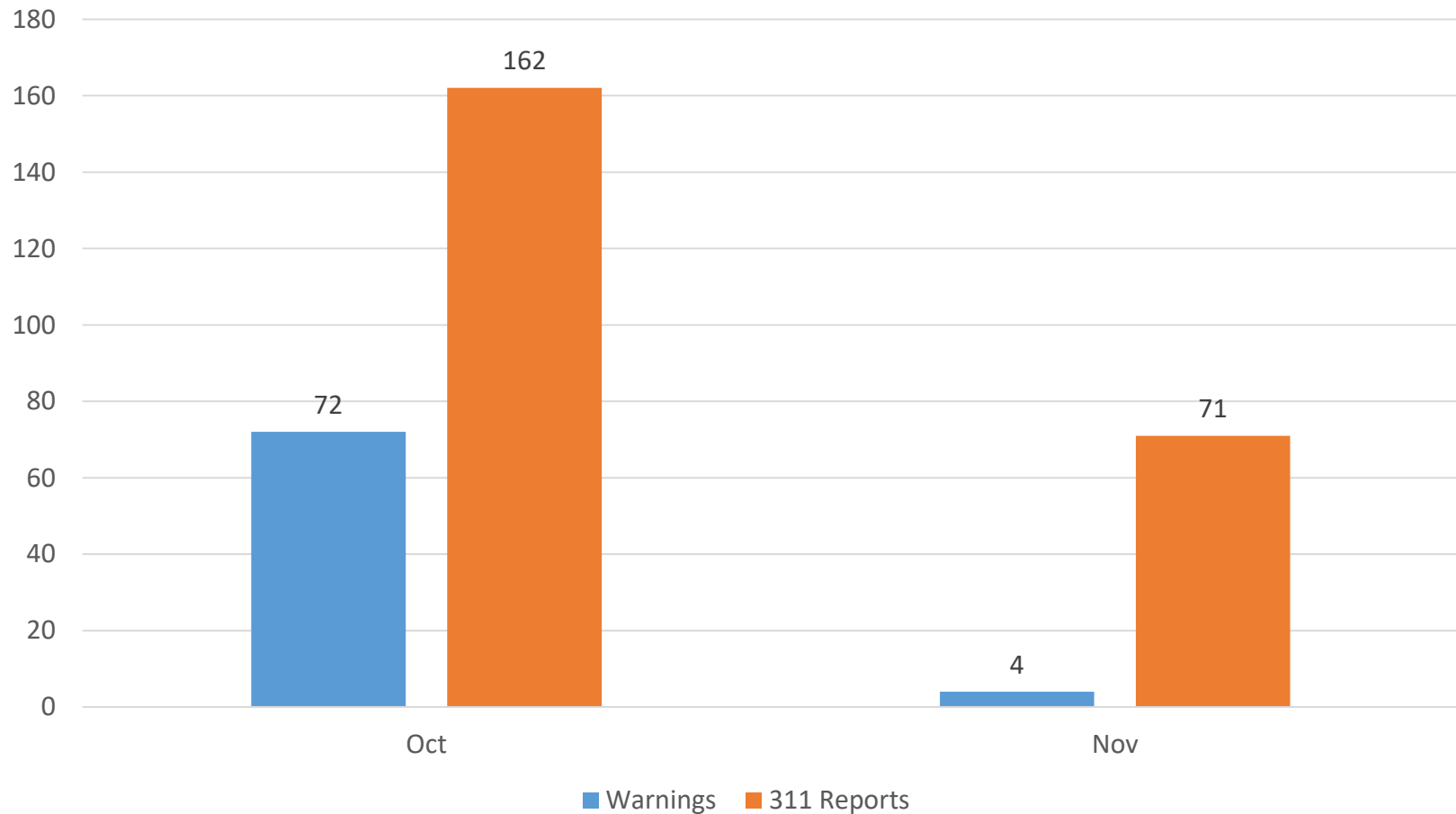


# Rebates and Incentives Budget, FY20 YTD



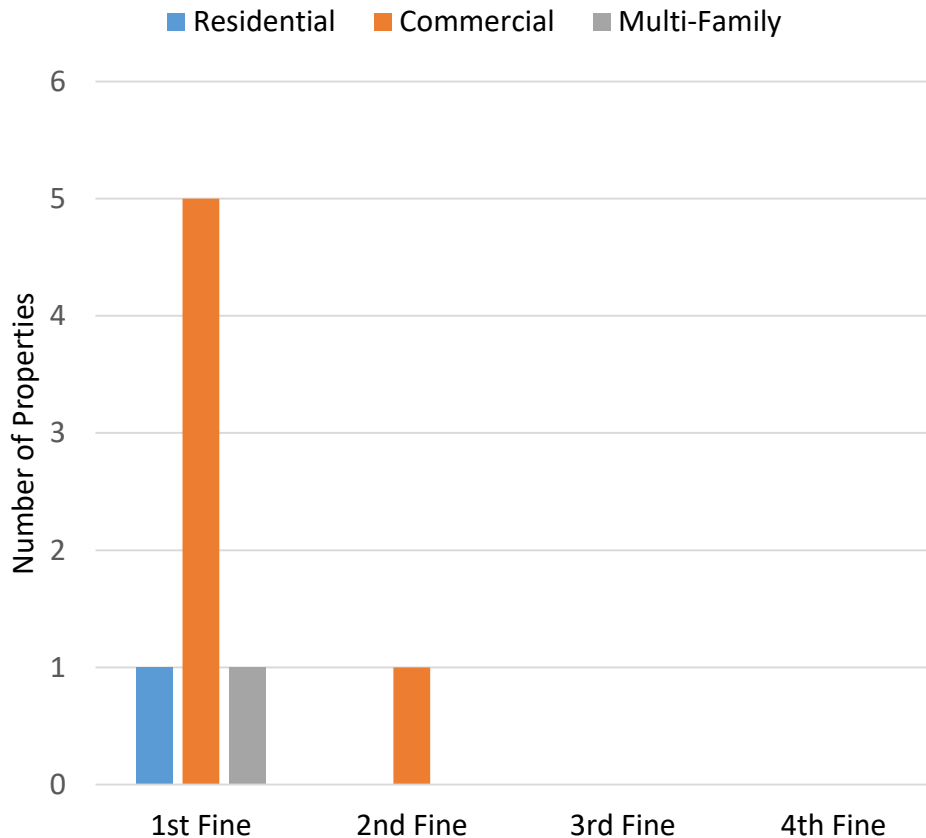
# Water Waste Enforcement Activity

## Warnings and 311 Reports



# Water Waste Enforcement Activity

## FY20 YTD Administrative Fines

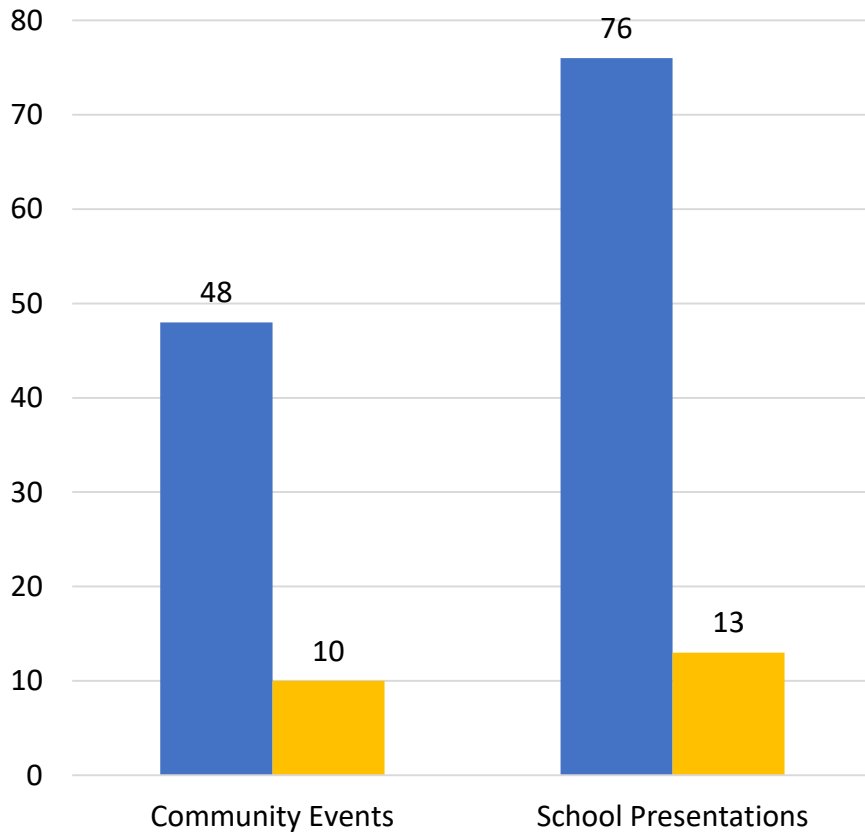


- 7 properties fined
- 0 appeals filed
- 0 appeals overturned

# Public Outreach Activity

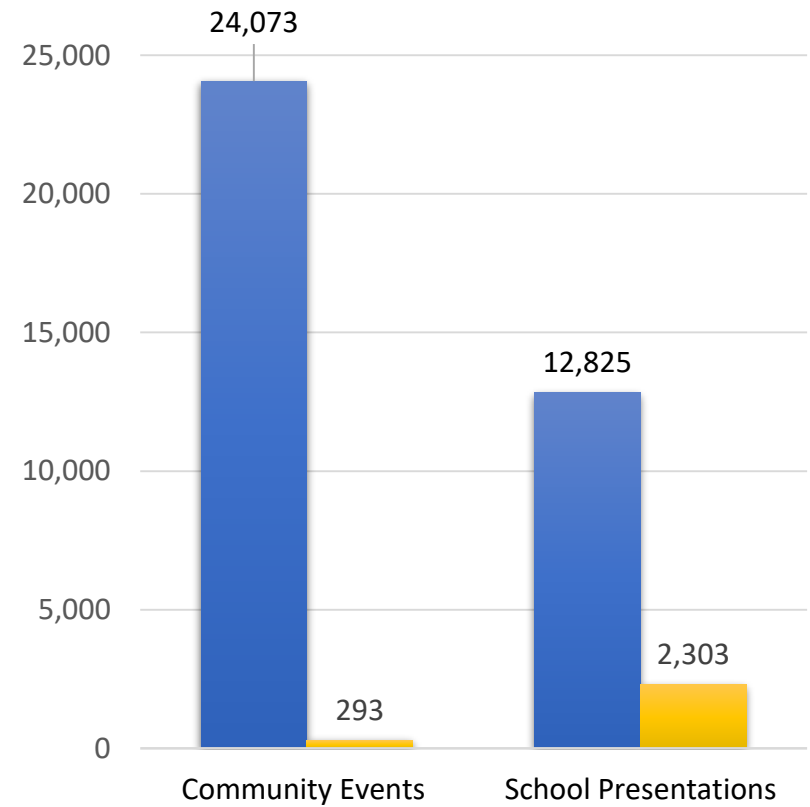
## Number of Events

FY19 FY20

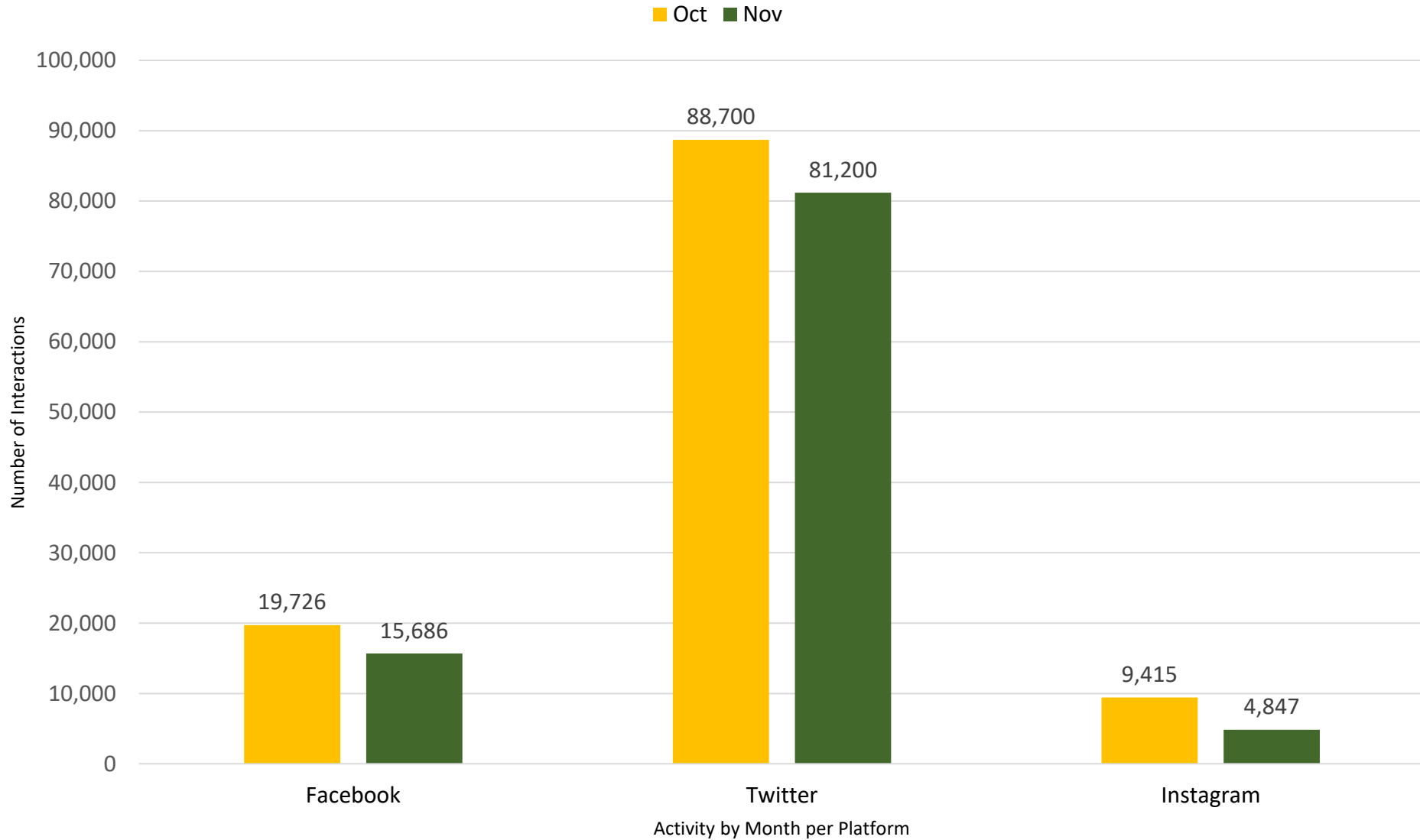


## Populations Reached

FY19 FY20

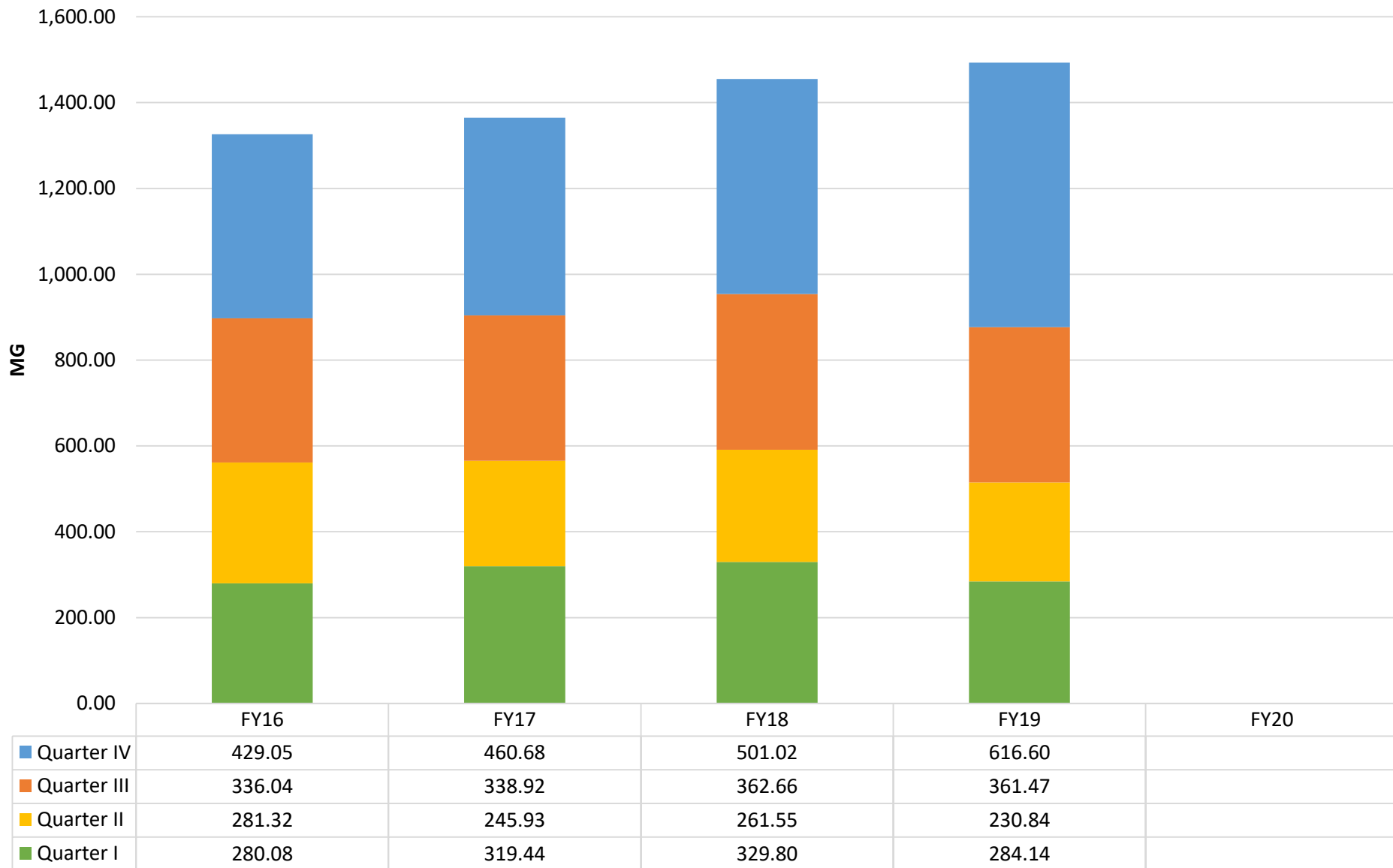


## Social Media Activity, FY20

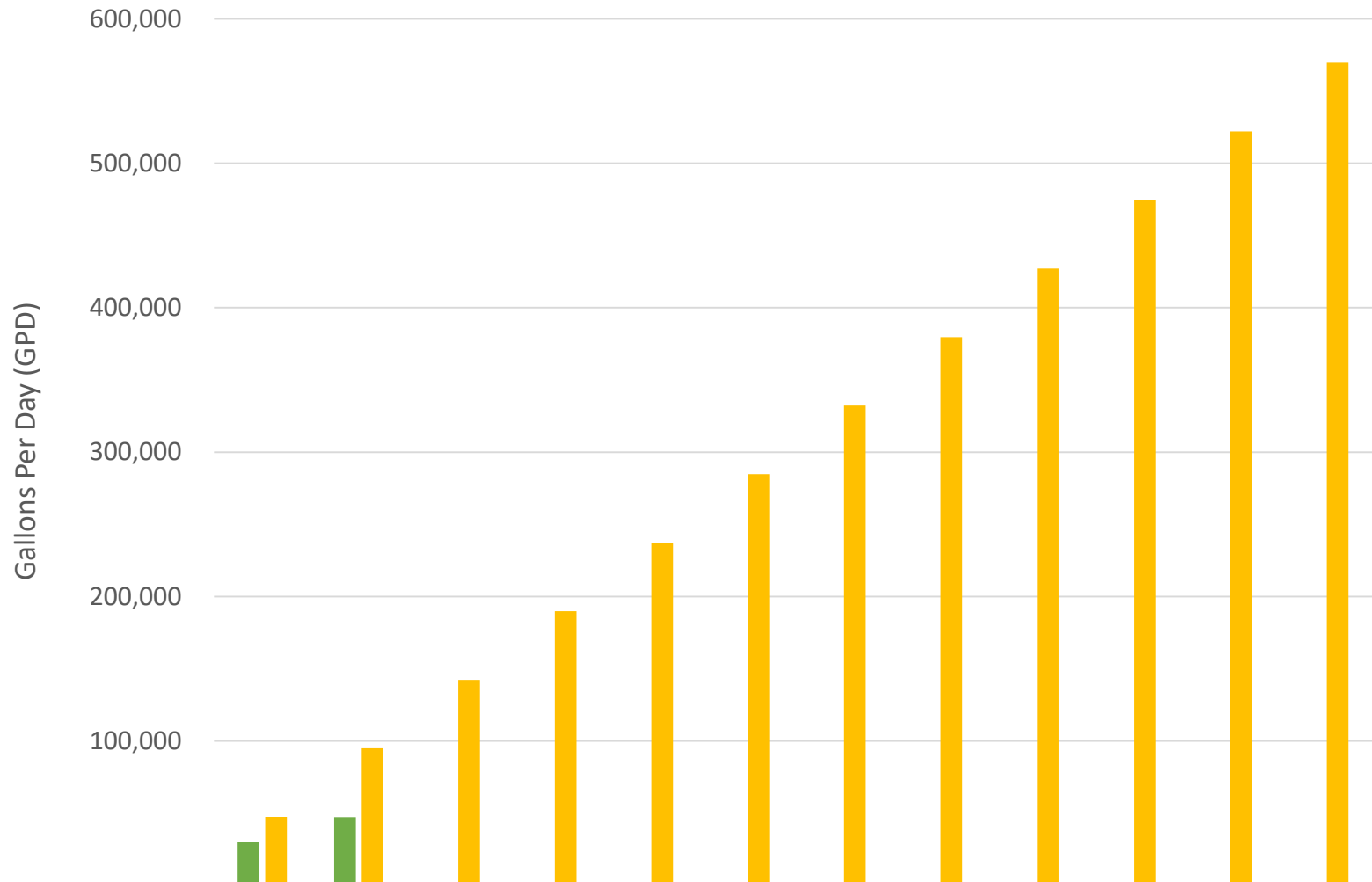




# Reclaimed Water

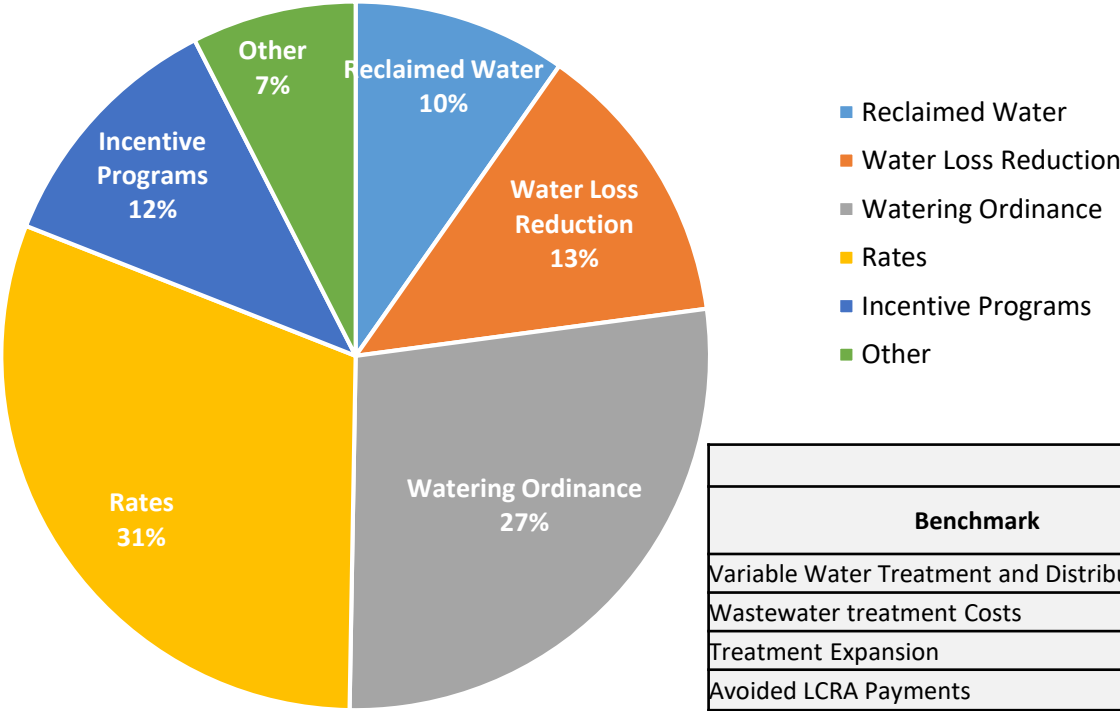


# Cumulative Total Peak Water Savings, Gallons Per Day (GPD)



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Total Peak Savings	30,16	47,26	-	-	-	-	-	-	-	-	-	-
Peak Savings Goal	47,45	94,91	142,3	189,8	237,2	284,7	332,1	379,6	427,1	474,5	522,0	569,4

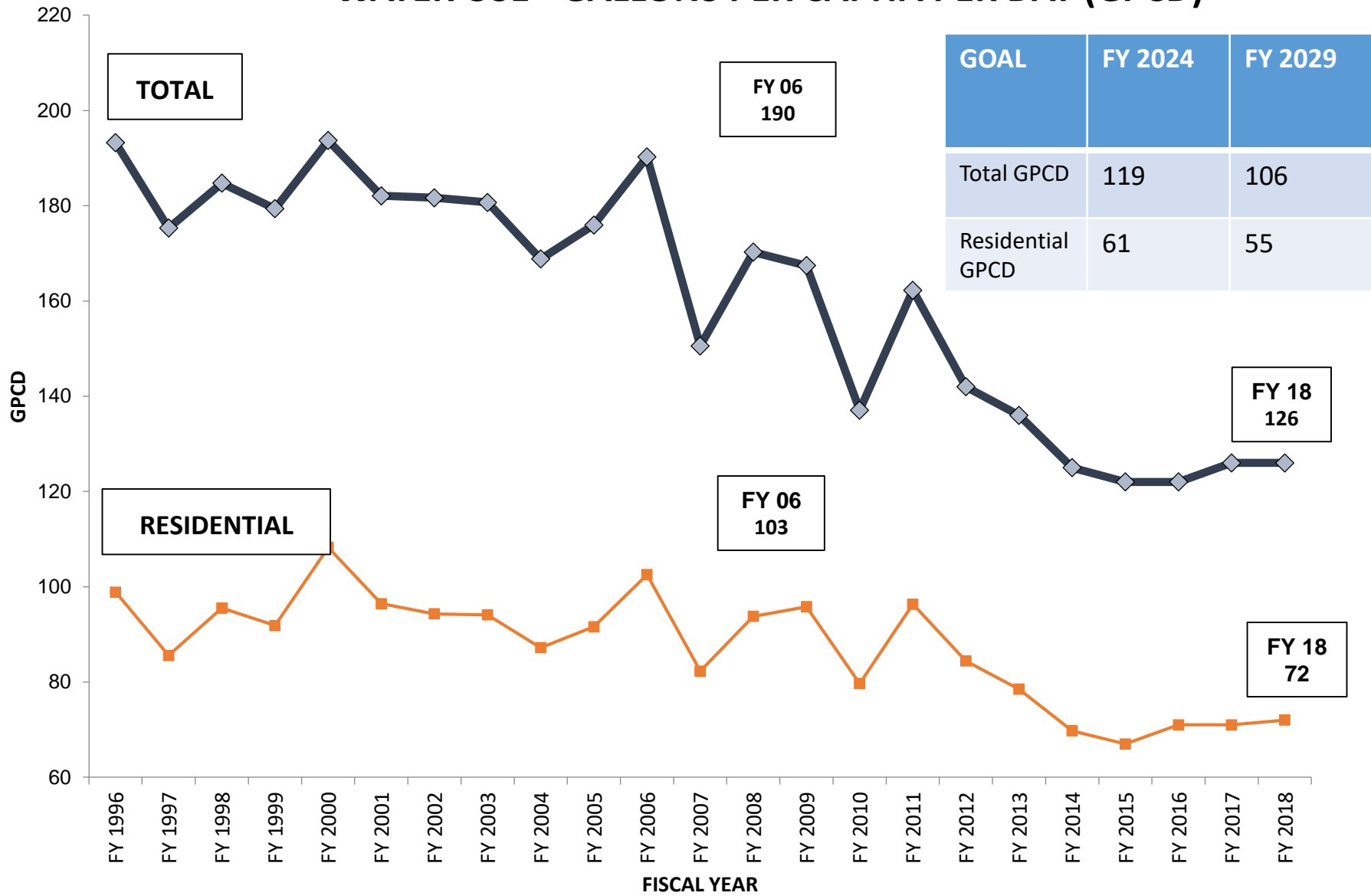
# Total Cumulative Water Savings Projected for FY 2019



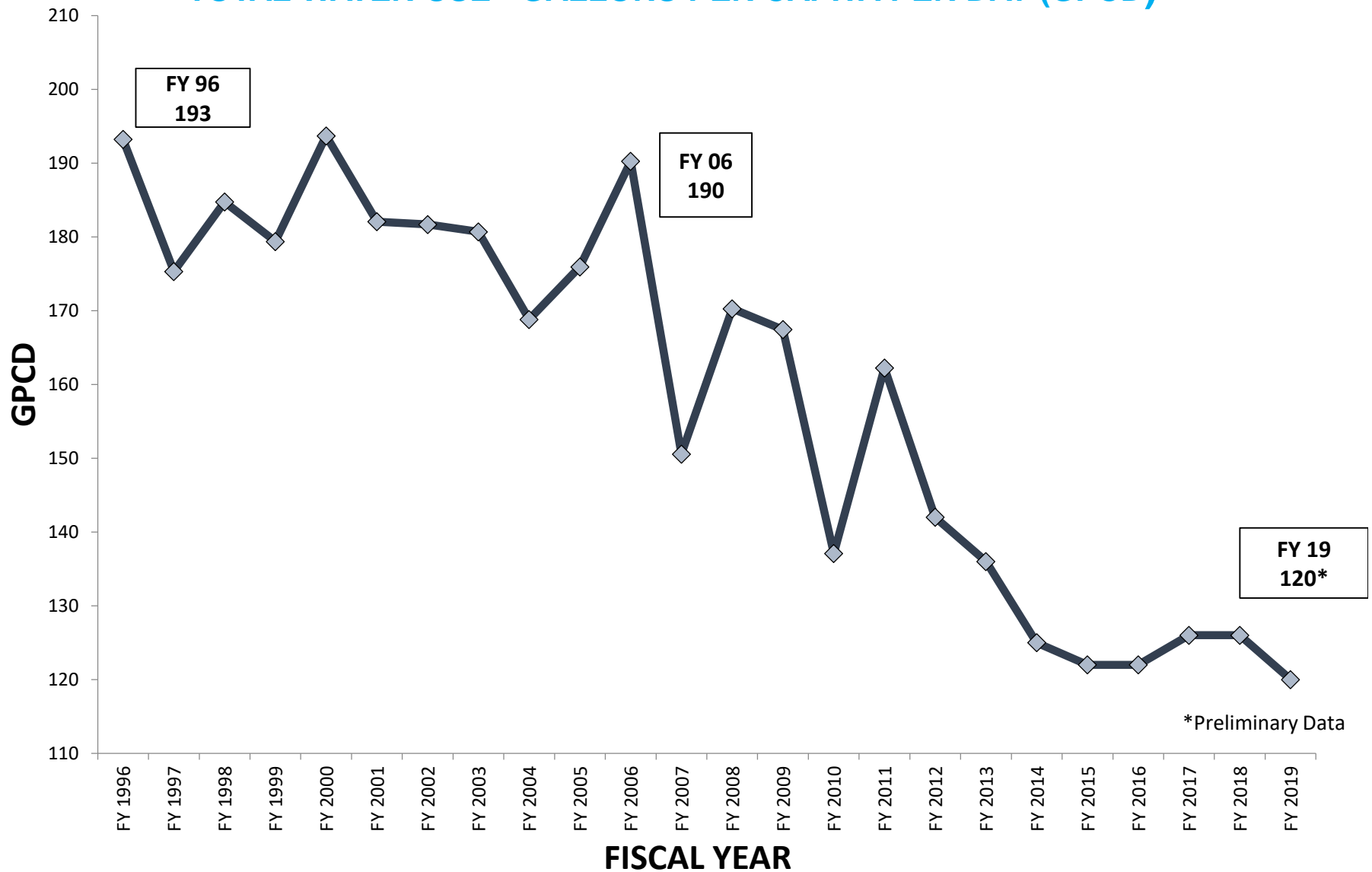
COST BENCHMARKS		
Benchmark	Peak \$/1,000 gallons	Average \$/1,000 gallons
Variable Water Treatment and Distribution Costs	\$0.46	\$0.46
Wastewater treatment Costs	\$0.26	\$0.26
Treatment Expansion	\$3.75	N/A
Avoided LCRA Payments	\$1.12	\$1.12

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)

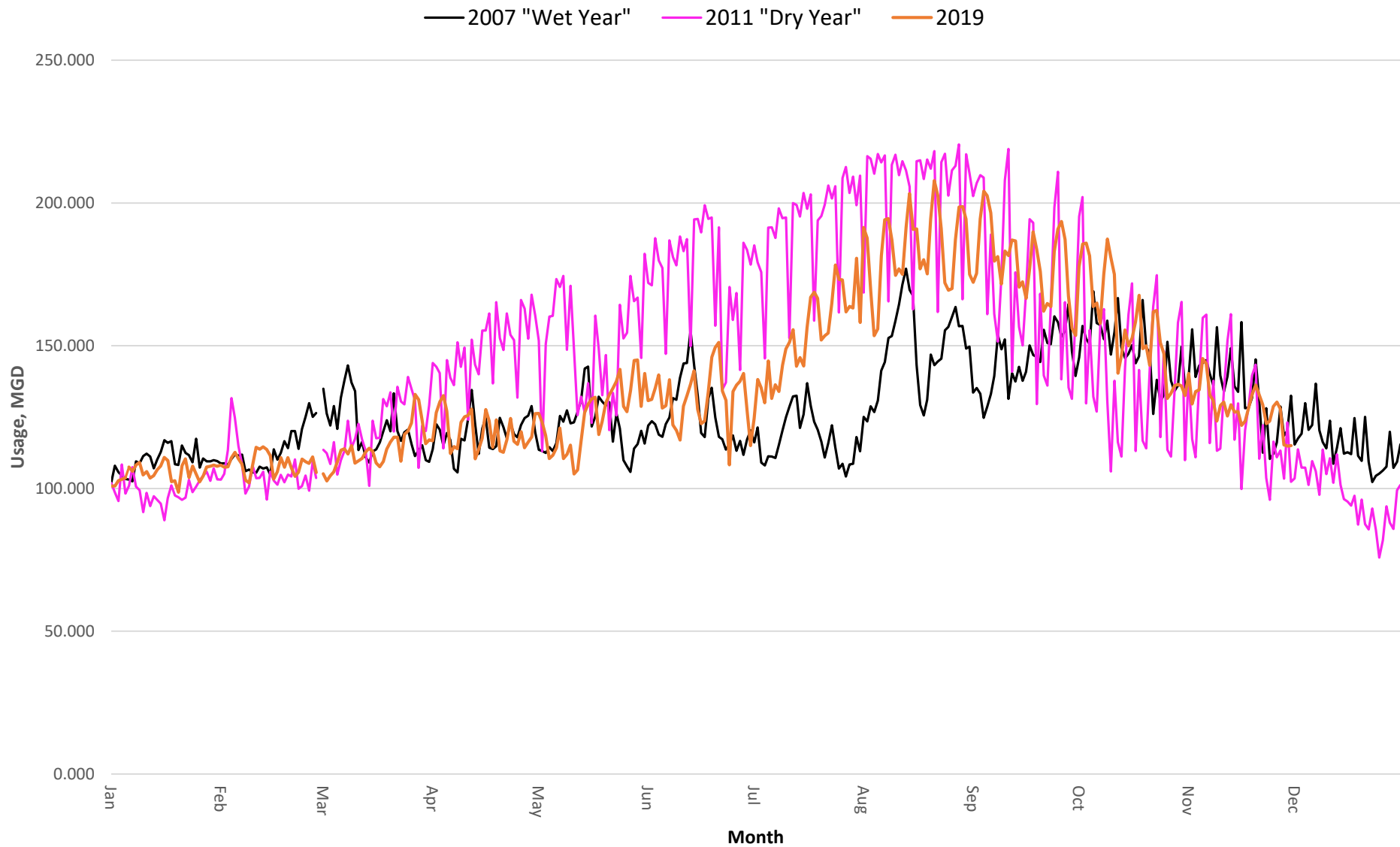


## TOTAL WATER USE - GALLONS PER CAPITA PER DAY (GPCD)

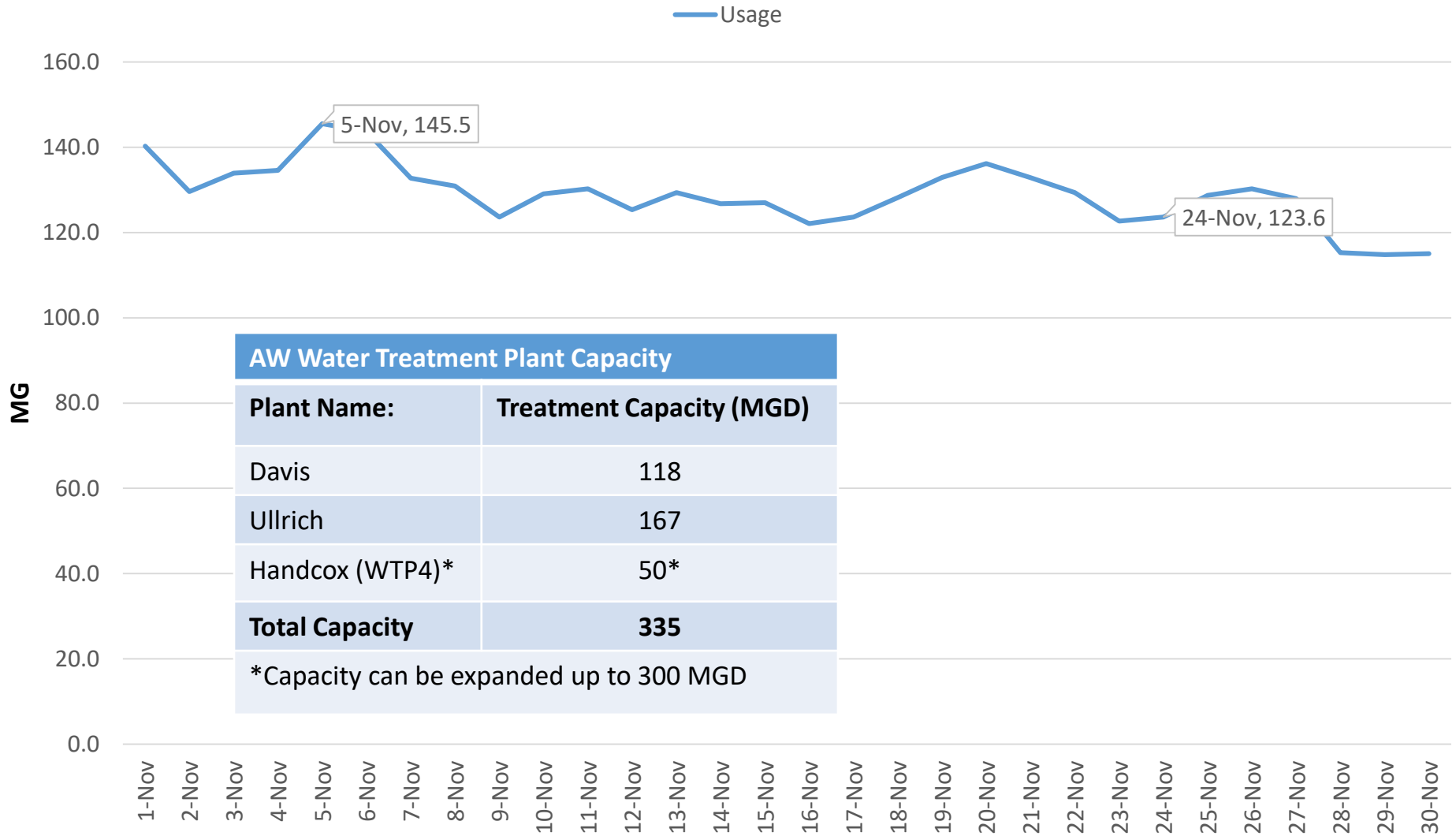


\*Preliminary Data

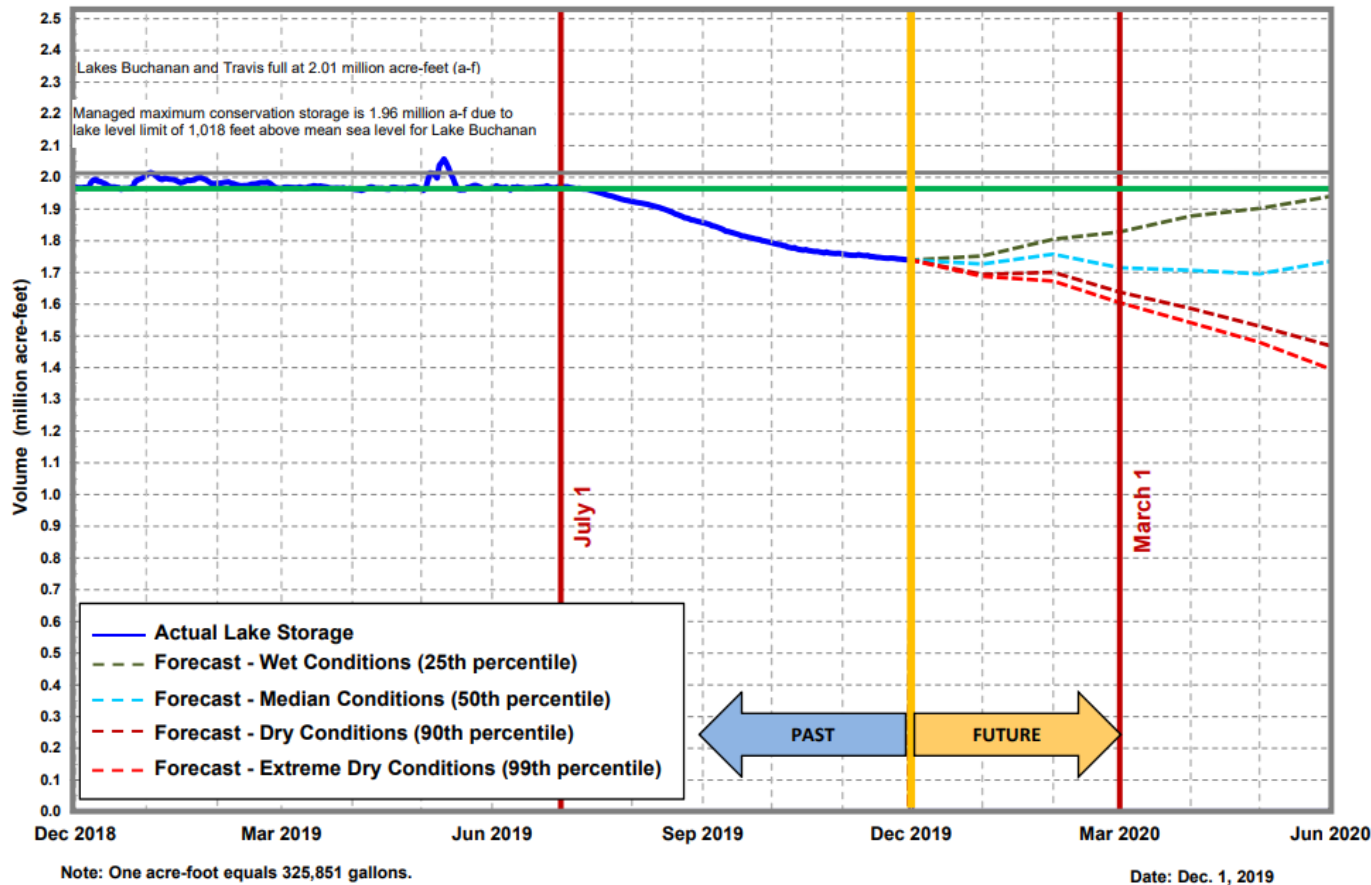
# Multi-Year Daily Water Usage



# Daily Water Usage November 2019



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

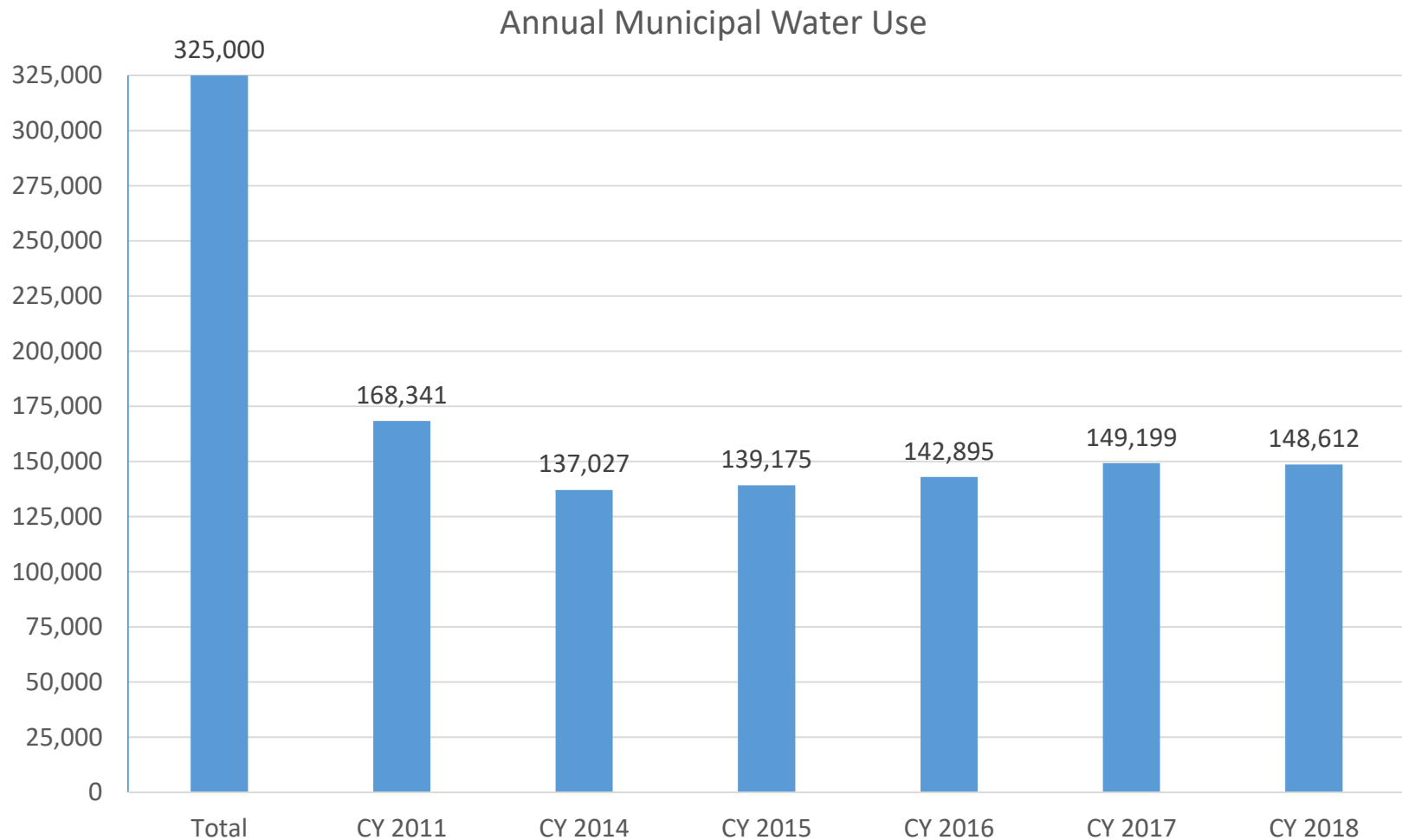
**Stage III:**  
600,000 AF

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

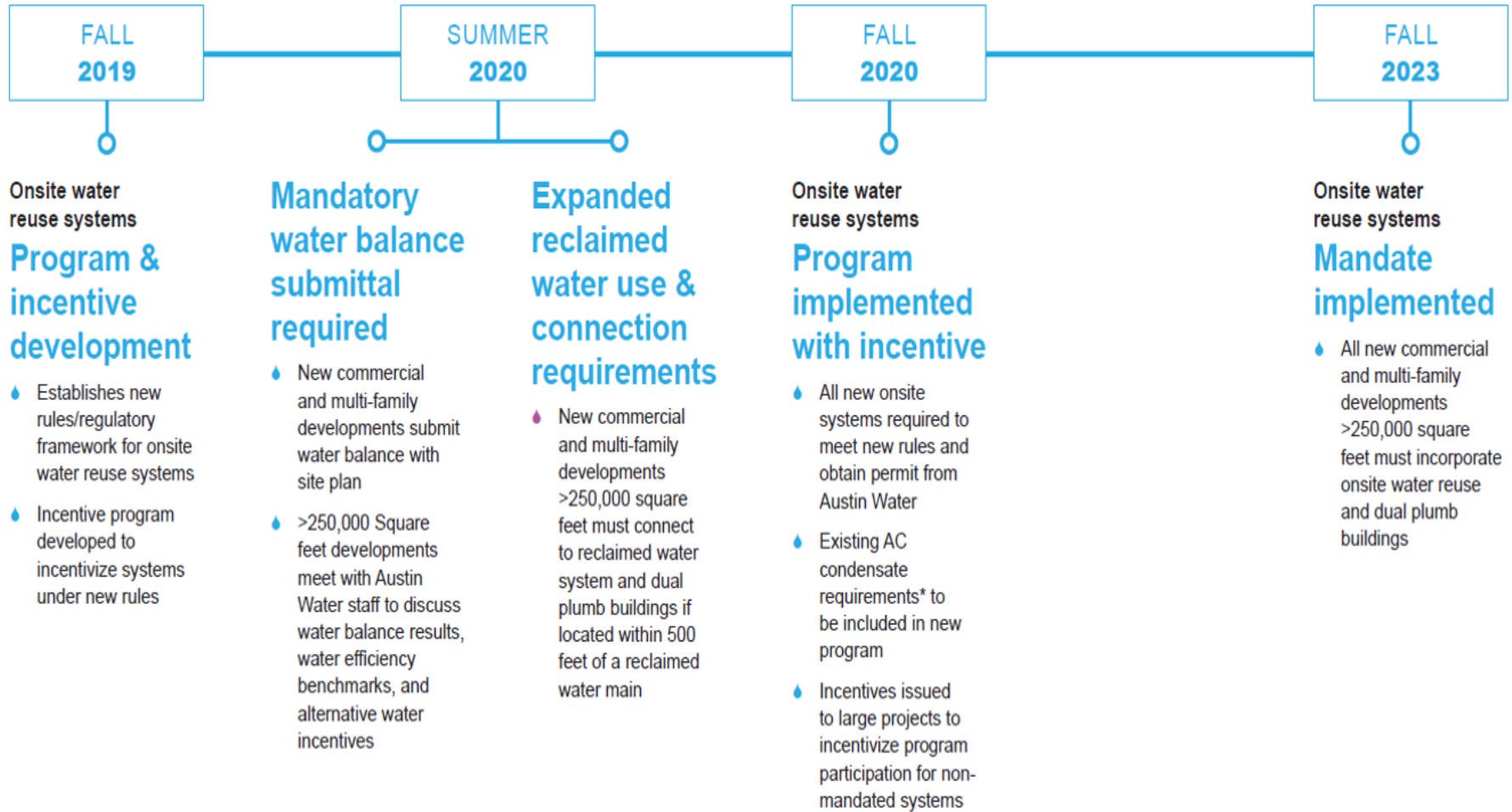
Highland Lakes Storage summary as of December 9, 2019  
**Combined lake storage: 1.732 million acre feet**  
**Combined reservoir total: 86%**



## Total Amount of Water Diverted for Municipal Use (Acre-feet)



# Water Forward Ordinances In the Land Development Code



Find your  
wastewater  
averaging  
period at  
[austinwater.org](http://austinwater.org)

# WASTEWATER AVERAGING

Starting  
Mid-November

Ending  
Mid-March

## Lower Your Wastewater Costs for the Next Year

Conserve water in the winter months to help you lower your wastewater average. Follow these basic water-saving tips:

- check your irrigation system for leaks and turn them off during the fall and winter months
- fix all leaky faucets and toilets
- sign up for the free Dropcountr app and get home water use reports
- run your dishwasher and washing machine only with a full load
- take shorter showers

## About Wastewater Averaging

Wastewater averaging is calculated during the winter months when most residential water goes directly into the sanitary sewer system versus being used for outdoor watering. This measurement determines the cap on the volume of wastewater you will be billed for each month of the next year. Find your wastewater averaging period at [austinwater.org](http://austinwater.org)







**Mark Jordan**  
Water Conservation Division  
City of Austin | Austin Water

