



RMC Monthly Report

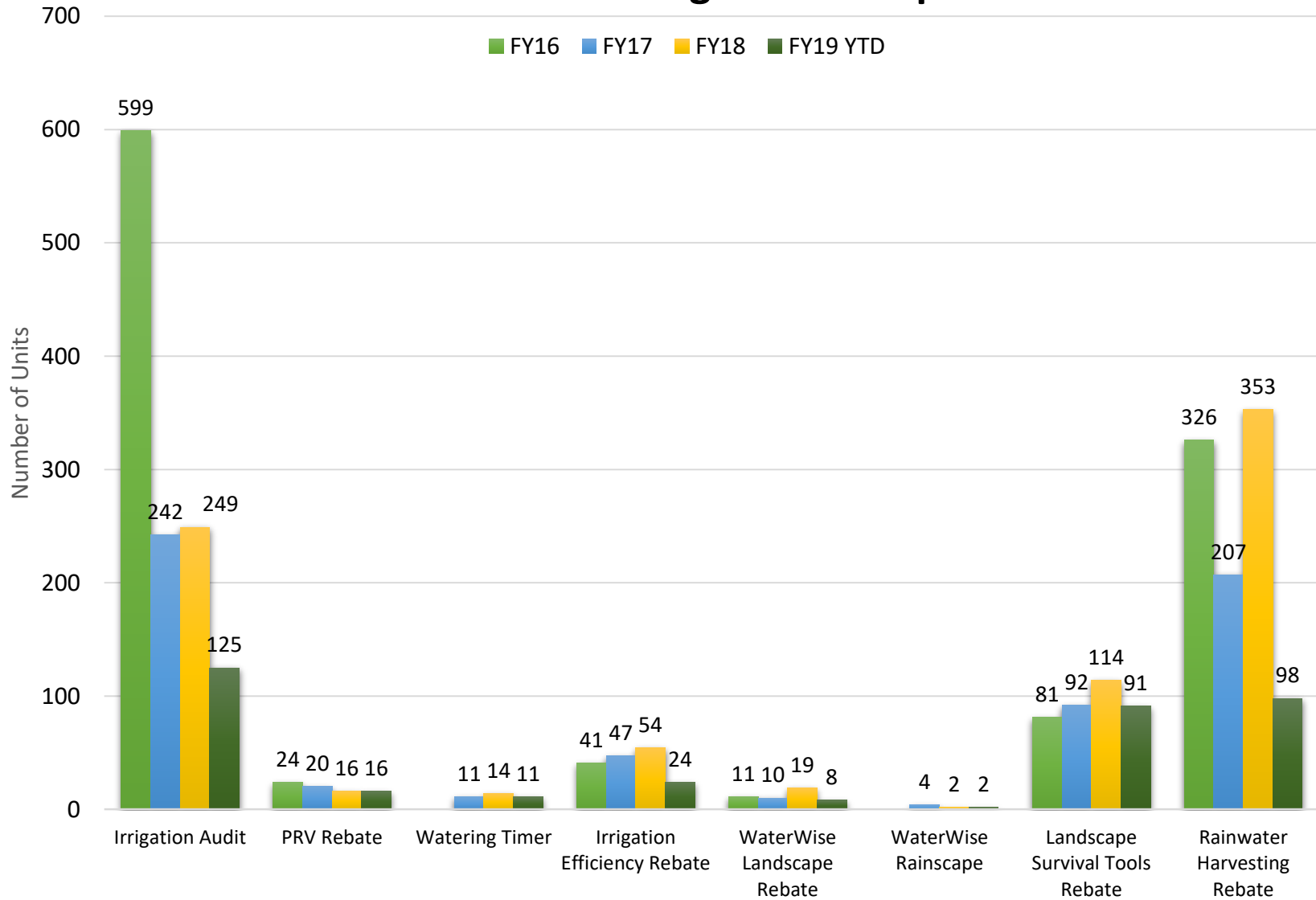
July 2019

FY 19

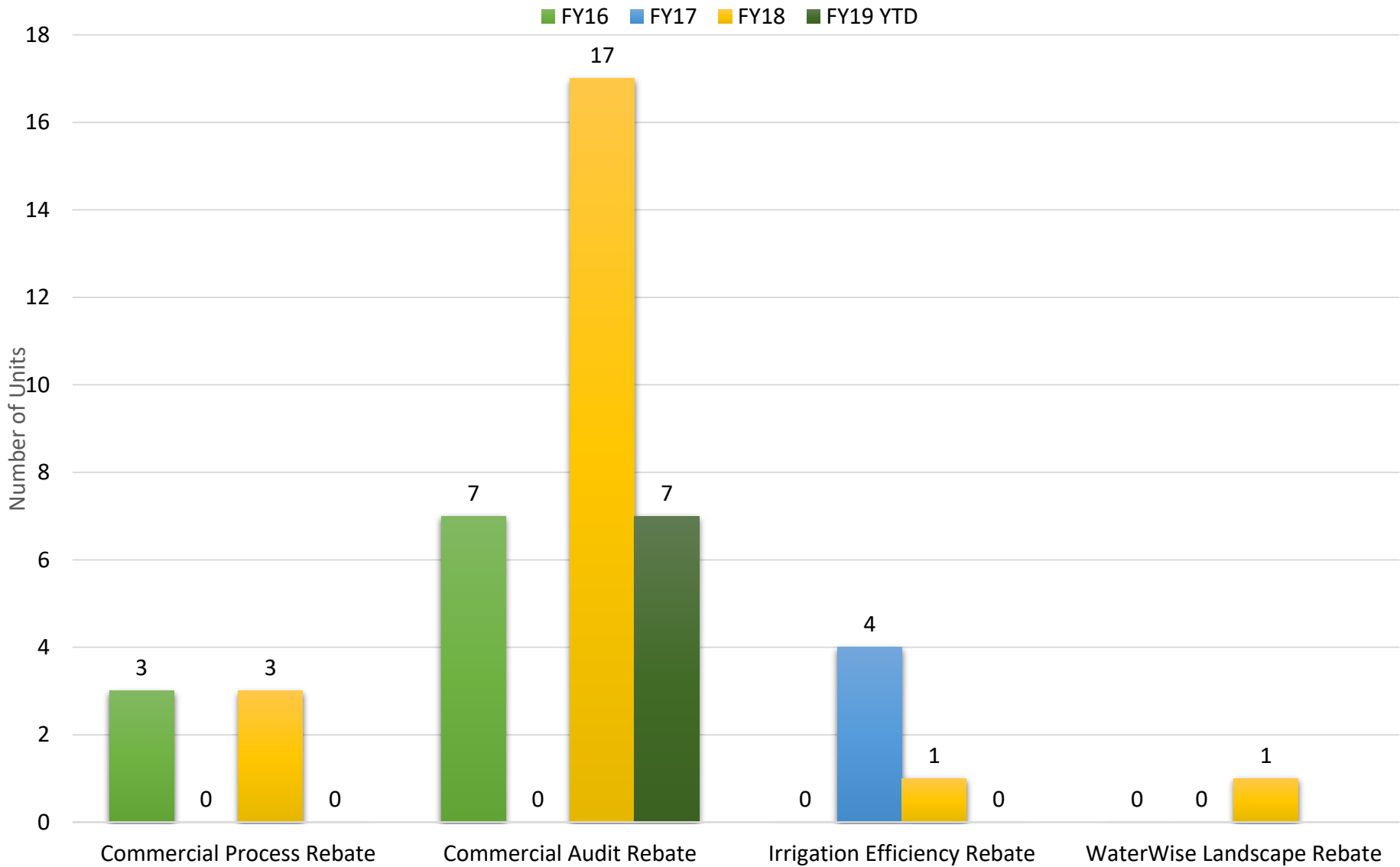
Mark Jordan
Water Conservation Division
City of Austin | Austin Water



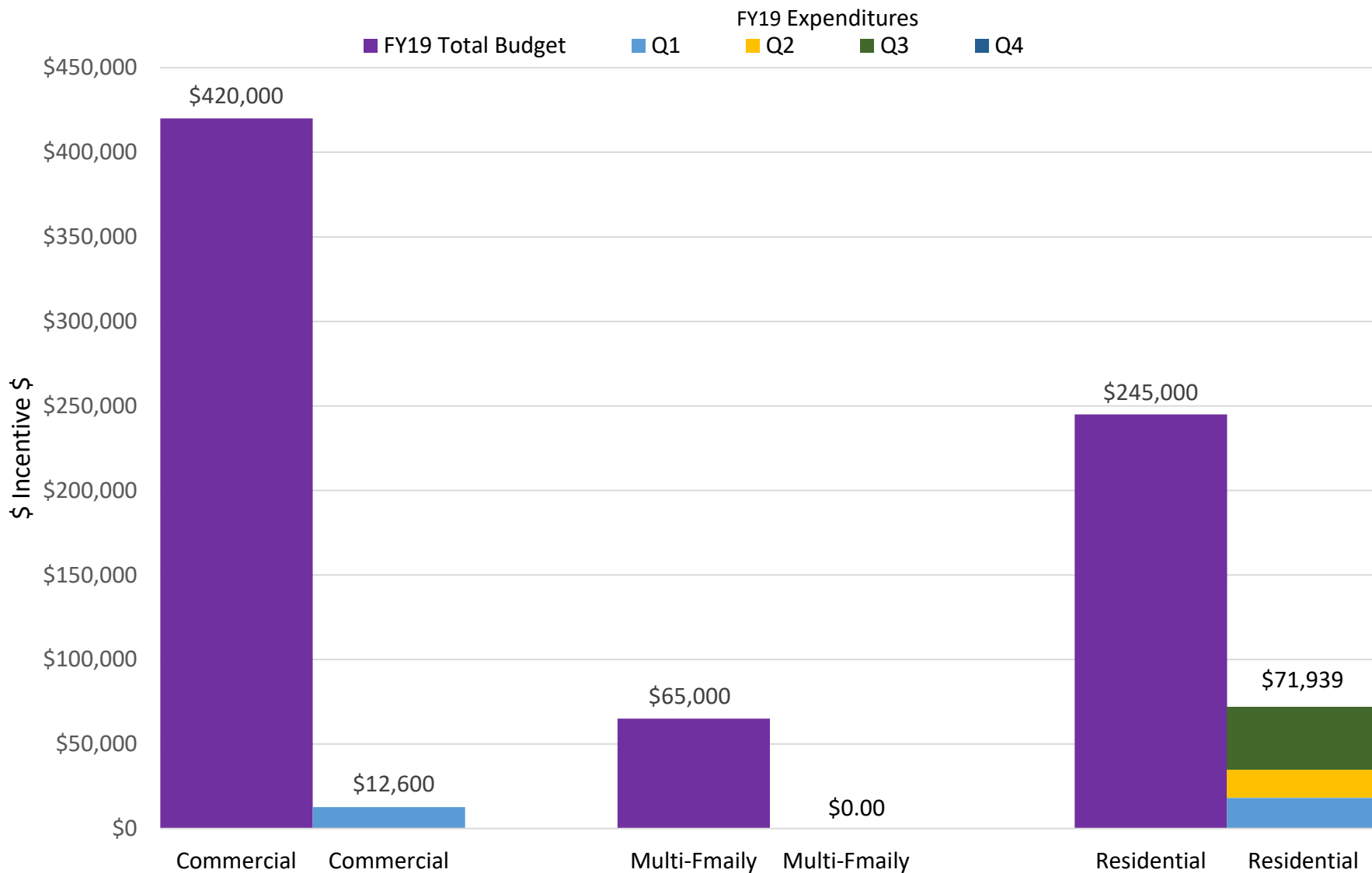
Residential Program Participation



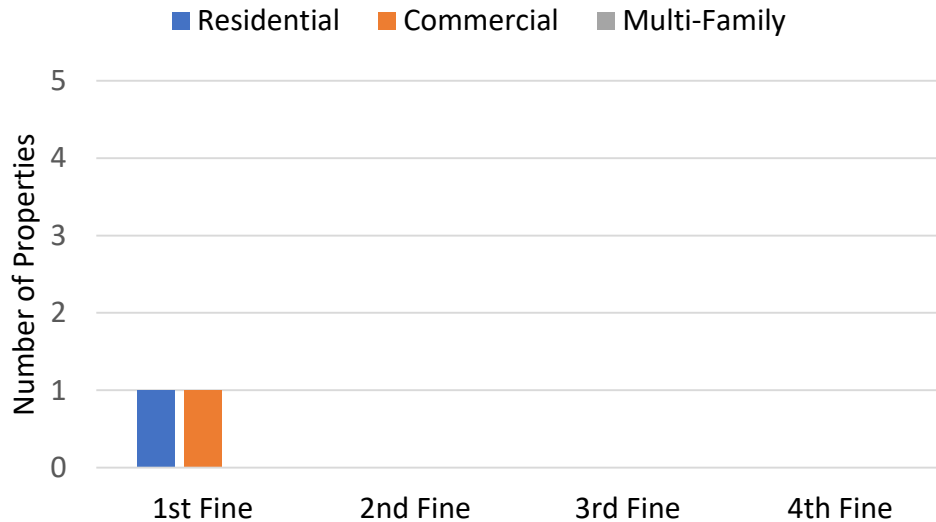
Commercial & Multifamily Program Participation



Rebates and Incentives Budget, FY19 YTD



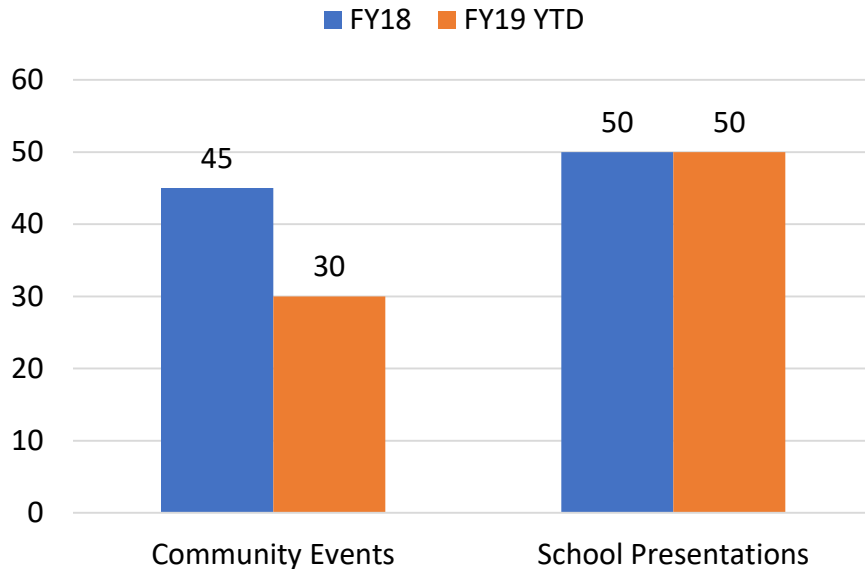
Enforcement Activity Water Waste FY19 TD Assessed Violations



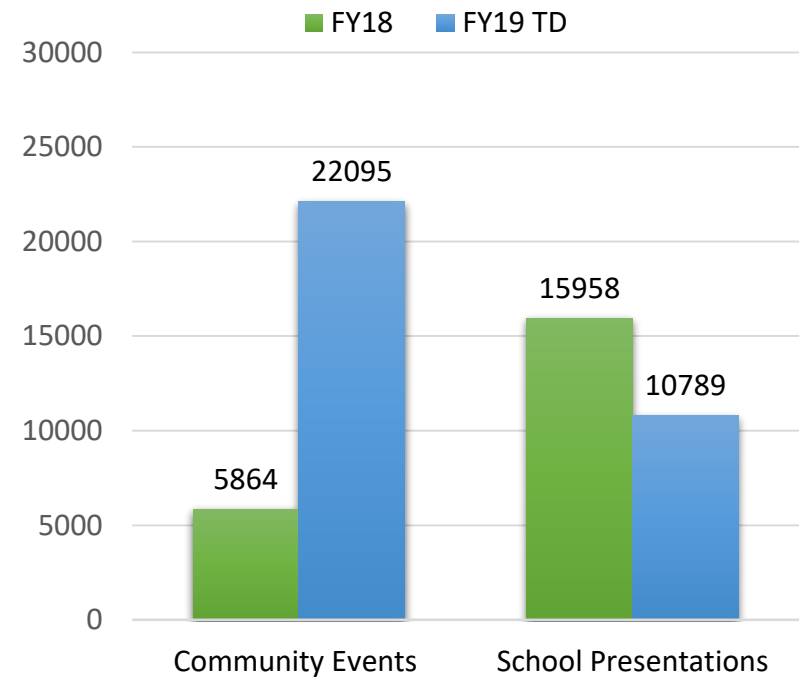
- 74 warnings
- 2 properties fined
- 2 appeals filed
- 0 appeals overturned

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

Public Outreach Activity Number of Events

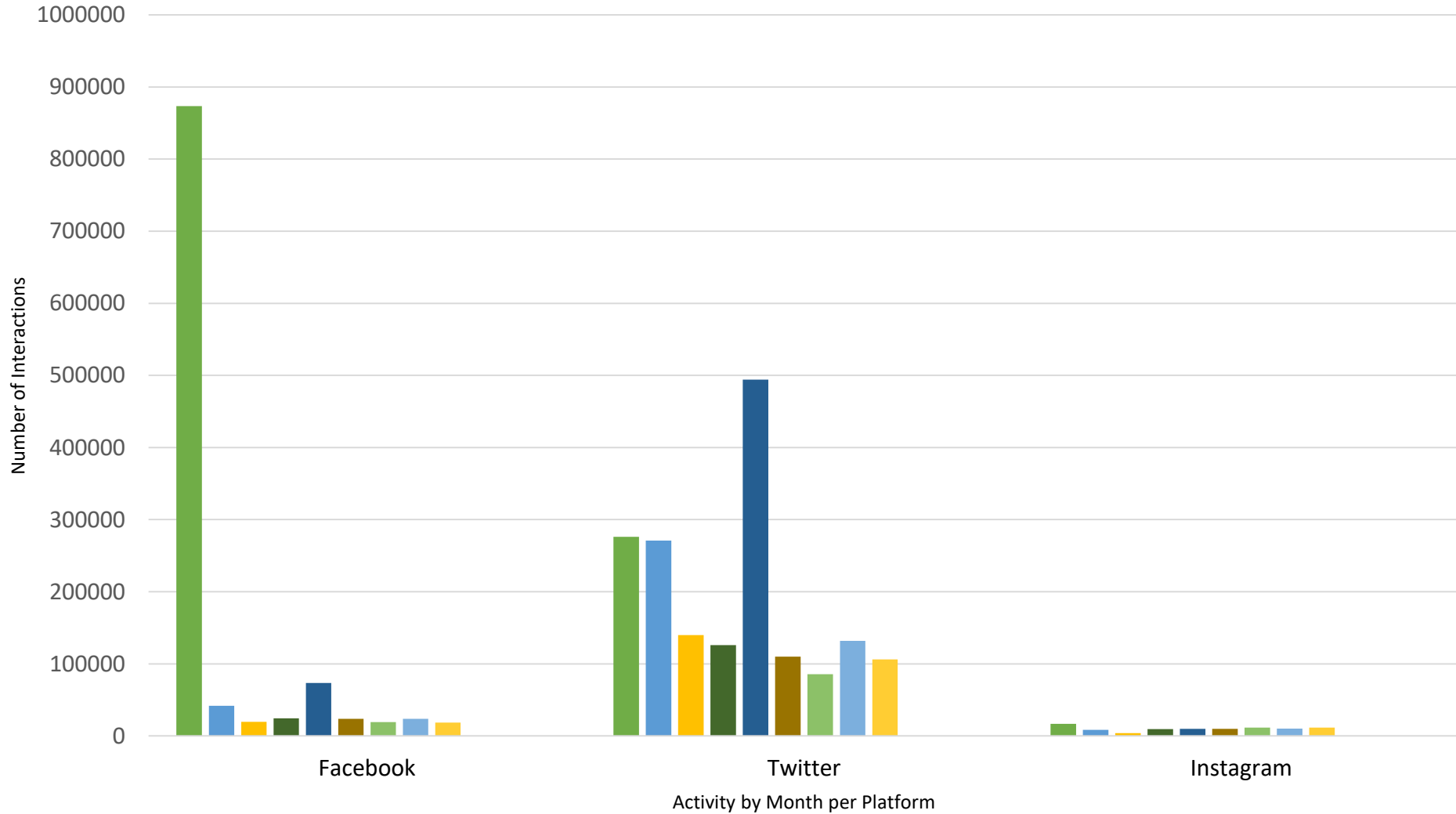


Public Outreach Activity Populations Reached

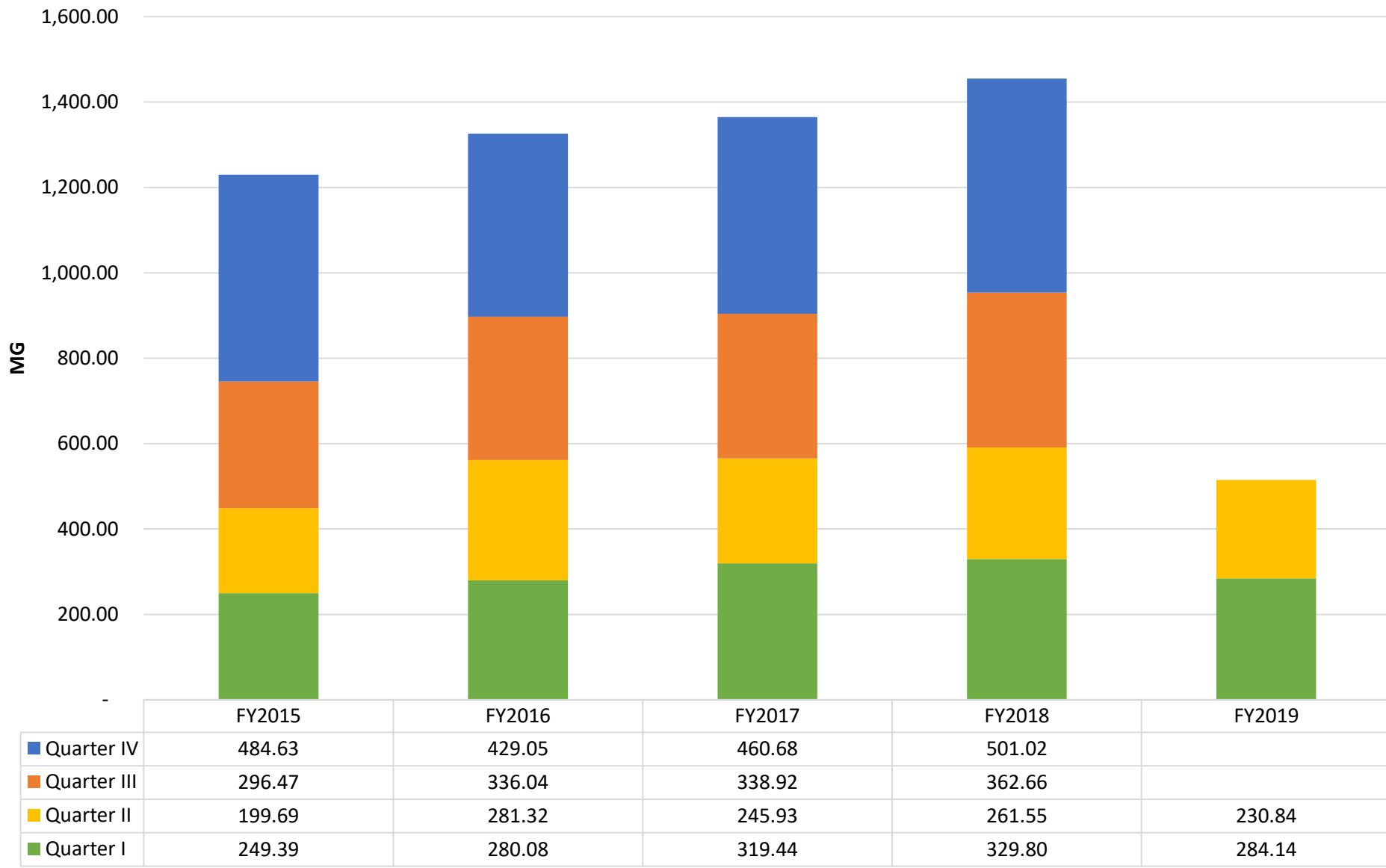


Social Media Activity, FY19 TD

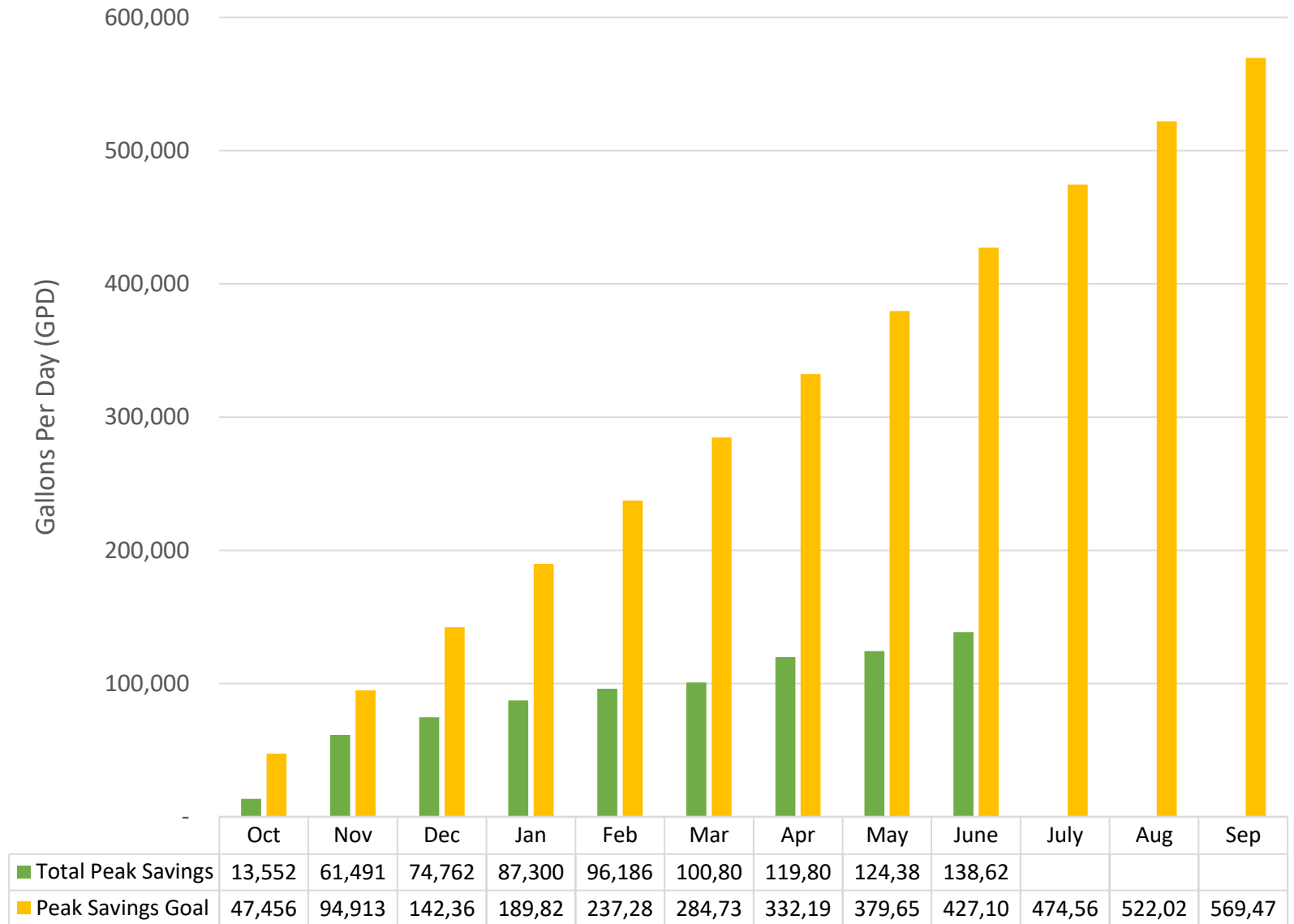
Oct Nov Dec Jan Feb Mar Apr May June July August September



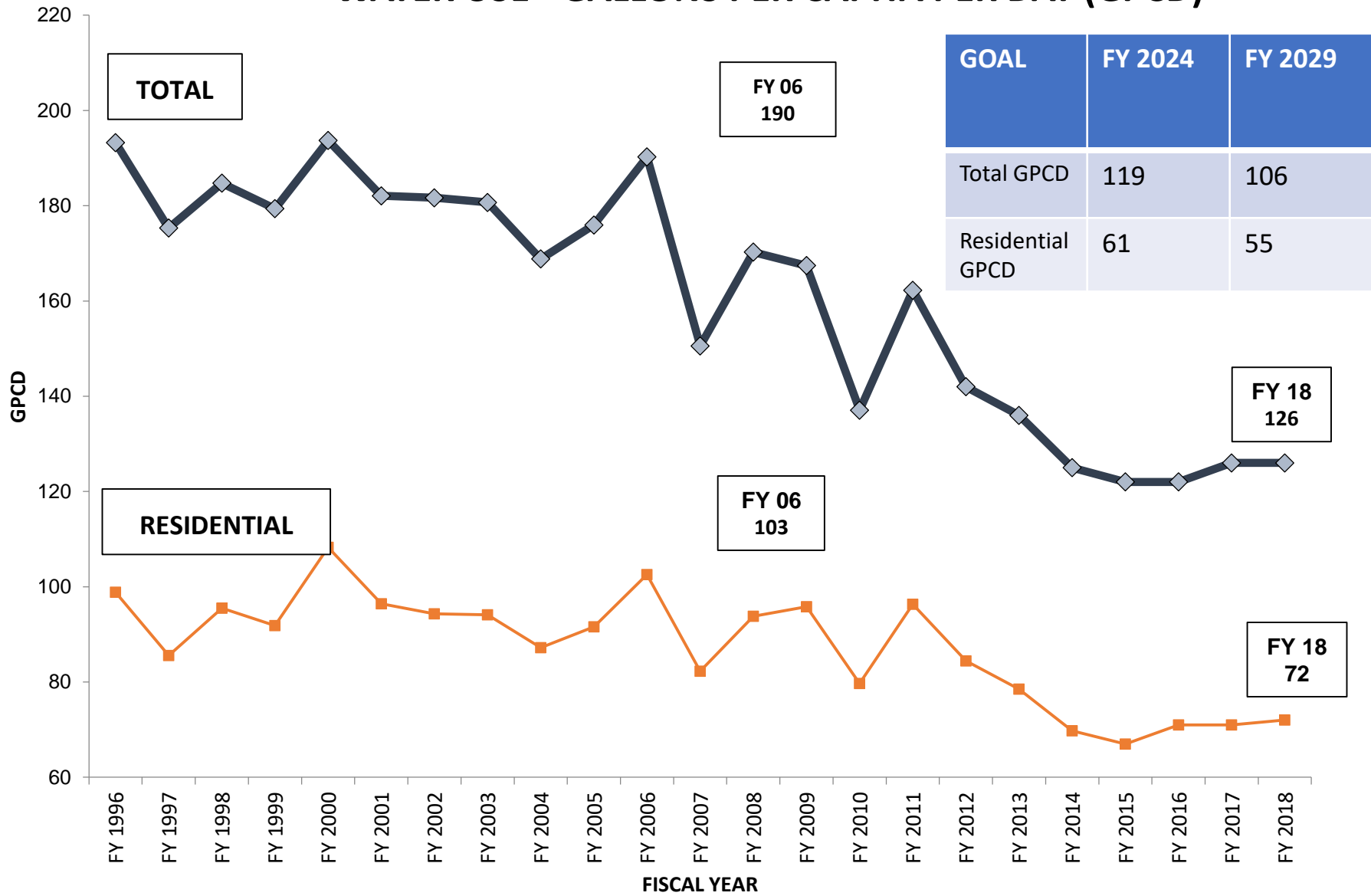
Reclaimed Water



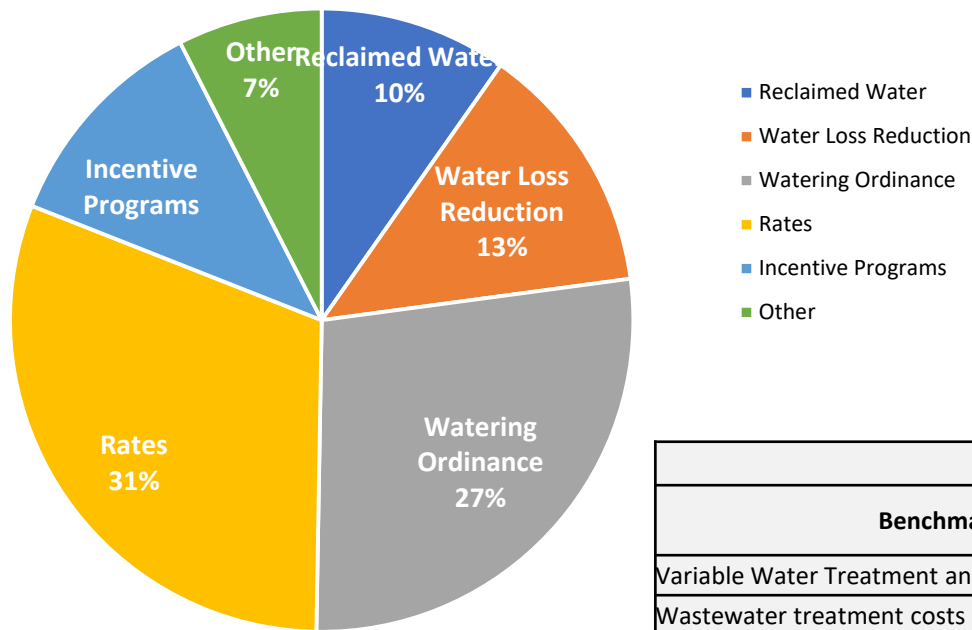
Total Peak Water Savings, Gallons Per Day (GPD)



WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



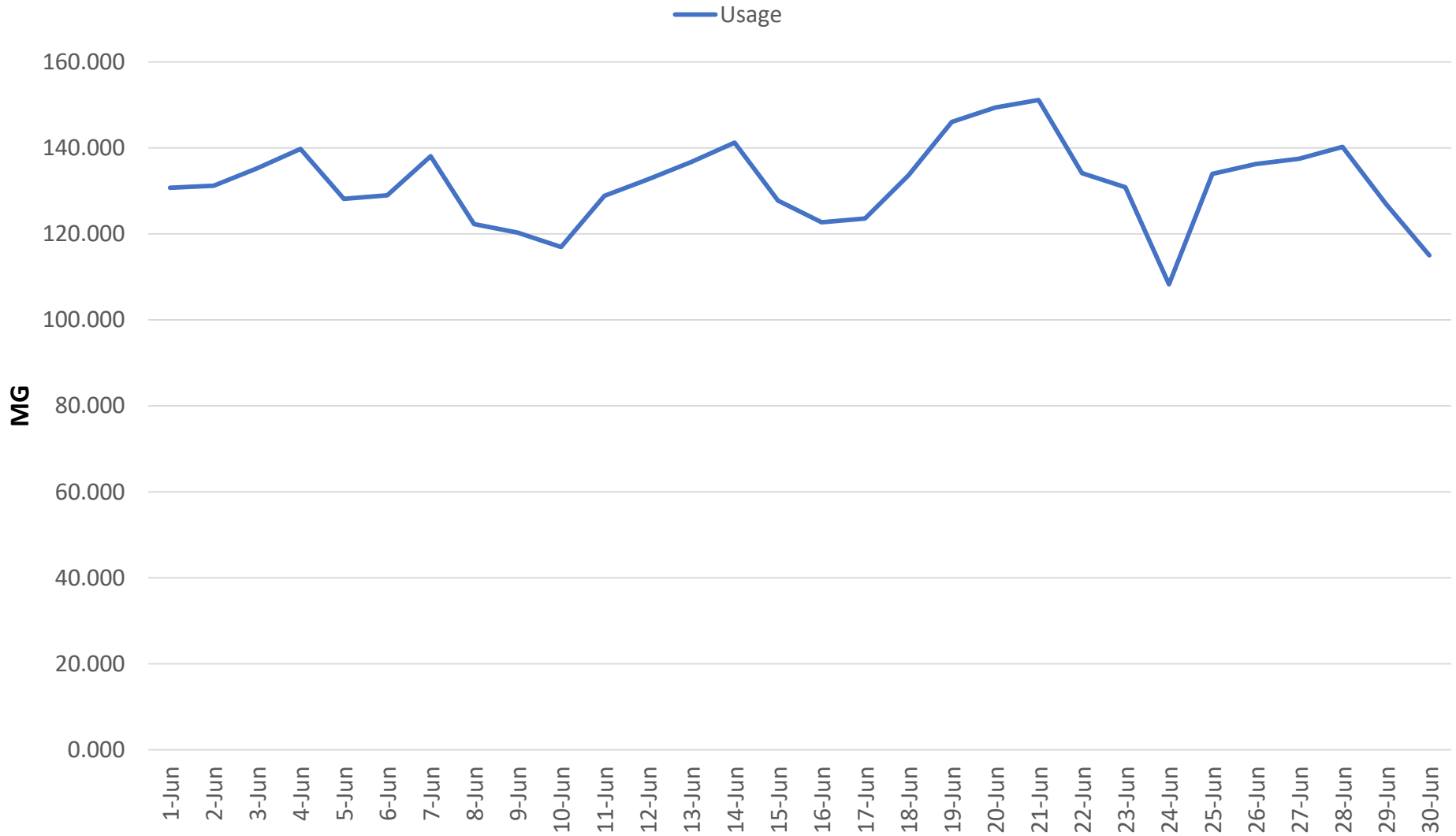
Total Cumulative Water Savings Projected for
FY 2019



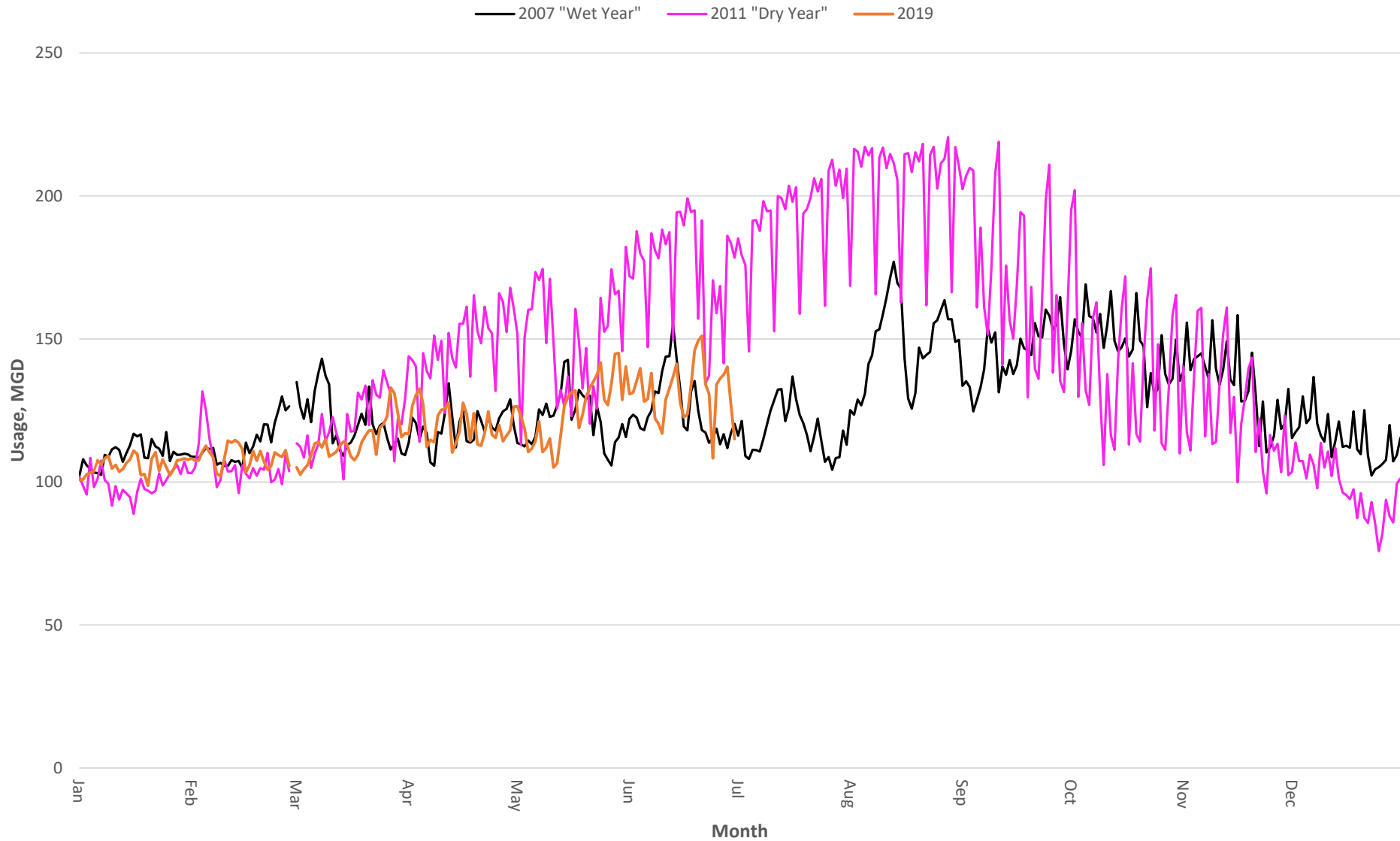
| COST BENCHMARKS | | |
|---|-----------------------|--------------------------|
| Benchmark | Peak \$/1,000 gallons | Average \$/1,000 gallons |
| Variable Water Treatment and Distribution Costs | \$0.46 | \$0.46 |
| Wastewater treatment costs | \$0.26 | \$0.26 |
| Treatment expansion | \$3.75 | N/A |
| 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 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% |

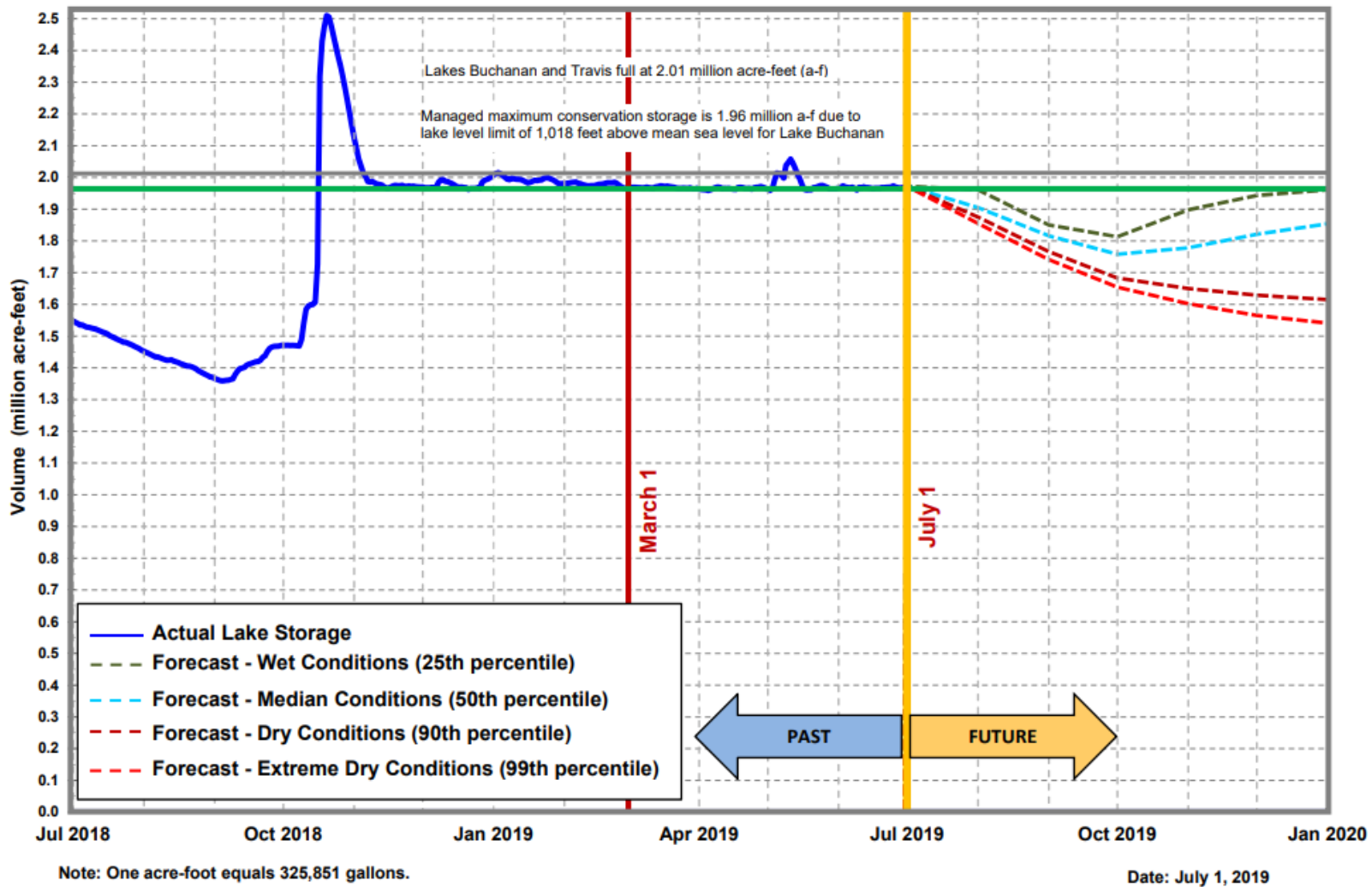
Daily Water Usage June 2019



Multi-Year Daily Water Usage



Lakes Buchanan and Travis Total Combined Storage Projections



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 July 8, 2019
Combined lake storage: 1.964 million acre feet
Combined reservoir total: 97%

July & August Events

- July 9: Water Forward Task Force Meeting
- July 23: Onsite Alternative Water Use Charrette
- July 27: Controller 101 & Irrigation Maintenance Workshop
- August 17: Controller 101 & Irrigation Maintenance Workshop

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

Summer Savings Events with Austin Energy



💧 July 11: 4:00pm – 7:00pm

Millennium Youth Complex

💧 July 17: 4:00pm – 7:00pm

St. Matthews Episcopal Church

💧 July 25: 4:00pm – 7:00pm

Shepherd of the Hills Presbyterian Church



Mark Jordan
Water Conservation Division
City of Austin | Austin Water

