



AR-3 Rescinding the Implementation of Phase II of the Water Conservation Plan; Adopt Reso. 2024-14

CITY COUNCIL MEETING

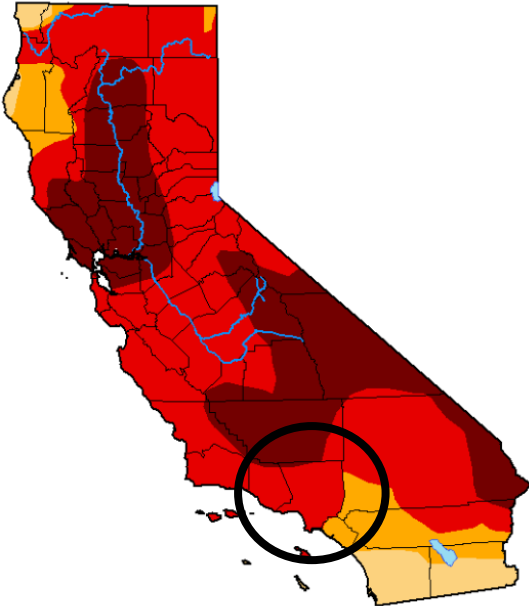
February 20, 2024

Background - State & County

- ▶ The State of California experienced unprecedented drought conditions as a result of historically high temperatures and lack of adequate rainfall between 2020 and 2022.
- ▶ In July 2021, Governor Gavin Newsom called upon the entire State of California to reduce water consumption by 15%.
- ▶ By October 2021, a proclamation was issued extending drought emergency conditions statewide, which extended to Los Angeles County.
- ▶ Despite the City's best efforts in promoting water conservation programs, Monrovia still needed to purchase water from surround producers
- ▶ In April 2022, the City was unable to purchase overproduced water from the City of Azusa
- ▶ In March 2023, Governor Gavin Newsom eased the voluntary 15% water consumption reduction and ended the requirement that local water agencies implement level two of their drought contingency plans.

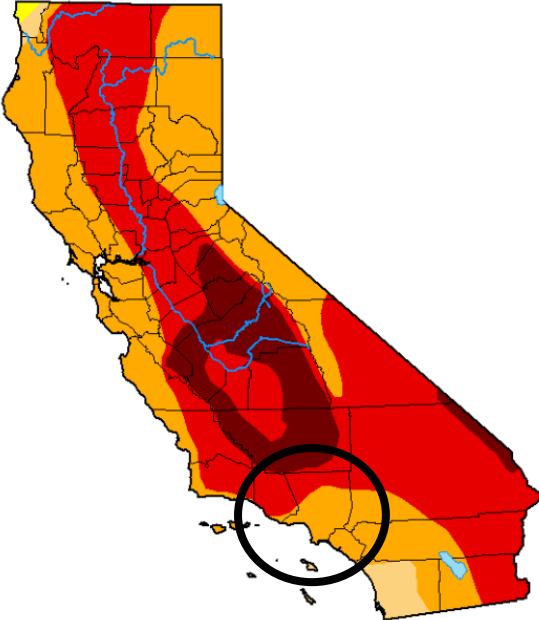
Background - State Drought Conditions

U.S. Drought Monitor
California



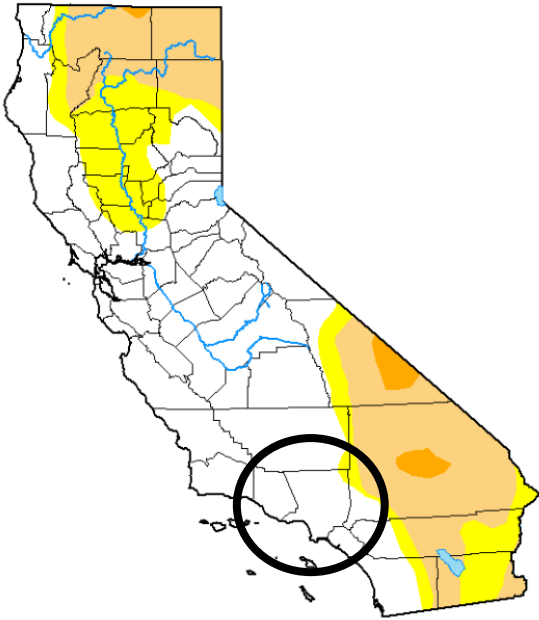
July 2021

U.S. Drought Monitor
California

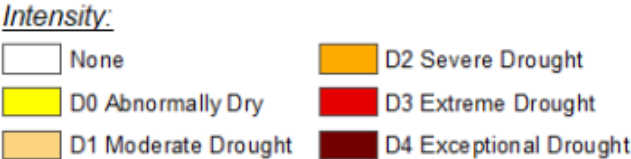


July 2022

U.S. Drought Monitor
California



March 2023



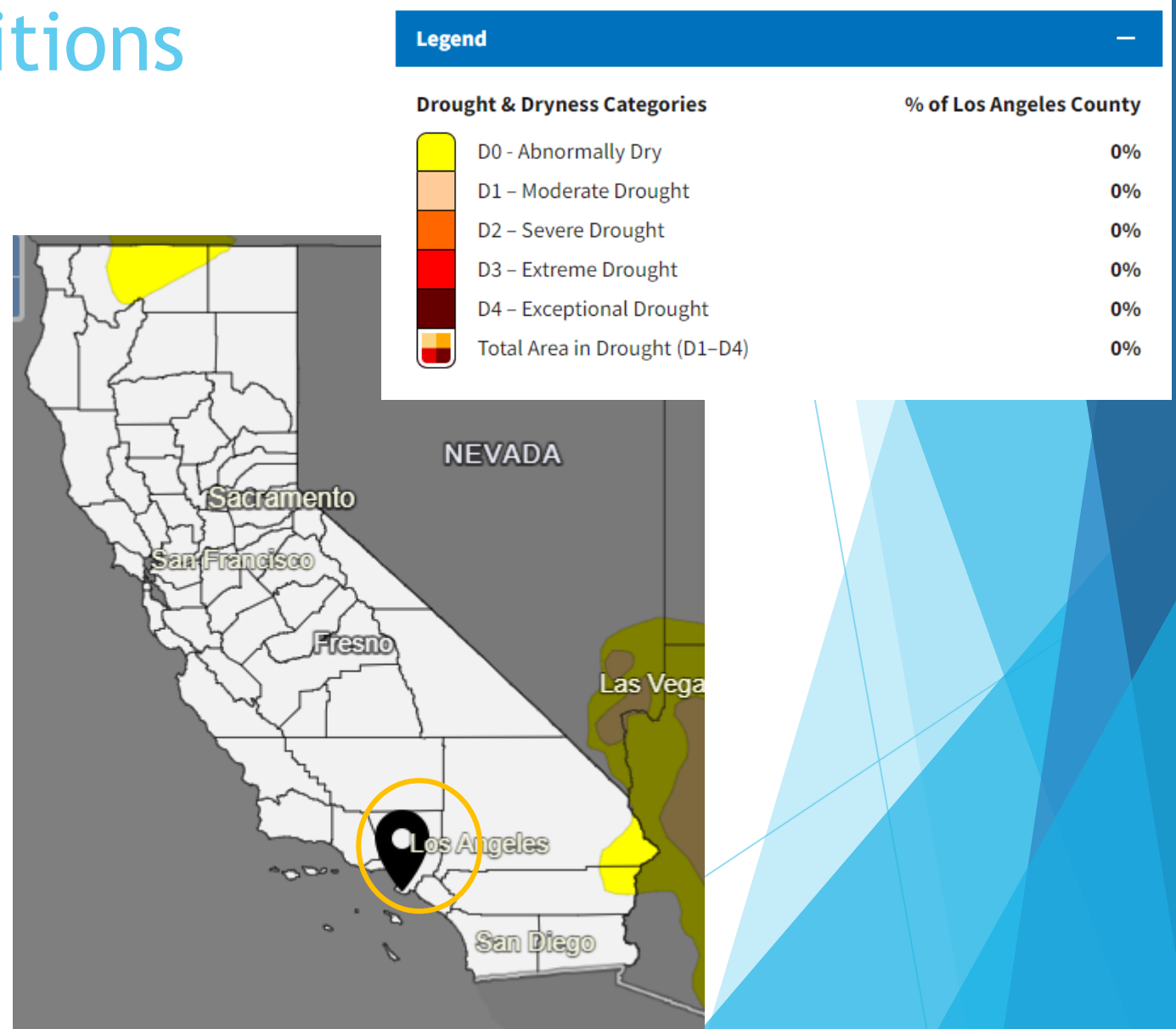
Background - City of Monrovia

- ▶ On December 7, 2021, City Council implemented Phase II of the Water Conservation Plan.
- ▶ Phase II requires mandatory water use restrictions and water conservation of 10% from the base period allocation.
- ▶ Residents and businesses are not permitted to exceed 90% of their base period allocation, which is defined as the actual water usage during the same month in 2020.
- ▶ As of January 2024, the City of Monrovia is still observing Phase II of the Water Conservation Plan.



Current Drought Conditions

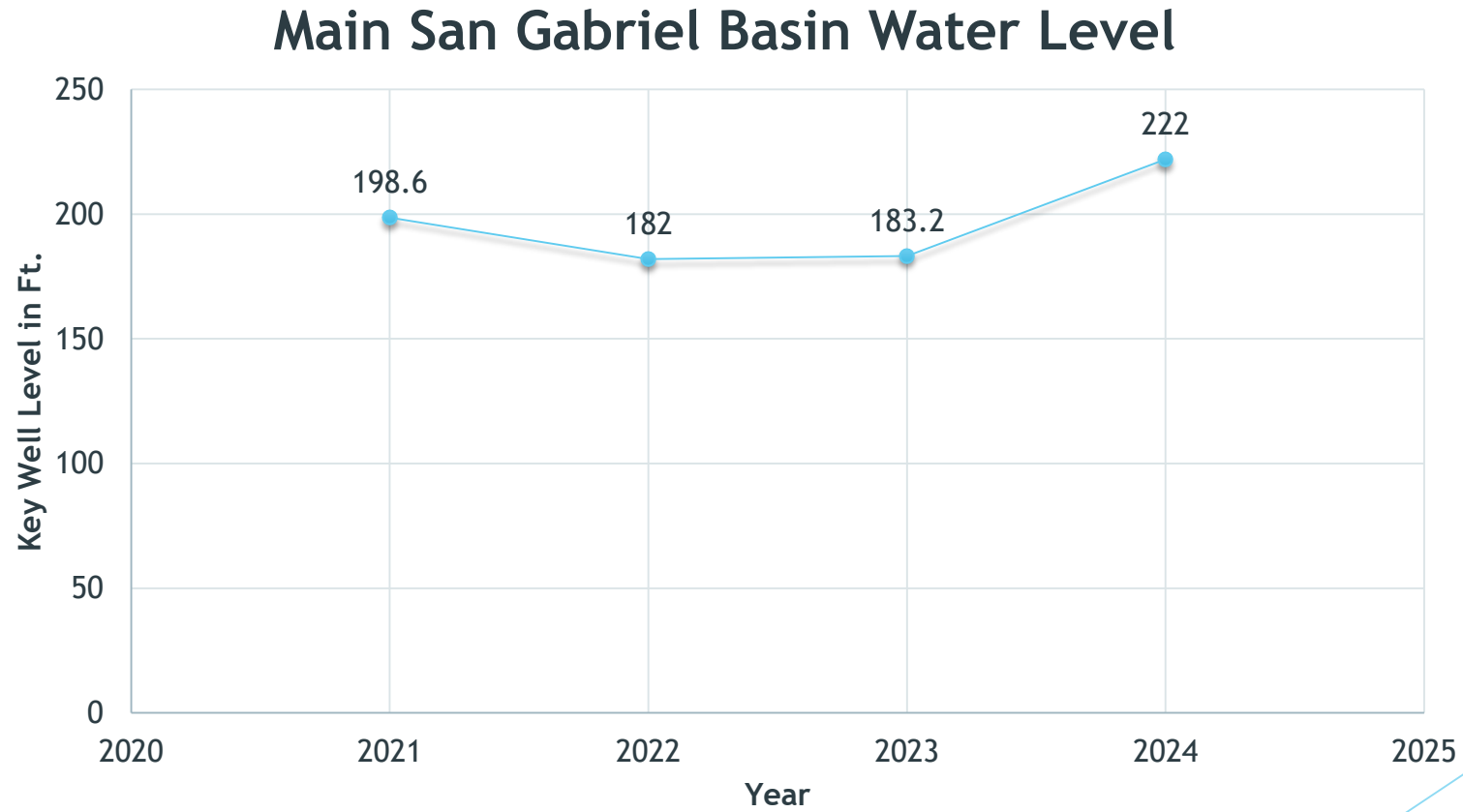
- ▶ According to the National Integrated Drought Information System, California is no longer experiencing drought conditions.



Drought Conditions - Feedback

- ▶ **Upper San Gabriel Valley Municipal Water District:** Our region is still in the middle of a 20 year dry period but recommend proceeding with caution coming off of a wet year. Maintain conservation messaging as the State Water Project and Colorado River are highly variable so efficiency remains essential.
- ▶ **Main San Gabriel Basin Watermaster:** No anticipated increase in the safe yield despite recent rain events. Recommend continuing to promote conservation.

Main San Gabriel Basin Level



Historic Consumption

City's Water Rights

Historic Surface Diversion: 1,098 acre feet

San Gabriel Aquifer: 4,642 acre feet

Total: 5,740 acre feet

| Year | Total Water Production |
|----------|------------------------|
| FY13/14 | 7,973.01 |
| FY14/15 | 6,874.82 |
| FY15/16 | 6,100.85 |
| FY16/17 | 6,580.52 |
| FY17/18 | 7,200.03 |
| FY18/19 | 6,825.43 |
| FY19/20 | 6,894.52 |
| FY20/21 | 7,313.51 |
| FY21/22 | 6,777.25 |
| FY22/23 | 5,699.21 |
| FY23/24* | 3,227.16 |

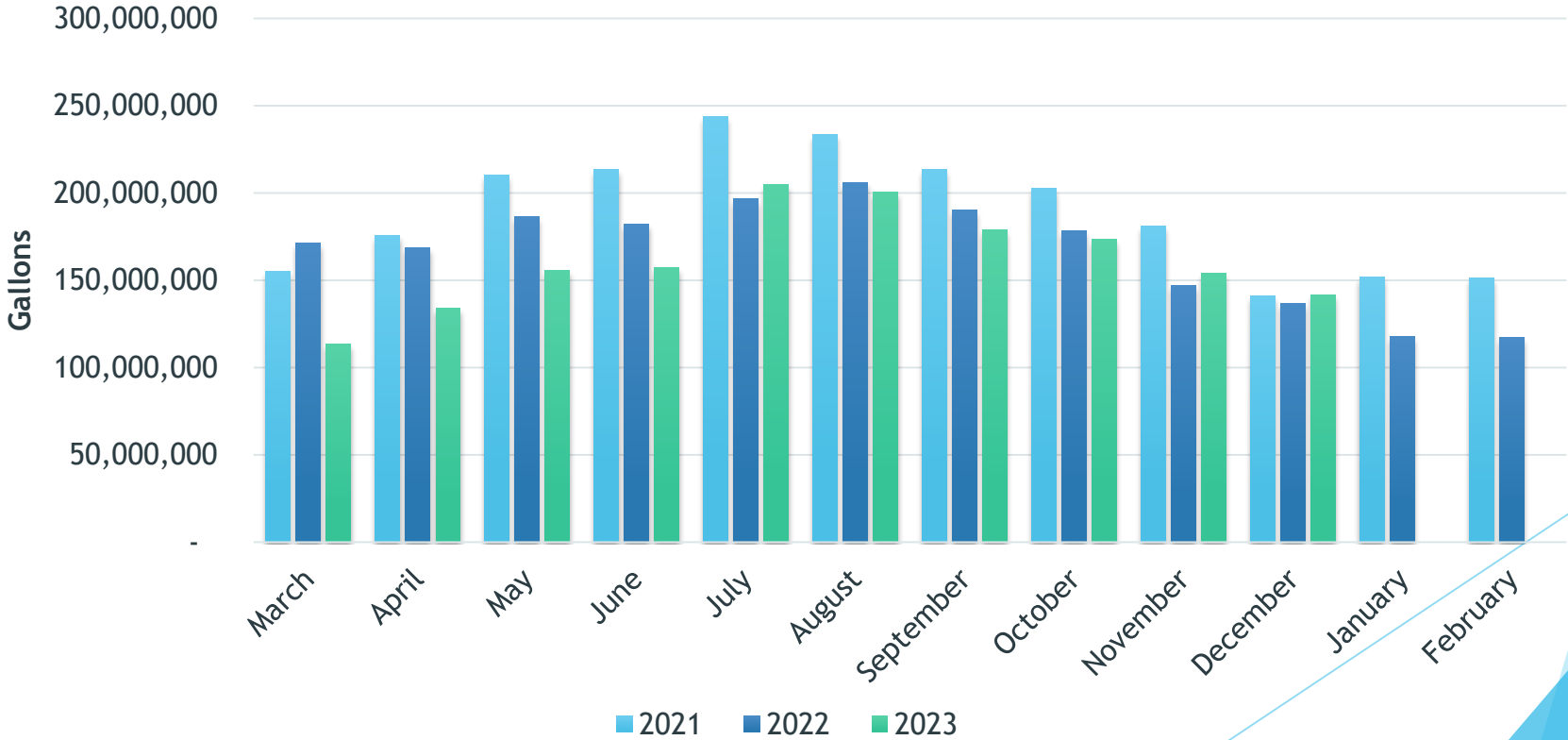
*FY23/24 production number is only up to the second quarter

*Historically, staff projects annual production at 5,700 AF

Phase II: Water Usage Comparison

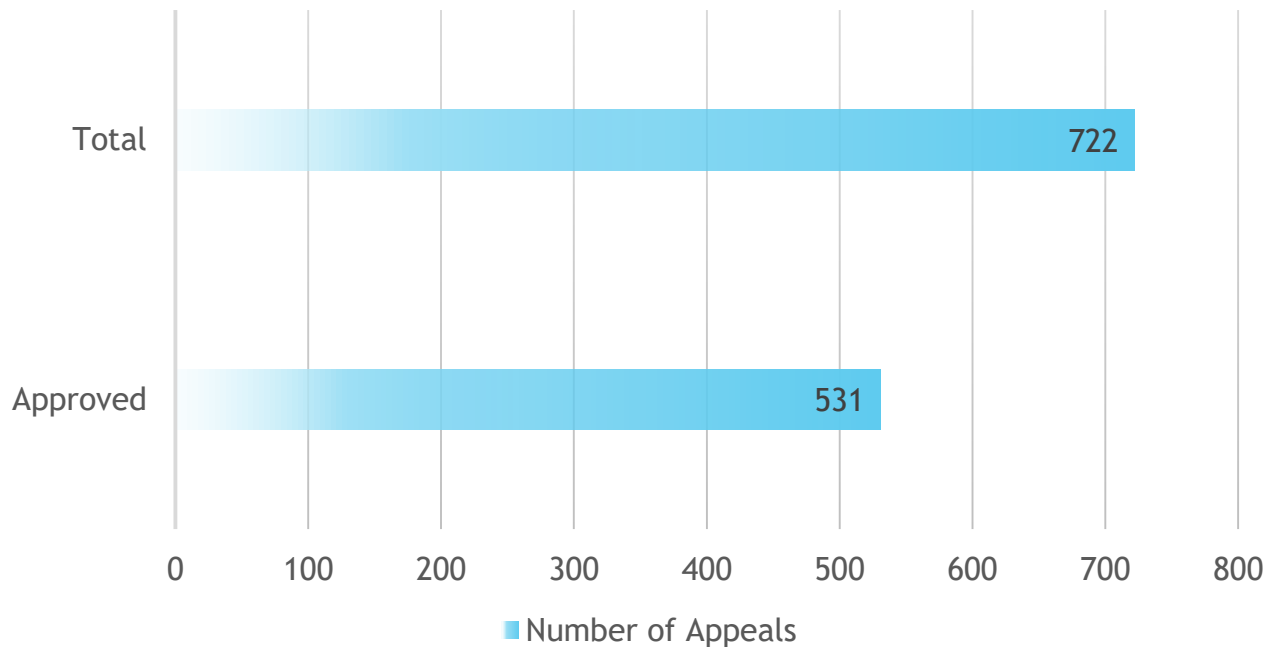
- ▶ Since the implementation of Phase II of the Water Conservation Plan in March 2022, the City has seen a reduction of 632 million gallons of water, about 19%, conserved.

City of Monrovia Water Usage



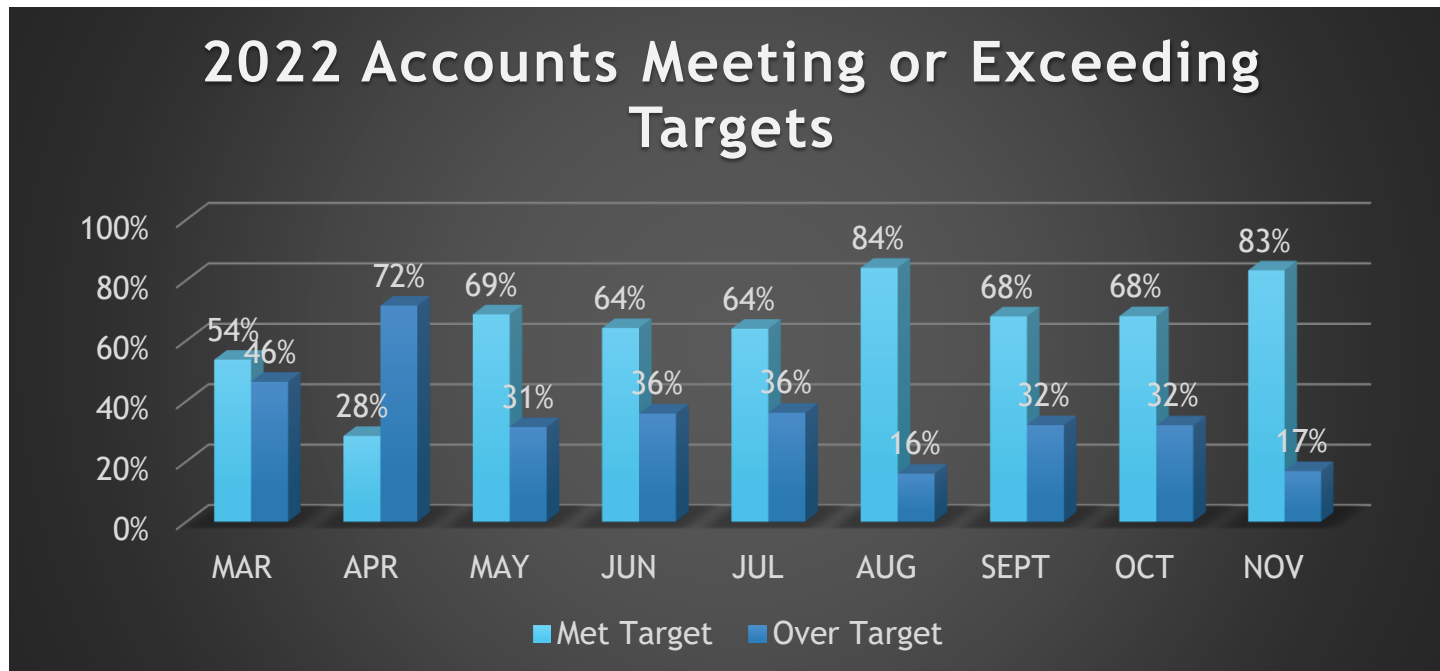
Water Penalty Appeals

WATER PENALTY APPEALS



- ▶ Each appeal is reviewed on a case-by-case basis.
- ▶ Taking the following into consideration:
 - ▶ Conservation measures taken
 - ▶ Reason for appeal
 - ▶ Comparison to same account type in the same route
 - ▶ Account history

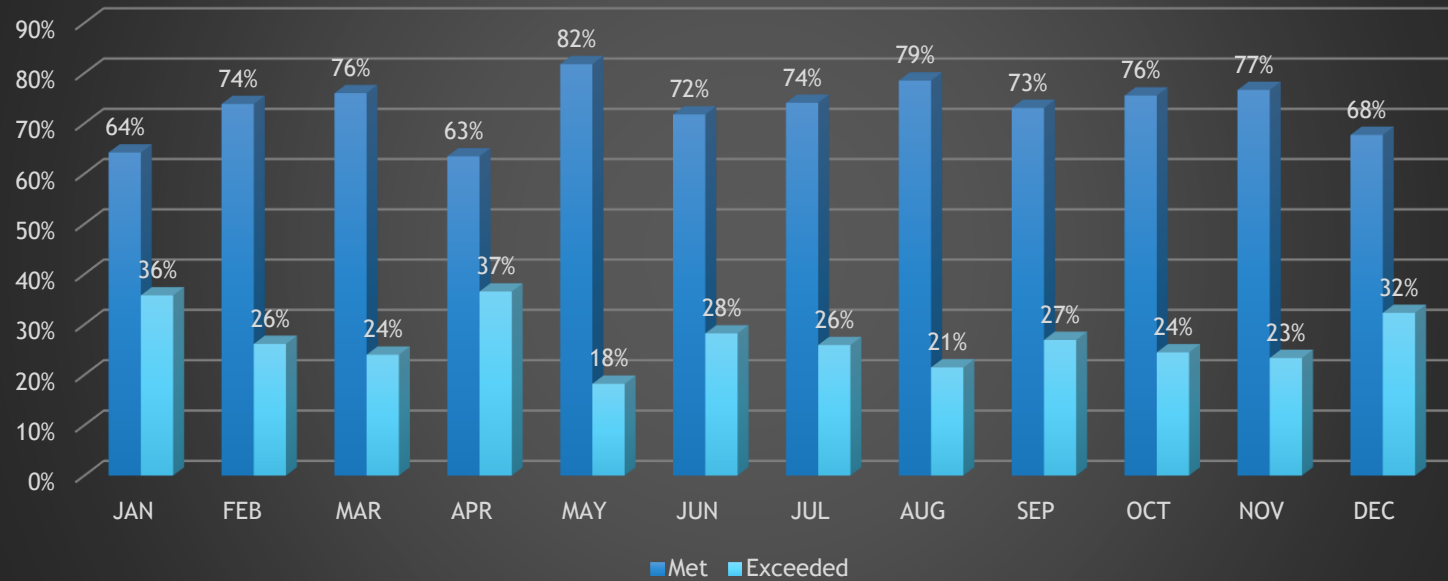
Water Penalty Appeals



- ▶ Number of accounts in excess has decreased since March 2022.
- ▶ Excess usage rose in April due to lower targets.

Water Penalty Appeals

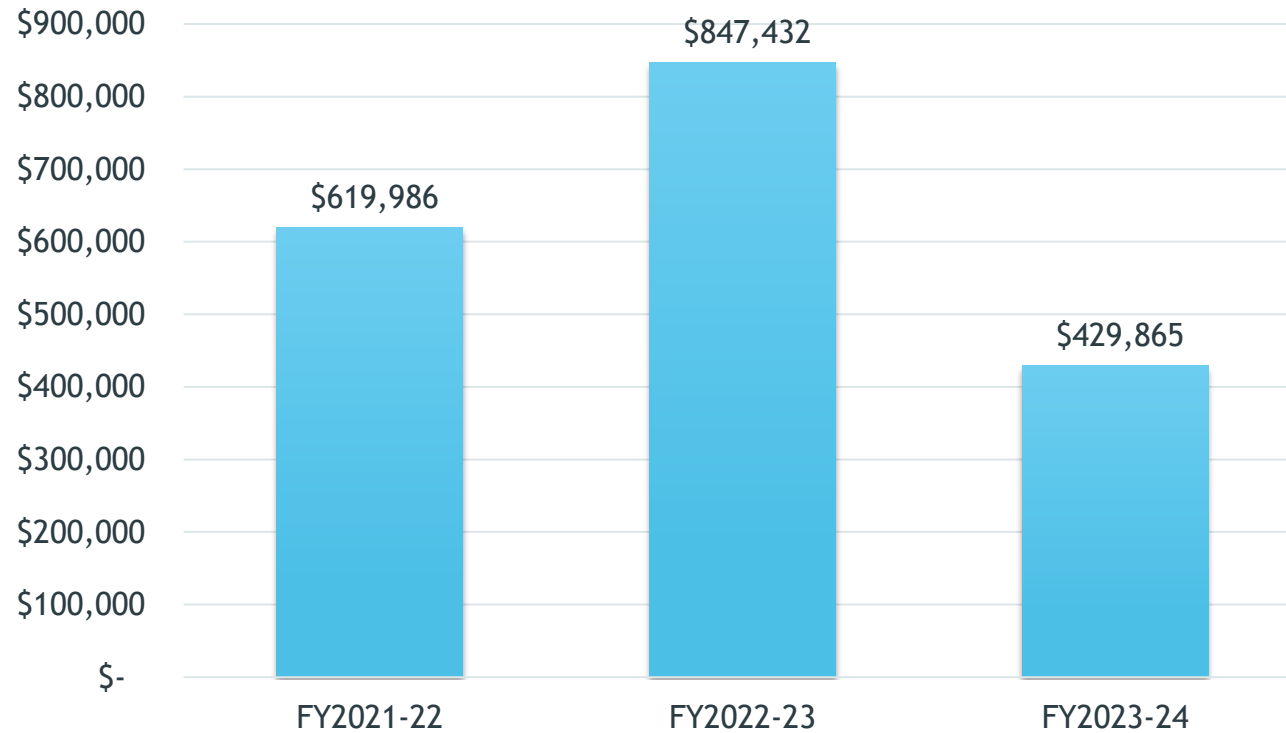
2023 Accounts Meeting or Exceeding Targets



▶ Number of accounts in excess has decreased since March 2022.

Water Penalty Appeal Revenue

Total Revenue Year-to-Date



Revenue year-to-date:
\$1,897,283

WaterSmart Rebates

- ▶ The City of Monrovia has partnered with the Upper San Gabriel Water District to provide rebates for eligible devices, appliances and turf replacement.
- ▶ Available Rebates:
 - ▶ Turf Replacement
 - ▶ Toilets
 - ▶ Washing Machines
 - ▶ Rain Barrel
 - ▶ Weather-based Irrigation Controllers
 - ▶ And More!

**Save Water. Save Money.
Improve Performance.**

**Receive an \$80 rebate
when you make the
switch to a High
Efficiency Toilet!**

The largest amount of indoor
water use goes toward
flushing the toilet! Make the
switch today!



MONROVIA

Smart Watering. Customized.

**Rebates for Weather
Based Irrigation
Controllers are available!**

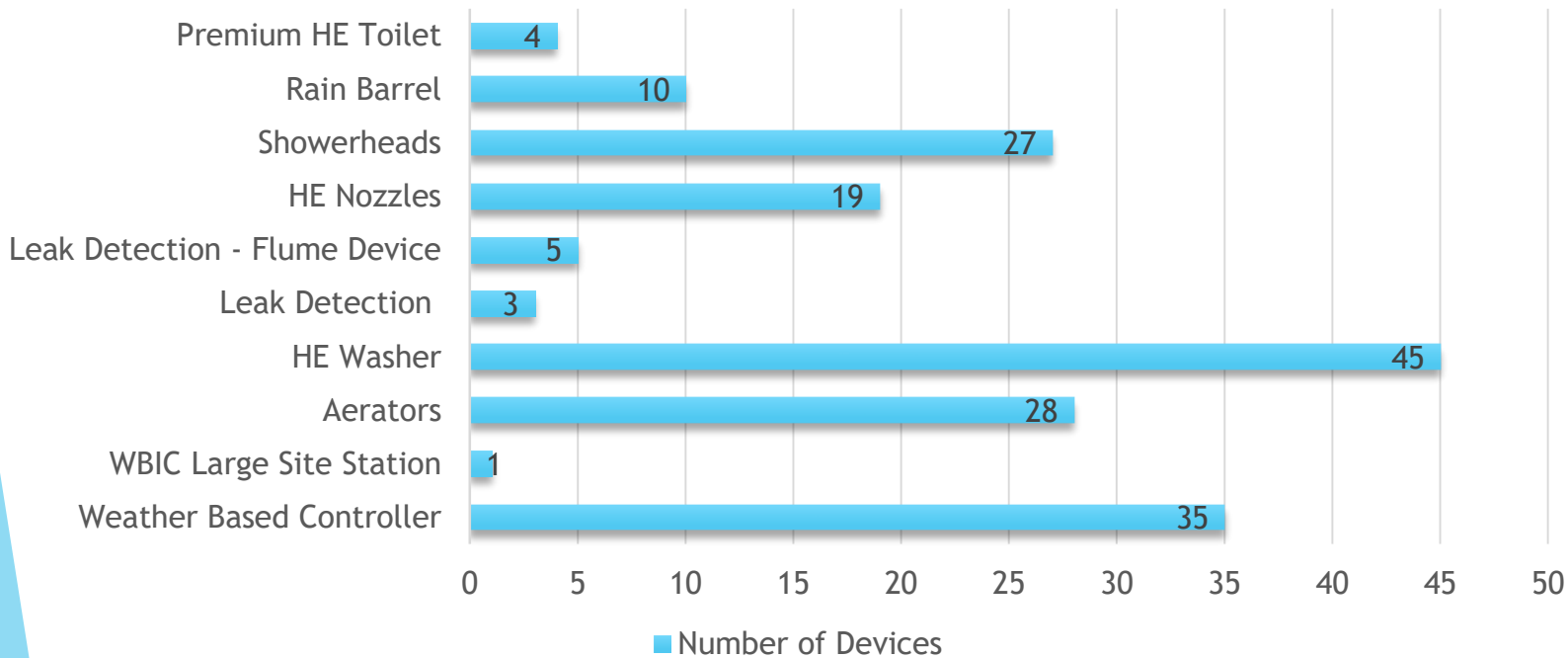
**Properties less than one acre are
eligible to receive up to \$100 per unit
(limit 2 units)**

**Properties bigger than one acre are
eligible to receive \$35 per station
(limit 100 stations)**



WaterSmart Rebates

Device Rebates



▶ Number of device rebates issued since March 2022.

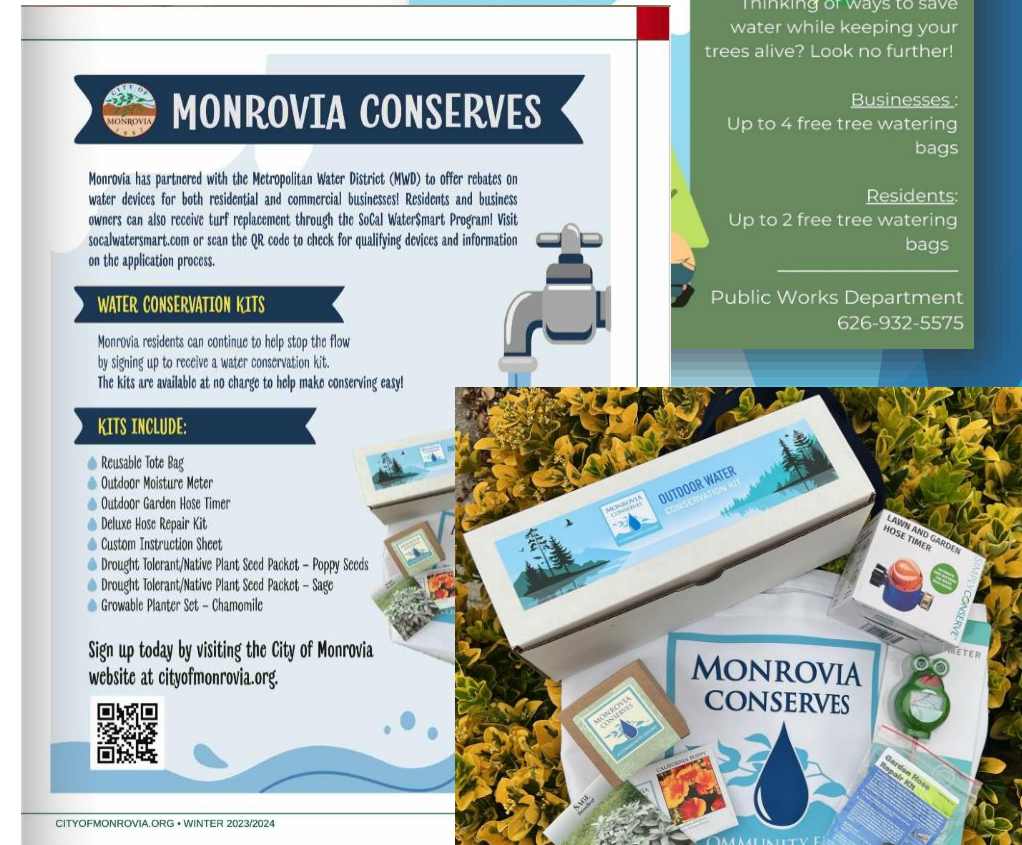
Turf Replacement Program

- ▶ Turf Replacement Rebate Total for FY21/22-FY23/24 = \$396,025
- ▶ Monrovia Co-Funding Rebate Total for FY21/22-FY23/24 = \$180,898
- ▶ Number of rebates/applications for FY21/22-FY23/24 = 54
- ▶ Lowest Rebate = \$1,400 (350 sq. ft.)
- ▶ Highest Rebate = \$44,230 (19,615 sq. ft.)
- ▶ Total Square Feet = 113,665
- ▶ Total Trees Planted as part of Program = 41



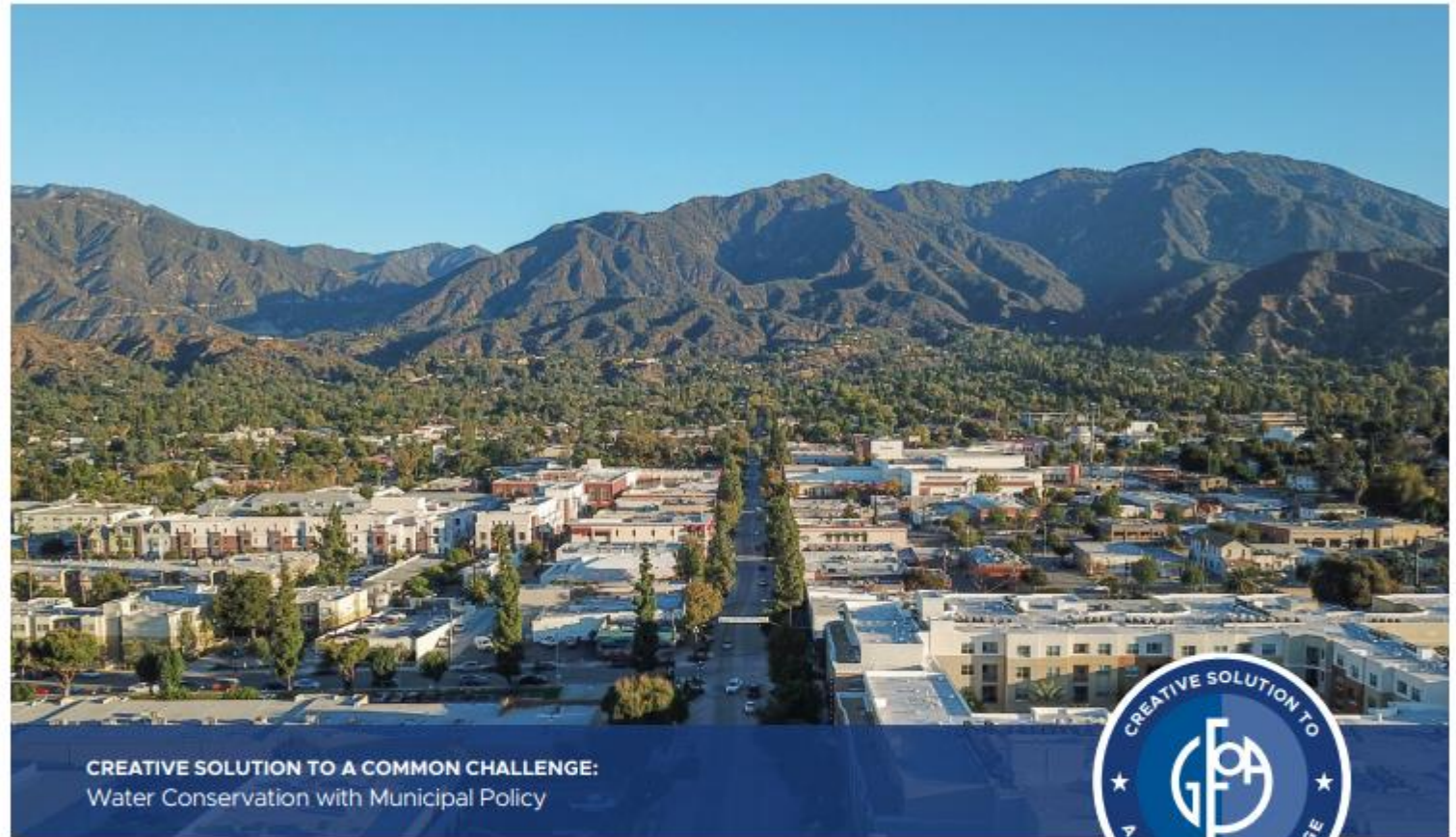
Water Conservation Outreach Efforts

- ▶ Outreach and educational tools included the following:
 - ▶ City Manager's weekly updates
 - ▶ Monrovia Today
 - ▶ Utility bill inserts
 - ▶ Water conservation kits
 - ▶ City website - Monrovia Conserves
 - ▶ Social Media
 - ▶ WaterSmart Rebates
 - ▶ Community events
 - ▶ Outdoor Audit Services for Residents
 - ▶ FREE Tree Watering Bags for Residents and Businesses



Program was a Success!!

- ▶ 1 of 6 Recipients of the Government Finance Officers Association (GFOA) 2023 National Award of Program Excellence
 - ▶ Staff will be attending the national GFOA conference (Orlando, FL) in June to present our program and results



City of Monrovia, California

Monrovia Conserves: A Finance Team's Approach to Water Conservation



With the state facing a historic drought in July 2021, California's Governor Gavin Newsom declared a drought state of emergency for 50 counties and urged all Californians to reduce their water usage by 15% compared to 2020 levels. Municipalities across the state brought

DRASTIC MEASURES FOR A DEVASTATING DROUGHT

Drought conditions during the summer of 2021 caused unprecedented water shortages throughout California. Municipalities across the state responded by implementing new water restrictions, such as limiting landscape irrigation to specific days of the week and times of the day, and leaving

So where do we go from here?

- ▶ Continued Conservation
 - ▶ Utilize remaining turf rebates and watersmart rebates
- ▶ Water Appeals Revenue
 - ▶ Best practice is assign to one-time expenses; or
 - ▶ Research best practice for establishment of loan or grant fund
 - ▶ Principal held in perpetuity for future needs
 - ▶ Utilizes only accrued and earned interest
 - ▶ Community projects that focus on sustainability, environment, etc.

So where do we go from here?

Environmental Focus Areas

- ▶ Tree Planting to resume in South Monrovia
- ▶ Vegetation Reestablishment (HWP / MCP)
- ▶ Food Recovery Pilot
- ▶ Clean Power Alliance
 - ▶ Community Project Requests due Fall 2024
 - ▶ 97% of customers remain 100% Green
- ▶ South Monrovia Community Garden
 - ▶ Approved on Dec. 5, 2023
- ▶ \$50k grant for turf removal on public property
- ▶ Satoru Tsuneishi Park
- ▶ Pursuing open space land acquisitions
- ▶ Special Events (Arbor Day)

Options:

- ▶ Option 1: Adopt Resolution 2014-14, rescinding the Phase II water emergency and ending the proposed enforcement plan and excess usage penalty
- ▶ Option 2: Do not adopt Resolution 2014-14 and direct staff to continue implementation of the Phase II water emergency plan
- ▶ **Recommendation: Option 1**

Questions?