

Community Meeting

Updating the Sustainable Water Use Ordinance

February 20, 2024



**WATER AND
POWER**

Purpose of Meeting

- Understand BWP's water resources & the impact of climate change
- Gather input to update the Sustainable Water Use Ordinance
- Input will be shared with City executives and leadership



Burbank's Water System

Richard Wilson
Assistant General Mgr
Water Services

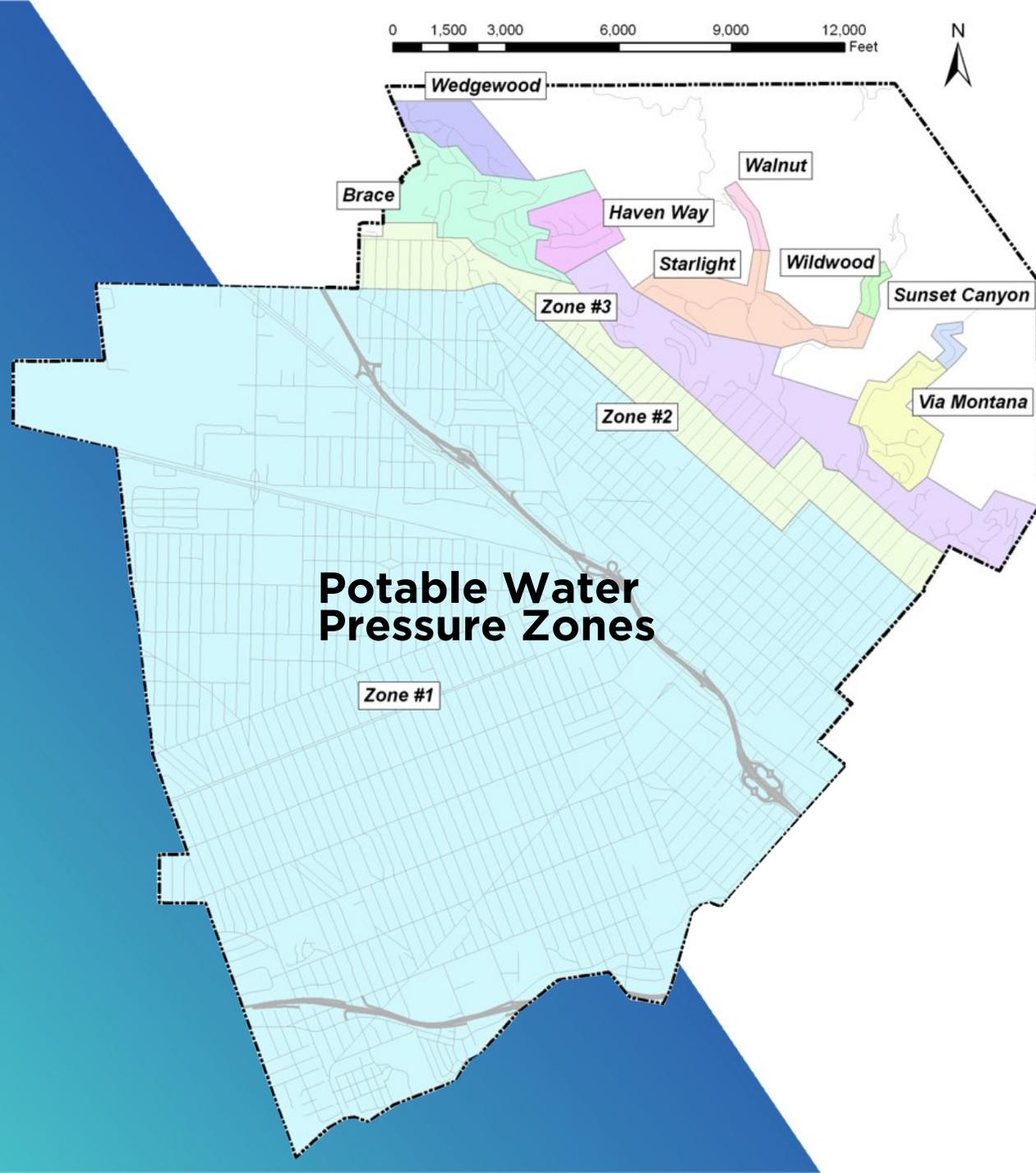


**WATER AND
POWER**

Story of Burbank's Water

<https://f.io/x8ji4Zrm>





Potable System

- 286 Miles of pipe
- 6,217 Valves
- 1,844 Hydrants
- 35 Boosters
- 5 Metropolitan Water District Connections
- 11 Pressure zones

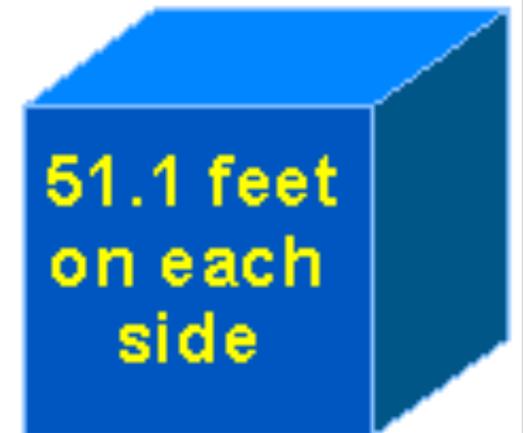
Burbank Water Demand

- 26,800 service connections
- Average demand: 14.5 Million Gallons/Day
- Max day: ~ 21 Million Gallons

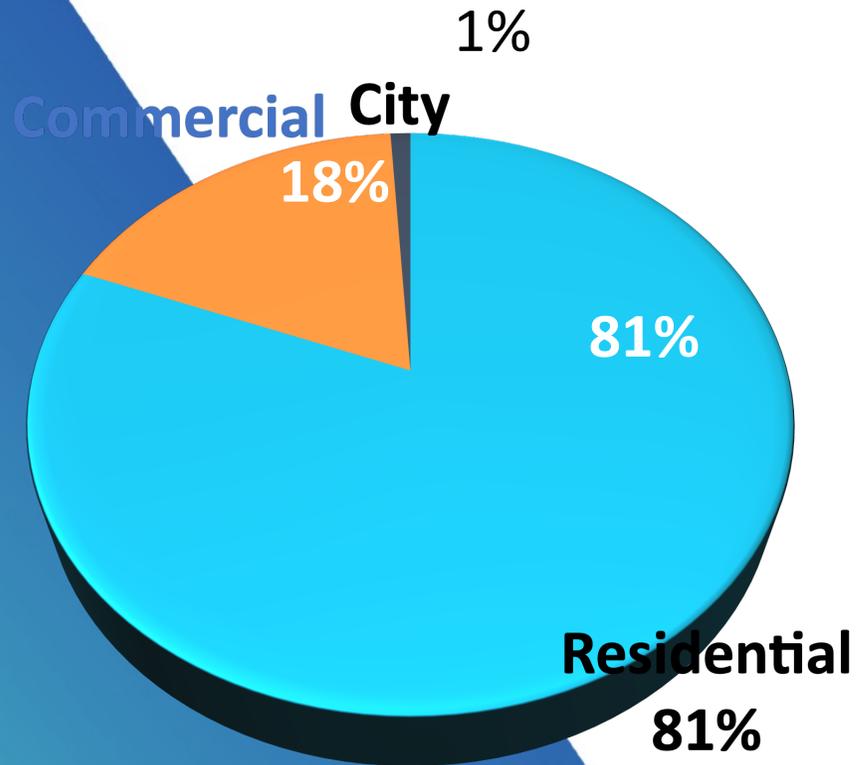
1 million gallons is:



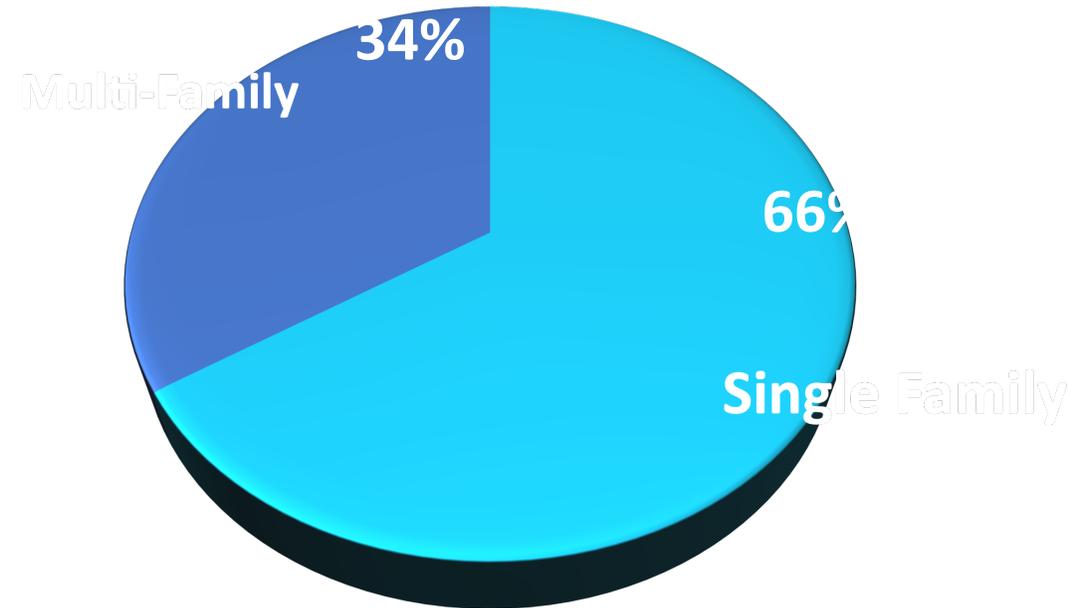
or



Burbank Water End Use



Residential Breakdown



BWP Has Two Main Water Sources



- No Native Water Rights
- Local treated groundwater
- MWD Treated Deliveries
 - 5 treated MWD connections

Water Supply Facts

- Burbank does not have water rights

Water must be purchased and imported by the Metropolitan Water District (MWD)



- BWP “spreads” untreated water onto the ground where it seeps into the aquifer.

Spreading Grounds



- Located in Sylmar at the terminus of MWD's San Fernando Tunnel
- Deliveries are spread at Pacoima and/or Lopez spreading grounds
- Relied on for approximately 8,000 acre-feet per year
- Necessary for maintaining groundwater inventory

Aerial View of Spreading Grounds



Burbank Operable Unit (BOU)



- Treats the groundwater to remove chemicals from Lockheed's airplane manufacturing operations
- Required by the EPA to remediate the contamination
- Water quality meets or exceeds state and federal water quality regulations

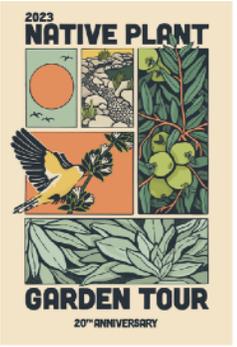
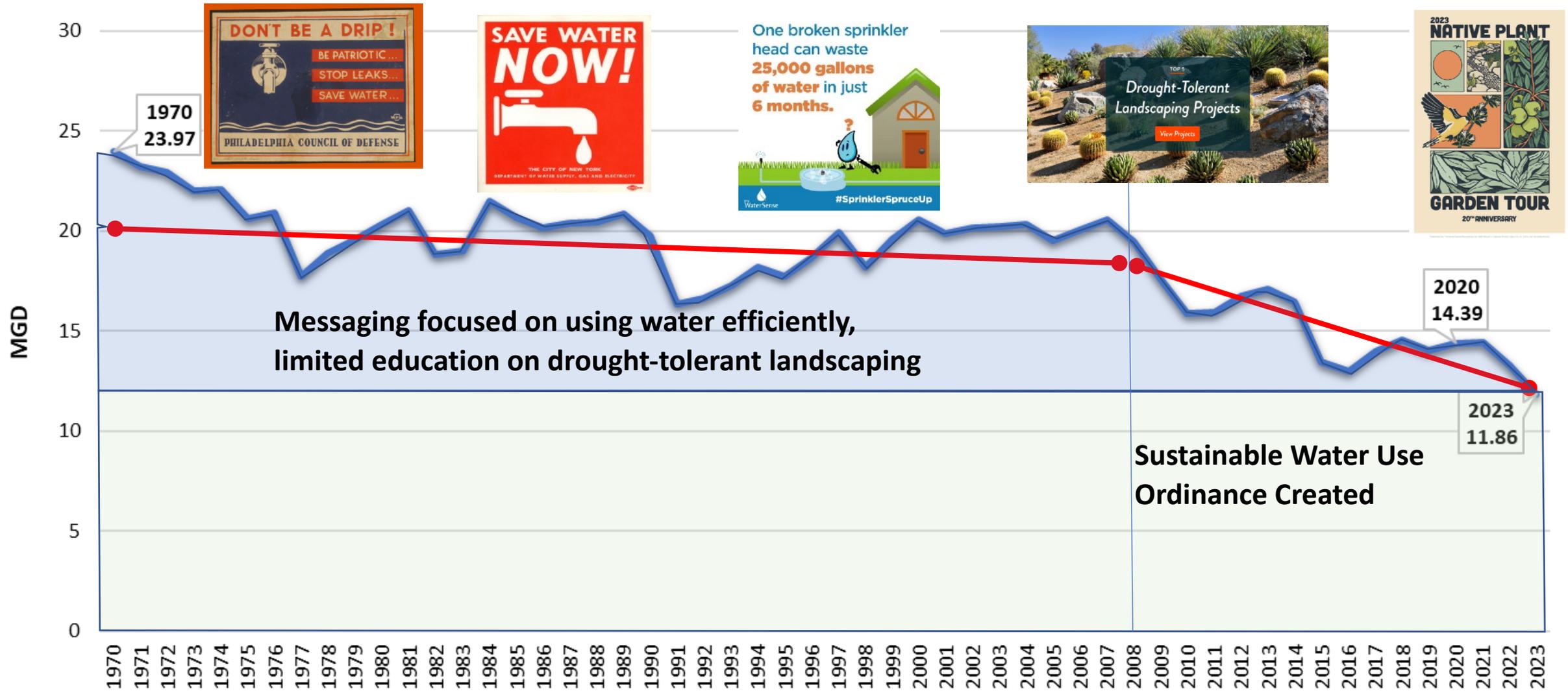
Oversight of the Ground Water Basin

- The Watermaster oversees the San Fernando Ground Water Basin
 - Keeps the official account of what is stored, used, and transferred
 - Burbank purchases from MWD and does not have water supply projects
 - BWP must maximize what we already have



Historical Water Demand

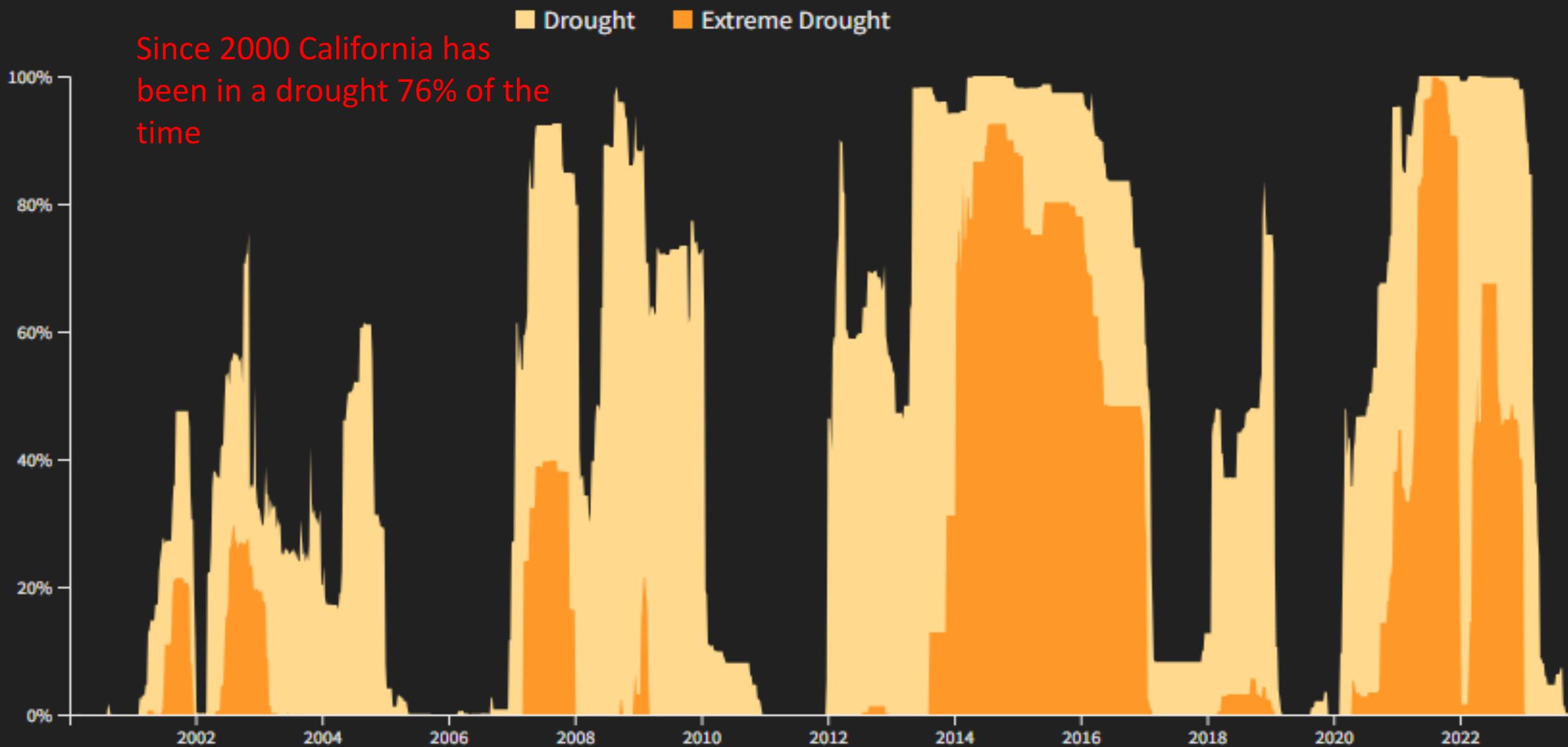
Burbank Water Demand 1970-2023



Messaging focused on using water efficiently, limited education on drought-tolerant landscaping

Sustainable Water Use Ordinance Created

A historical look at drought conditions in California, 2000-Present



Source: [National Integrated Drought Information System](#)

New Legislation:

Making Conservation a California Way of Life



Residential Indoor
(Rindoor)

+



Residential Outdoor
(Routdoor)

+



CII-DIM Outdoor
(CIIDIM)

+



Water Loss
(L)

+



If applicable:
**Variances (V) and/or
Bonus Incentive (BPR)**

Burbank's Sustainable Water Use Ordinance

Drew Johnstone
Sustainability Officer



**WATER AND
POWER**

What is the Sustainable Water Use Ordinance?

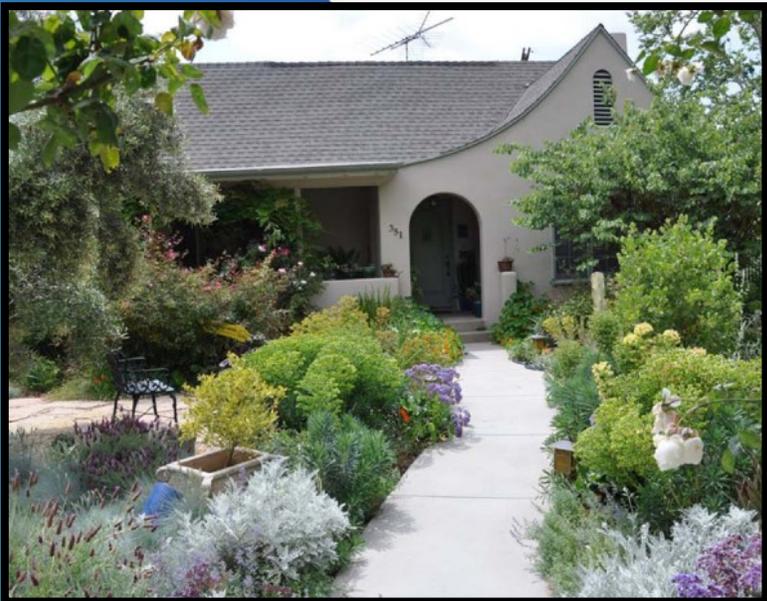


- Six stages
 - Maximizing efficient use of water
 - Preventing waste
 - Enforcement to discourage wasteful use



Existing Watering Schedule

Stages	Number of Watering days Summer	Number of Watering days Winter
1	  	  
2	  	
3	 	
4		
5	2 days/month	
6	No irrigation	

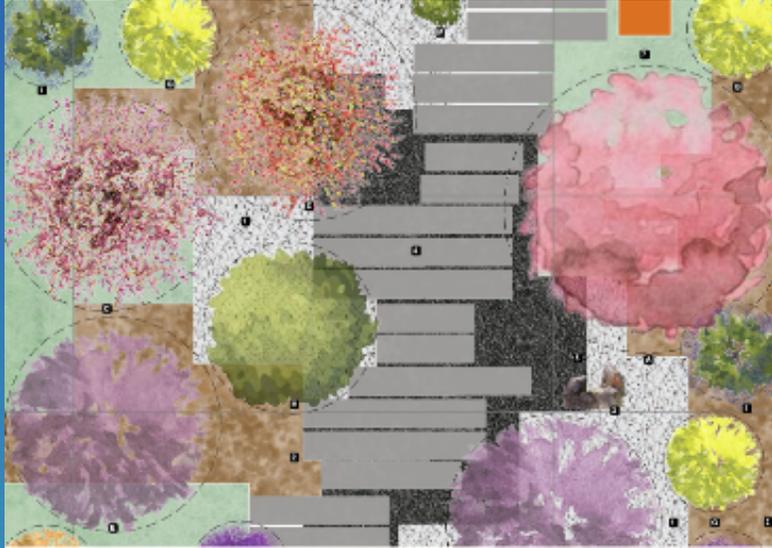


Why Update the Sustainable Water Use Ordinance?



- Greater variability and unpredictability of weather patterns
- California's arid climate
- New technologies

Other Factors to Consider



- Best practices of horticulture management
- California native landscaping
- Sustain more plant and animal life



Gathering Community Input

Sid Saini

Sr. Administrative Analyst



**WATER AND
POWER**

Input is being gathered from a wide range of sources



- Other water agencies – locally and nationally
- Horticulture subject matter experts
- Chamber of Commerce
- Sustainable Burbank Commission

Initial Insights



- Include native plants in outdoor landscaping
- Consideration of plant watering and soil needs
- Maintain focus on watering needs of trees
- Invest in low-flow irrigation
- Increase use of smart controllers and soil moisture sensors

Community input will be gathered



- In-person and virtual meetings
- Survey
- BWP Board Mtgs
- City Council Report

Timeline to Update the Ordinance

First community meeting	Jan 24, 2024
Community Survey launch	Feb 2, 2024
Sustainable Burbank Commission	Feb 12, 2024
Second community meeting	Feb 20, 2024
Third community meeting	Mar 27, 2024

Timeline to Update the Ordinance

BWP Board approval	May
City Council approval	June
New ordinance effective	July

Community Input



Questions & Feedback

Richard Wilson, Assistant General
Manager, Water Systems

Drew Johnstone, Sustainability Officer

Sid Saini, Sr. Admin Analyst

Water Use per Capita

..... 20% by 2020 = 155

