



CITY OF SURPRISE
Regular City Council Work Session
16000 N. Civic Center Plaza
Surprise, AZ 85374
Tuesday, June 3, 2025 @ 4:30 PM
COUNCIL CHAMBERS

- A. Call To Order
- B. Roll Call
- C. Pledge of Allegiance
- D. Proclamation and Community Acknowledgements
- E. City Manager Report

The City Manager may present a brief summary of current events, including recognition of community members, employees, and programs, pursuant to A.R.S. § 38-431.02(K). The City Council will not discuss or take action on any matter within the City Manager Report.

- F. City Clerk Report
- G. Regular City Council Work Session Agenda

CONSENT AGENDA:

REGULAR AGENDA ITEM - PUBLIC HEARING:

REGULAR AGENDA ITEM - NON-PUBLIC HEARING:

- | | | | |
|----|----------|---|---|
| 1. | Citywide | Presentation and Discussion of the 2024 International Building and Fire Codes Adoption Process. | Mindy Davis
Community
Development |
| 2. | Citywide | Presentation and discussion regarding an update on the City's water resources. | Michael Boule
Water Resource
Management |
- H. Other Business and Future Agenda Items
 - I. City Council Reports
 - J. Executive Session

For information Purposes; Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, but for only the following purposes:

- discussion or consideration of personnel matters (A.R.S. §38-431.03 (A)(1));
- discussion or consideration of records exempt by law from public inspection (A.R.S. §38-401.03 (A)(2));
- discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03 (A)(3));
- discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid or resolve litigation (A.R.S. §38-431.03 (a)(4));
- discussion or consultation with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03 (A)(5)); or
- discussion, consultation or consideration for international and interstate negotiations or for negotiations by a city or town, or its designated representatives, with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city or town. A.R.S. §38-401.03 (A)(6)).

- discussing or consulting with designated representatives of the city in order to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03 (A)(7)).

Confidentiality Requirements Pursuant to A.R.S. §38-431.03(C)(D): Any person receiving executive session information pursuant to A.R.S. §38-431.02 shall not disclose that information except to the Attorney General or County Attorney by agreement of the City Council, or as otherwise ordered by a court of competent jurisdiction.

The council may vote to hold an executive session for the purpose of obtaining legal advice from the Board's attorney on any matter listed on the agenda pursuant to A.R.S. § 38-431.03(A)(3).

K. Adjournment

KRISTI PASSARELLI, CITY CLERK

POSTED: Thursday, May 29th, 2025 @ 10:00 AM

SPECIAL NOTE: PERSONS WITH SPECIAL ACCESSIBILITY NEEDS, INCLUDING LARGE PRINT MATERIALS OR INTERPRETER, SHOULD CONTACT THE CITY CLERK'S OFFICE @ 623.222.1200 OR CLERK@SURPRISEAZ.GOV, BY NO LATER THAN 24 HOURS IN ADVANCE OF THE REGULAR SCHEDULED MEETING TIME.



CITY OF SURPRISE
Regular City Council Work Session

Council Meeting Date: June 3, 2025
Submitting Department:
Staff Recommendations:

Contact Person:
District: Citywide

Consent: No	Regular: No	Public Hearing: No	Report/Discussion: No
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Agenda Wording:
City Manager sub-text

Motion:

Background:

Objective Analysis:

Policy Compliant:

Financial Impact:

Budget Impact:

FTE Impact:

ATTACHMENTS:



CITY OF SURPRISE
Regular City Council Work Session

Council Meeting Date: June 3, 2025

Contact Person: Mindy Davis, ASSISTANT
DIRECTOR

Submitting Department: Community Development District: Citywide

Staff Recommendations:

Consent: No

Regular: No

Public Hearing: No

Report/Discussion: Yes

Agenda Wording:

Presentation and Discussion of the 2024 International Building and Fire Codes Adoption Process.

Motion:

For presentation and discussion only.

Background:

The International Building Codes (I-Codes) are developed by the International Code Council. The City of Surprise has utilized the I-Codes as its adopted building code since the 2003 Edition. The City of Surprise last adopted the 2018 edition of the I-Codes in September 2019. The 2024 edition of the I-Codes is the most current available for adoption. All municipalities in Maricopa County use some edition of the I-Codes, with Buckeye and Chandler having recently adopted the 2024 edition of the I-Codes. The adoption of the I-Codes includes local amendments including Fire Suppression, Sound Attenuation and Residential Pool Barrier requirements.

Objective Analysis:

The adoption of any new building code requires approval of the City Council by ordinance.

Policy Compliant:

N/A

Financial Impact:

There are no anticipated financial impacts related to this item.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

WELCOME

2024 INTERNATIONAL BUILDING AND FIRE CODE ADOPTION OVERVIEW

City Council Work Session

June 3, 2025



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2024 I-Code Adoption Overview

- Transition from 2018 to 2024 I-Codes



Why We Adopt Building and Fire Codes

- Protect Lives & Property
- Support Economic Development
- Align with Industry Advancements
- Reduce Liability & Insurance Costs



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About the International Code Council



- Most Widely Used Building Code in United States
- 100+ Years of Impact
- Develops Building Codes and Standards
- Used to Both Design and Build

About the International Code Council



- All Regions and Geographies
- New Materials, Methods, and Technologies
- Code Development Cycle
 - Published Every Three Years



Regional Adoption Strategy

- Six-Year Adoption Cycle
- Resource Allocation
- Cost Considerations



The 2024 I-Codes

- 10 Volumes
 - 4718 pages
- Local Amendments
 - Approximately 70 pages



Local Amendments

Regional Best Practices

- Residential Energy Services Network (RESNET)
- Items Exempt from Permit
 - Replacement Windows
 - Residential HVAC Replacement



Local Amendments

Developed for Compliance

- Arizona Revised Statutes (Fire Sprinklers)
- County Requirements (Public Pools)



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2024 I-Code Adoption

Adopted

- Buckeye
- Chandler

In Process

- Maricopa County
- Tempe
- Phoenix
- Goodyear
- Peoria
- Gilbert

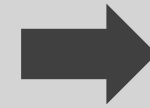


Project Schedule

June



August



September

Post Draft Online for
Public Comment

Planning & Zoning
Information Session

Legal Review
Completed

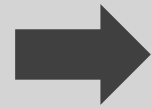
Public Outreach
Meetings



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Project Schedule

October



November



December

Council Work Session
Update

Planning & Zoning
Update

Council for Adoption



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Questions or Comments?



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CITY OF SURPRISE
Regular City Council Work Session

Council Meeting Date: June 3, 2025
Submitting Department: Water Resource
Management
Staff Recommendations: None

Contact Person: Michael Boule, Director
District: Citywide

Consent: No Regular: No Public Hearing: No Report/Discussion: Yes

Agenda Wording:

Presentation and discussion regarding an update on the City's water resources.

Motion:

NA

Background:

The purpose of the Work Session item is to continue a dialogue regarding the City's water resources. The presentation will focus on the regional drought conditions and the projected 2026 Colorado River status. The discussion will include updates on current projects and initiatives related to water supply and water demand management.

Objective Analysis:

Brief City Council and our residents on the ongoing efforts related to securing Surprise's water future.

Policy Compliant:

This item is policy compliant and is consistent with the Water Resource Management Policies along with established Municipal Code.

Financial Impact:

There is no anticipated financial impact related to this item.

Budget Impact:

There is no anticipated budget impact related to this item.

FTE Impact:

This item does not have an impact on current staff levels.

ATTACHMENTS:

1. Water Resource Update - Spring 2025
-

SPRING 2025 WATER RESOURCE UPDATE



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Outline

- Colorado River conditions
- Water Resource Management (WRM) year-in-review
- Looking forward



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Colorado River Update

City of Surprise

Vineetha Kartha
Colorado River Programs Manager

YOUR WATER. YOUR FUTURE.

Here's what we'll cover today:

Arizona Water Use - Facts & Figures

Colorado River Water Supplies

Colorado River Shortage

Post-2026 Operations



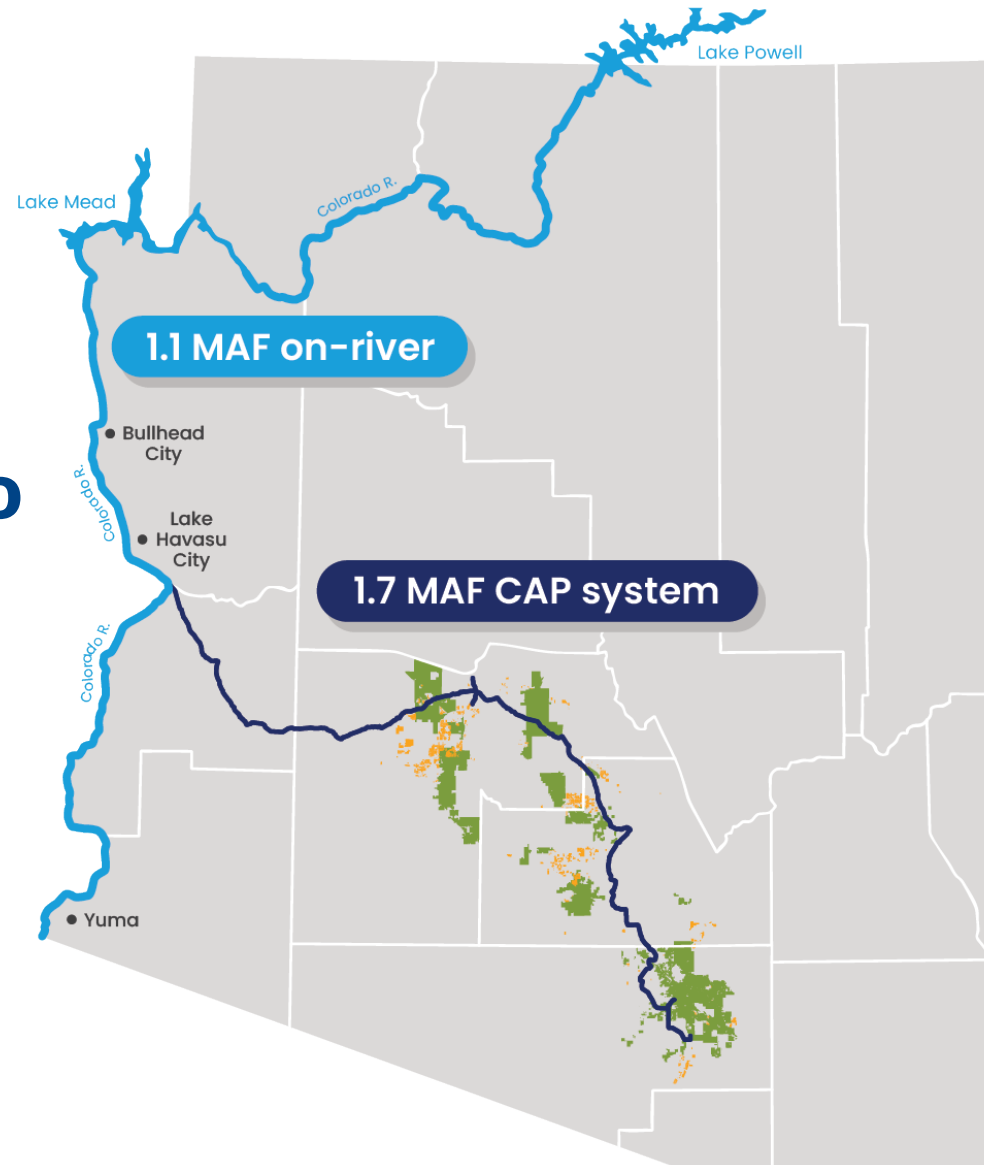
Colorado River Allocation

- Upper Basin States: Colorado, New Mexico, Utah, and Wyoming
- Lower Basin States: Arizona, California, and Nevada
- 7.5 million acre-feet (MAF) annual allocation of Colorado River water for the Upper Basin, 7.5 MAF for the Lower Basin and 1.5 MAF for Mexico
- Lower Basin allocations
 - AZ (2.8 MAF)
 - CA (4.4 MAF)
 - NV (0.3 MAF)



Arizona's 2.8 MAF allocation

Arizona Colorado River Use

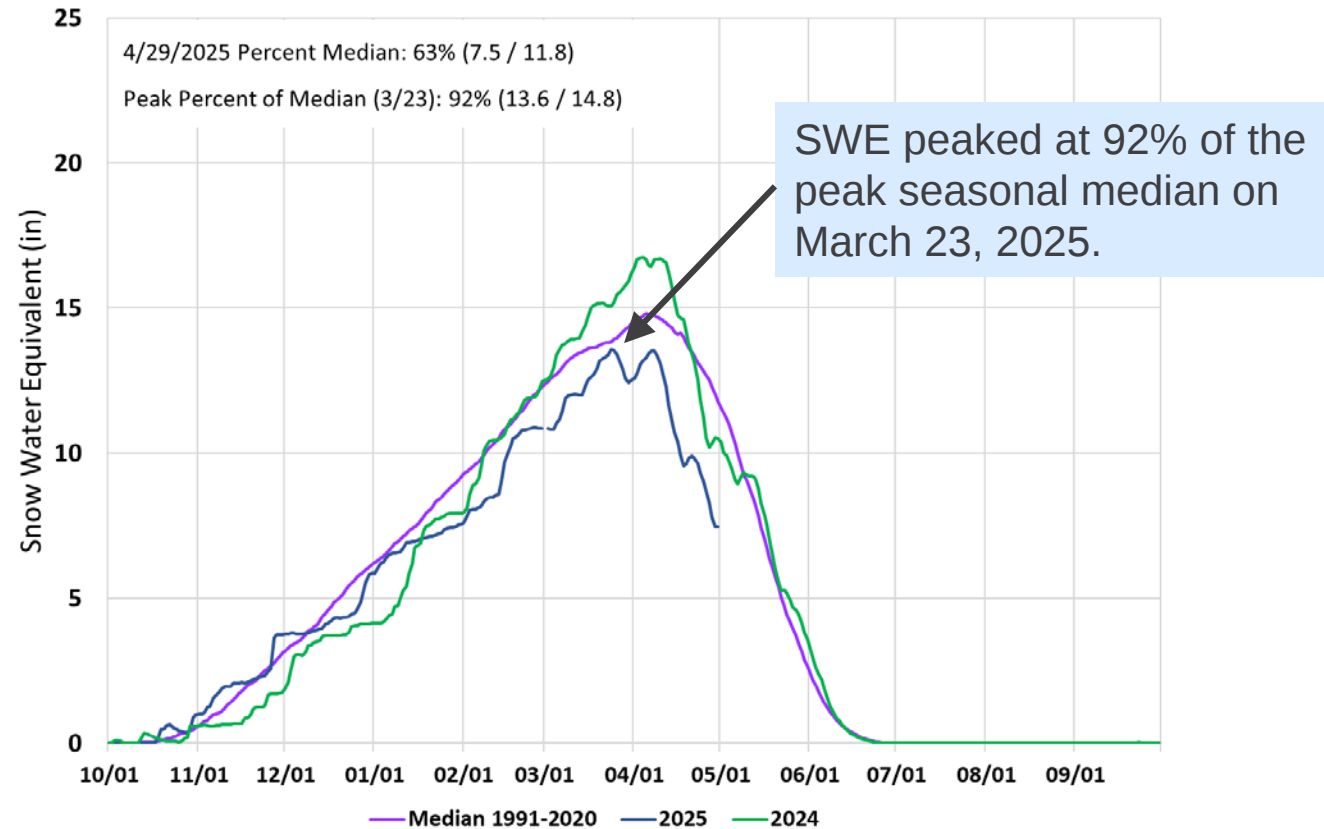


Central Arizona Project

- 336-mile aqueduct stretches from Lake Havasu to Tucson
- Serves region where 80% of the state's population resides; 6 million people and 12 tribes
- Supply allocated 46% to tribes and 54% municipal



Colorado River Basin above Lake Powell



For the overall Colorado River Basin above Lake Powell, the snow accumulation as of 4/29/2025 is at 7.5 in., which is 63% of the 30-year median for this date of 11.8 in.

Colorado River – Recent Conditions



Lake Powell near Glen Canyon Dam

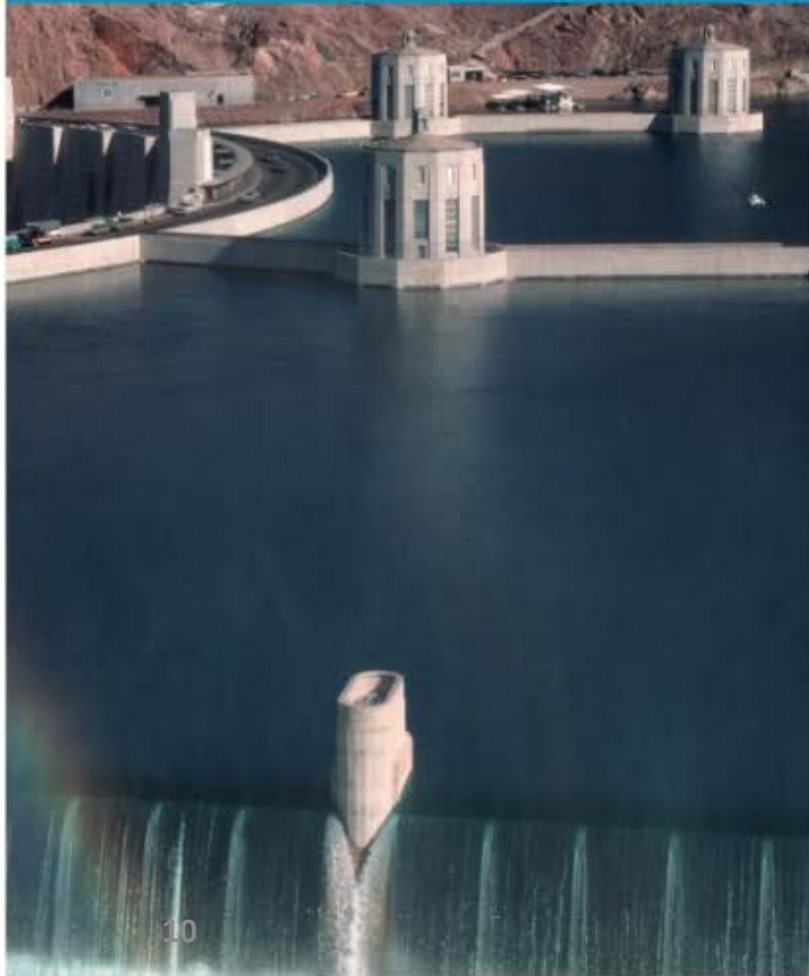


Lake Mead near Hoover Dam

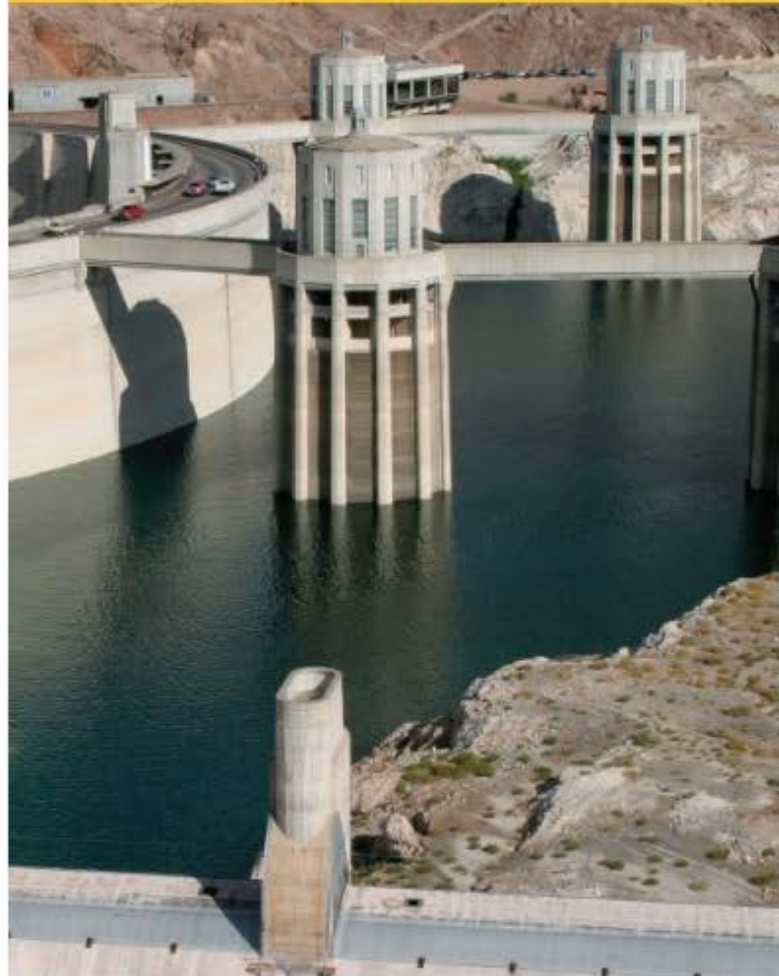
- Driest 23-year period (2000–2022) on record
- Low inflows 4 of the past 5 years (37 to 63% of average)
- Water Year 2021 – second lowest inflow into Lake Powell since 1964
- Tier 1 shortage in 2022
- Tier 2a shortage in 2023
- Tier 1 shortage in 2024, 2025 & *likely 2026*

Severe and sustained drought conditions continue to impact critical storage reserves in the Colorado River Basin.

1983



2003



TODAY



Post-2026 Environmental Impact Statement

- The Guidelines that govern the operation of Lake Powell and Lake Mead expire at the end of 2026.
- NEPA process has commenced to develop post-2026 Operational Guidelines
 - o To improve management of the Colorado River system
 - o To provide greater degree of predictability with respect to the amount of annual water deliveries
 - o Continued stability of the Colorado River System
- Basin States are working together to develop an alternative for Post-2026 EIS

Questions

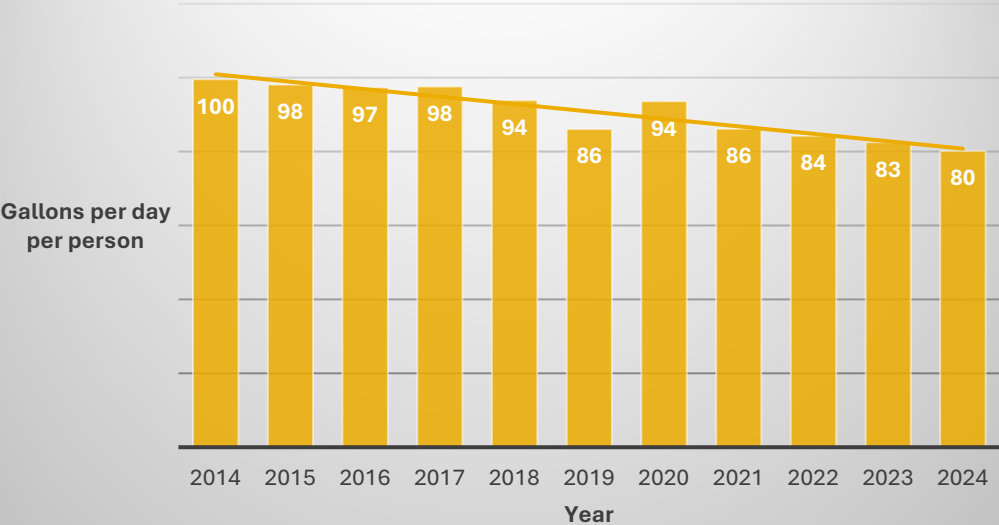
YOUR WATER. YOUR FUTURE.

WRM year-in-review

	2023	2024	Change
Delivered (acre-feet)	9,804	10,546	8.0%
Accounts	22,817	24,937	9.0%

- 2024 potable water use
- 2024 account growth
- Single family per capita use
- Comparison to demand projections: 12,631 af

Single-family GPCD - 10 year trend



WRM Designation Status

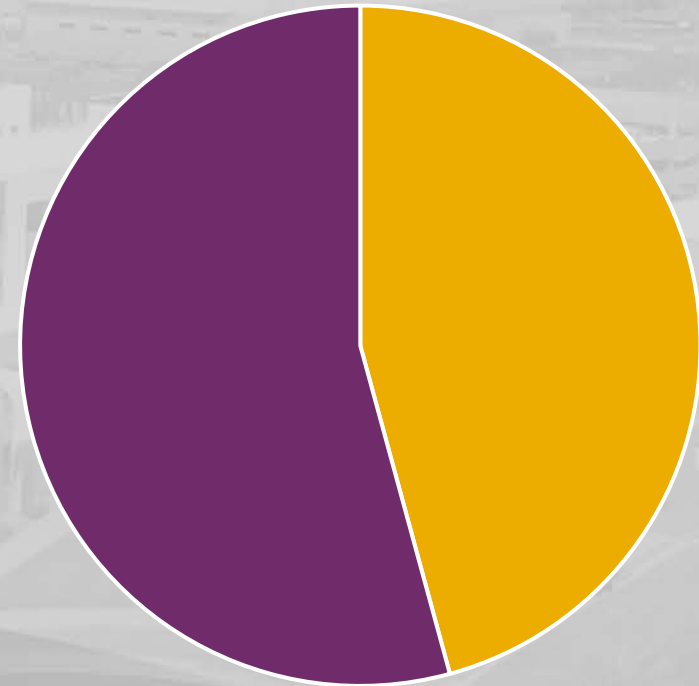
Water acquisition policy goals

1. Water credits: 15 years or 15 times the City's service area net demand
2. Renewable rights: 200% of the City's service area demand

Current status

1. Credit balance estimate = 192,994 af or 17 years
2. 46% of Designation of Assured Water absorbed

Designation of Assured Water Supply (DAWS) Budget



■ Delivered in 2024 ■ Remaining Designated Volume

WRM Designation Planning

2040 DAWS estimate

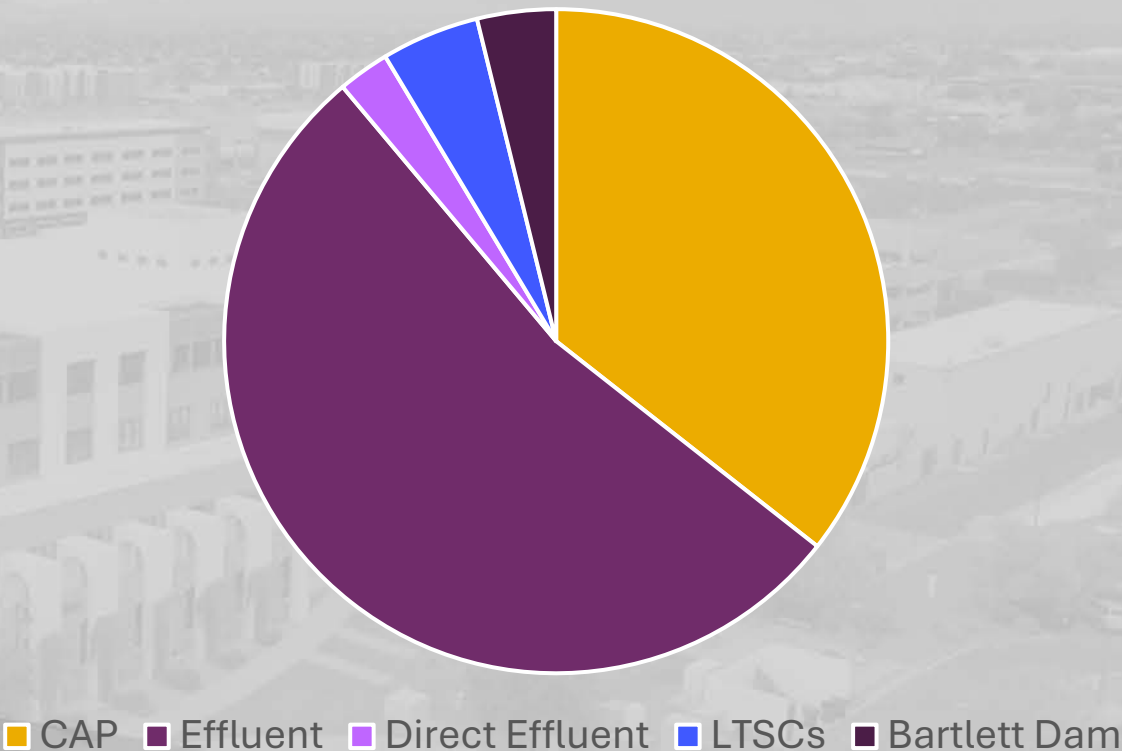
Supplies

CAP	14,179
Effluent	21,228
Reclaimed water	1,000
Long Term Storage Credits	1,900
Bartlett Dam	1,528
Total	39,835

Demand

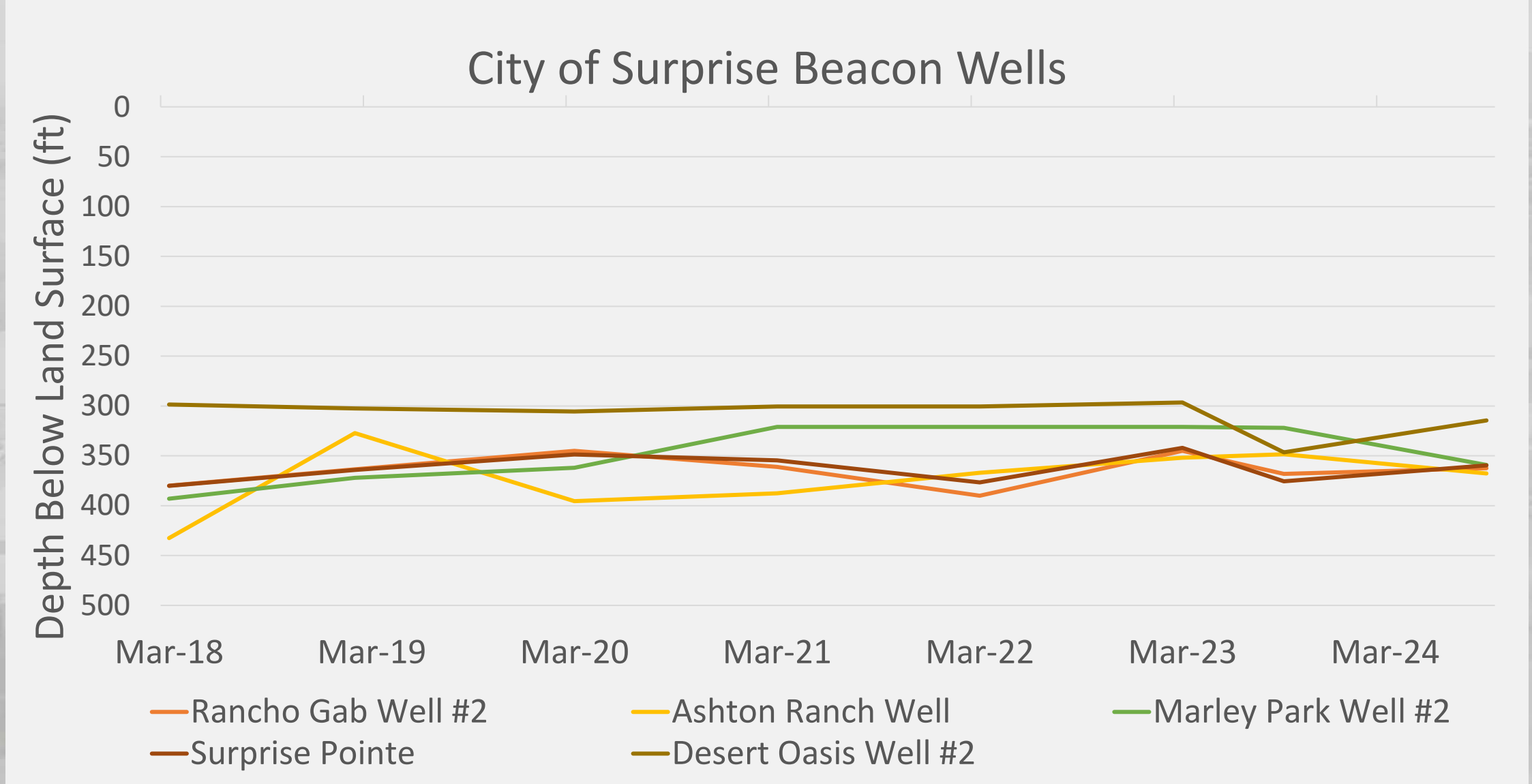
28,589 af

2040 Estimated DAWS Budget



- Future Considerations:
- Post 2026 Colorado River Guidelines
 - Bartlett Dam Modification Outcome
 - Arizona Department of Water resources Groundwater Ruling
 - Annual Storage Recovery infrastructure

Groundwater levels



Water Conservation Update

Outreach programs

- Qualified Water Efficient Landscapers (QWEL): 25 professionals certified
- Plumbing Assistance Program: 5 recipients
- Water conservation classes: 24
- Garden tours: monthly
- Master Gardener office hours: weekly
- Library hours: monthly

Outreach channels

Surprise Progress
surpriseaz.gov
annual water quality report
press releases
City Council proclamations

Community events
Surprise City Gov Facebook
Water Resource Roundtable
HOA board meetings
WaterSmart software
New homeowner packets

Rebate Program Performance		
	Fiscal Year 2023	Fiscal Year 2024
Smart Controller	35	134
Xeriscape installation	0	9
Turf removal	4,046 square feet	> 235,000 square feet
Estimated Water Savings	624,820 gallons	> 8,000,000 gallons



Water Resource Roundtable Update

The Water Resource Roundtable will strengthen communication and planning efforts between water users and the City of Surprise.

- Roundtable meeting #4
 - December 3, 2024
 - ADWR Conservation Plan support
- Roundtable meeting #5
 - March 4, 2025
 - High Water User Ordinance stakeholder outreach
- Next meeting – June, topic TBD



What's next?

Ordinance update

- forthcoming work session
- Stormwater
- Pretreatment
- Water conservation
- High water user ordinance

Development agreements

- SPA 2 North Water Agreement & Tank Turnover Agreement
- Surprise Foothills – Amendment 2

Infrastructure projects

- Circle City improvements
- New wells
- Bell Road Lake recharge
- Kamarata Ranch recharge
- “Area of hydrologic impact” (AOHI) expansion
- SPA 1/2/3 interconnect

Integrated Water Master Plan update

- Water & wastewater infrastructure
- Water resources

Drought Preparedness Plan update

- Mid-FY26
- Stakeholder outreach via Water Resource Roundtable

Questions or Comments?

THANK YOU



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