PLEASE SILENCE ALL ELECTRONIC COMMUNICATION DEVICES. THANK YOU.

NOTICE OF POSSIBLE QUORUM OF THE CITY OF BUCKEYE PLANNING AND ZONING COMMISSION OR OTHER COUNCIL APPOINTED BOARD: PLEASE NOTE THAT THERE MAY BE A QUORUM PRESENT BUT THERE WILL BE NO VOTING TAKING PLACE BY THE CITY PLANNING AND ZONING COMMISSION OR OTHER COUNCIL APPOINTED BOARD AT THIS MEETING.

CITY OF BUCKEYE
COUNCIL WORKSHOP
JUNE 16, 2026
AGENDA

City Hall - 1st Floor / Executive Conference Room
530 East Monroe Avenue
Buckeye, AZ 85326
3:30 p.m.
The doors will be open to the public at least 15 minutes prior to the start time of the meeting.

Accessibility for all persons with disabilities will be provided upon request. Please telephone your accommodation request (623) 349-6911, 72 hours in advance if you need a sign language interpreter or alternate materials for a visual or hearing impairment.

Voting Members will either attend in person or by telephone conference call or video presentation. Items listed may be considered in any order.

---

1. Call to Order/Roll Call

2. Workshop Items

2.A Presentation and discussion on the 2026 Intelligent Transportation Systems (ITS) Network Strategic Plan. (Approximate time: 45 minutes)

Summary: The ITS Strategic Plan is a guidance document for planning and strategic implementation of a comprehensive ITS infrastructure network. The original ITS Network Strategic Plan was approved by City Council in 2018. This document is an update to the plan. Staff Liaison: John Willett, Deputy Director of Transportation, jwillett@buckeyeaz.gov, (623) 349-6282

2.B Colorado River update by Central Arizona Water Conservation District (CAWCD) Board President Terry Goddard and introduction to proposed citywide Water Policies by Water Resources Director Terry Lowe. (Approximate time: 1 hour)

Summary: CAWCD Board President Terry Goddard will provide Council with an update on the current Colorado River conditions, and ongoing negotiations that will help determine how the Colorado River system is managed for decades to come. Following the presentation, Director Lowe will provide an introduction of the Water Resources Department's proposed water policies: "Water Conservation", "Use of Reclaimed Water", "Water Acquisition and Funding", "Strategic

Water Planning", and “Water Allocations for Designations of Assured Water Supply.”
Staff Liaison: Terry Lowe, Water Resources Director, tlowe@buckeyeaz.gov, (623) 349-6102

3. Adjournment.

CITY OF BUCKEYE
Council Workshop Agenda
COUNCIL ACTION REPORT

MEETING DATE: 06/16/26	**AGENDA ITEM:** 2.A. PMO - Intelligent Transportation Systems (ITS) Network Strategic Plan Update - Workshop
DATE PREPARED: 06/11/26	**DISTRICT NO.:** All
STAFF LIAISON: John Willett, Deputy Director of Transportation, jwillett@buckeyeaz.gov, (623) 349-6282	
DEPARTMENT: Program Management Office	**AGENDA ITEM TYPE:** Workshop Item

TIME NEEDED: 45 Minutes

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Presentation and discussion on the 2026 Intelligent Transportation Systems (ITS) Network Strategic Plan. (Approximate time: 45 minutes)

GOALS AND OBJECTIVES FOR THE STRATEGIC PLAN FOCUS AREAS:
Infrastructure

SUMMARY

PROJECT DESCRIPTION:
The City of Buckeye is updating the 2018 ITS Network Strategic Plan. The original plan was approved by City Council in January 2018. The ITS Strategic Plan is a guidance document to optimize the capacity of the transportation system, improve safety, and reduce peak-hour delays on arterials by facilitating active operation and management. The ITS Network Strategic Plan identify strategies and tools that enables the City to manage its transportation network more efficiently. ITS includes communications and field technologies that are integrated into the transportation network such as traffic signals, cameras, fiber optic communications, and Transportation Management Center (TMC), as well as connectivity to city buildings, water facilities, fire stations, parks and other vital city infrastructure. The plan details specific fiber network expansion, future staffing needs, and other city departments involvement.

BENEFITS:
ITS infrastructure network optimizes the capacity of the transportation system, improve safety, and reduce peak-hour delays on arterials by facilitating active operation and management of the transportation network

FUTURE ACTION:
The adoption of this Plan does not require any specific actions. There will be future Capital Improvement Program (CIP) projects and pursuit of Grants to install the necessary infrastructure that will require City Council approval in the future.

FINANCIAL IMPACT STATEMENT:
The ITS Network Strategic Plan does not have an immediate financial impact; however, the Plan identifies recommended CIP projects to be programmed.

CURRENT FISCAL YEAR TOTAL COST:
The ITS Network Strategic Plan does not have a current fiscal year toal cost.

BUDGETED:
No

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
26-0616 - ITS Strategic Plan Update 2026 Council Workshop.pptx

Intelligent Transportation Systems (ITS) Strategic Plan Update

Council Workshop

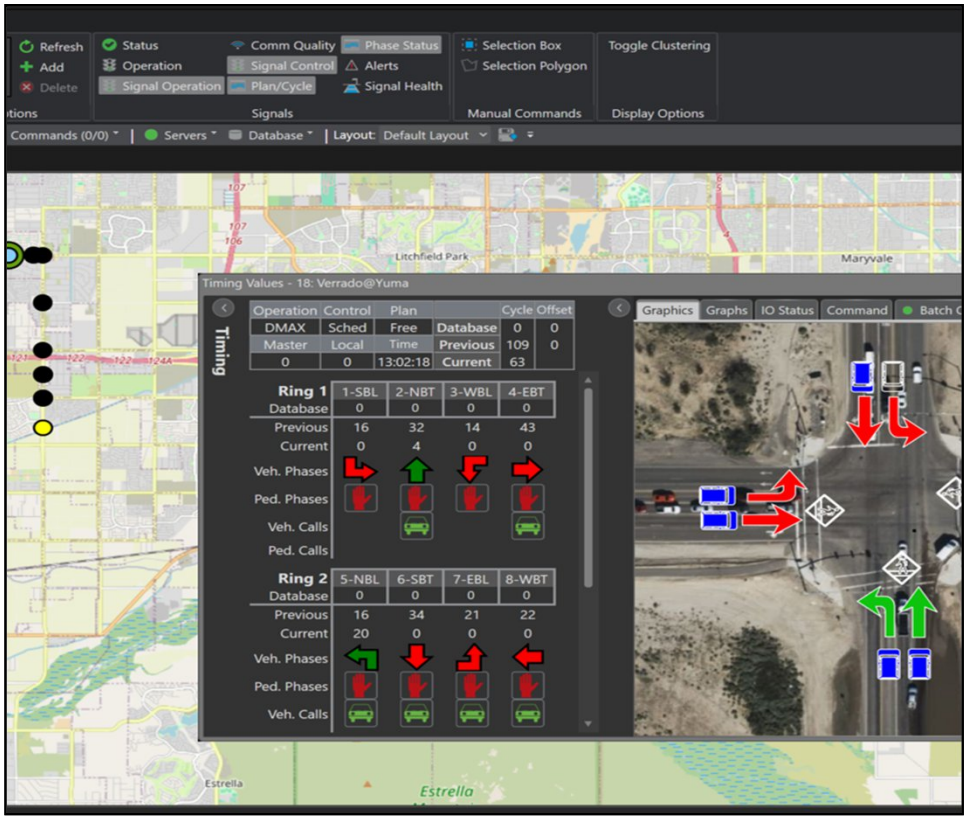
June 16, 2026

BUCKEYE
ARIZONA
buckeyeaz.gov



What is ITS?

- Intelligent Transportation Systems (ITS)
- Purpose
- Function
- Benefit



2018 Goals and Objectives

- Internal and external relationships/partners.
- Existing Transportation network (street system) supported traffic volume and congestion.
- Installation of fiber communications to traffic signals, cameras and Emergency Vehicle Pre-emption system.
- Build a Traffic Management Center (TMC).

Where Are We in 2026

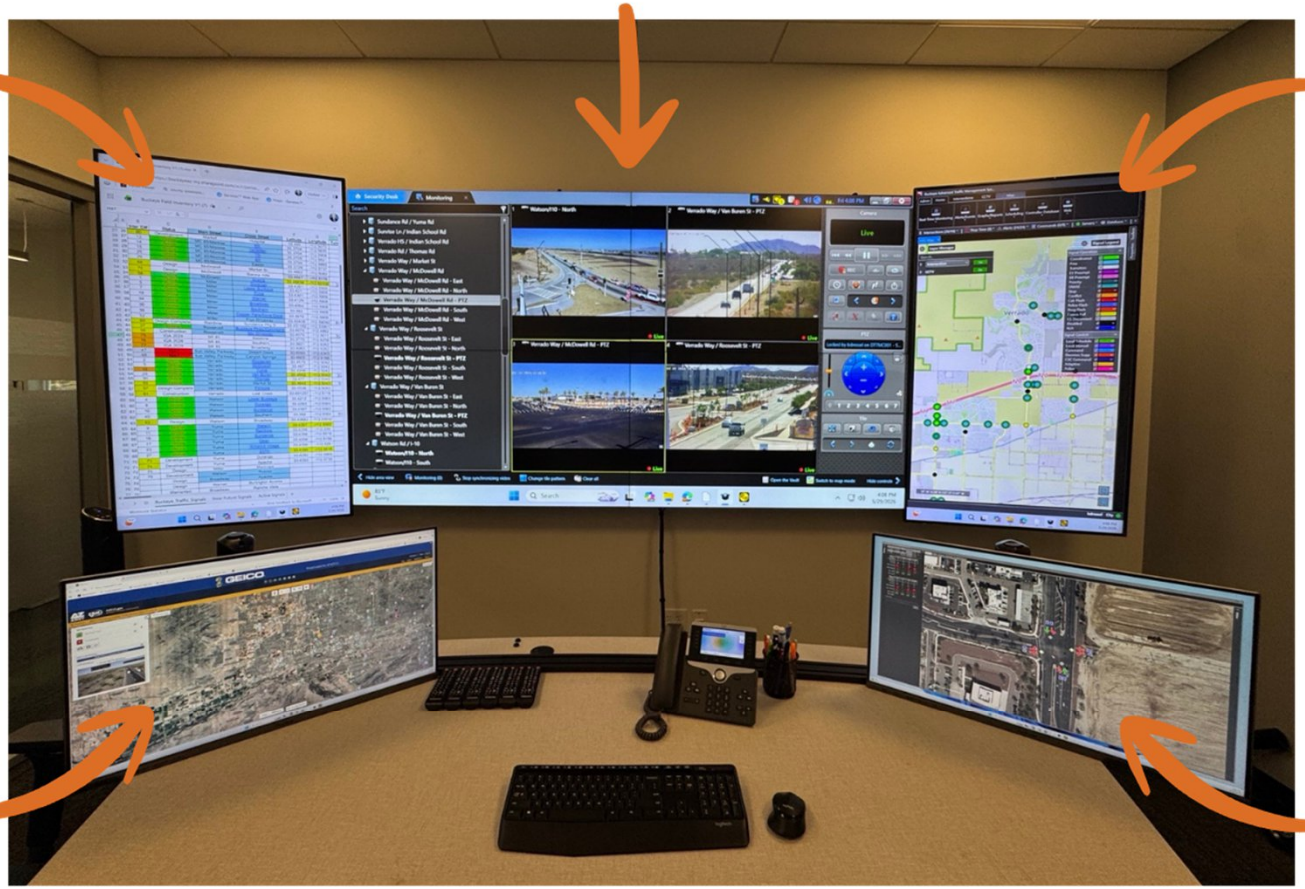
- As of June 2026, 44 traffic signals from 23 signals in 2018.
- All 44 have communications.
- Major developments have occurred on:
  - Miller
  - Watson
  - Verrado Way

Where Are We in 2026

- Roadways widened and new traffic signals:
  - Miller
  - Watson
  - Verrado
  - Jackrabbit Trail
- In two (2) years, approx. 30 signals will be installed or in design.
- The total signals will be over 75.

Shared Police Video

Infrastructure Tracking



Advanced Traffic Management System (ATMS)

AZ-511 Mapping

Intersection Control

2026 ITS Strategic Plan

- According to the City's Transportation Master Plan (TMP), Buckeye expects to have between 350 to 400 traffic signals at buildout.

Optimize the capacity of the transportation system, improve safety, and reduce peak-hour demand on gateway arterials…. → ***INFRASTRUCTURE***

…by facilitating active… → ***SYSTEMS***

…operation and management of the transportation network… → ***STAFFING***

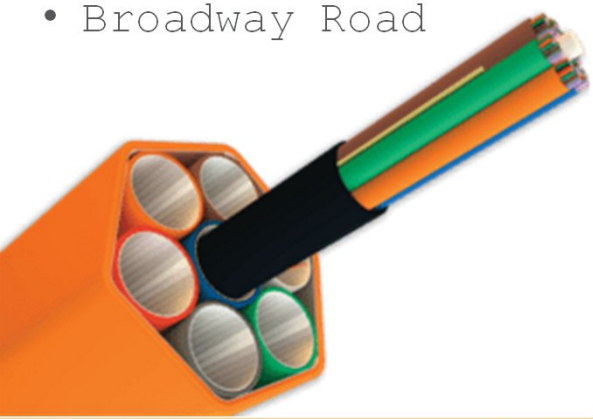
…and coordinating with neighboring agencies for cross-jurisdictional operations. → ***PARTNERING***

Infrastructure

2018 Priority Corridors

- Miller Road
- Watson Road
- Southern Avenue
- Monroe Avenue
- Apache Road
- Broadway Road





2026 Priority Corridors

- Monroe Avenue **(Complete)**
- Verrado Way **(Complete)**
- Miller Road **(Completion in 2027)**
- Yuma Road **(Completion by 2027)**
- Indian School Road **(Completion by 2028 – CIP)**
- Jackrabbit Trail **(Sections by 2028 – CIP)**
- Watson Road
- Dean Road
- Southern Avenue
- Apache Road
- Broadway Road

Systems and Staffing

Systems Deployed to Date:

- Genetec Video system for Police Department and the TMC.
- KITS Advanced Traffic Management System for real-time signal timing.

Staffing:

- ITS Technician for maintenance.
- ITS Analyst for operations.

Partnerships

Great partnerships have been developed throughout the city with:

- Police
- Fire
- IT/GIS
- Public Works
- Development Services
- Water/Wastewater
- Community Services

Private sector partnering for fiber deployment.

Cross jurisdictional partnerships:

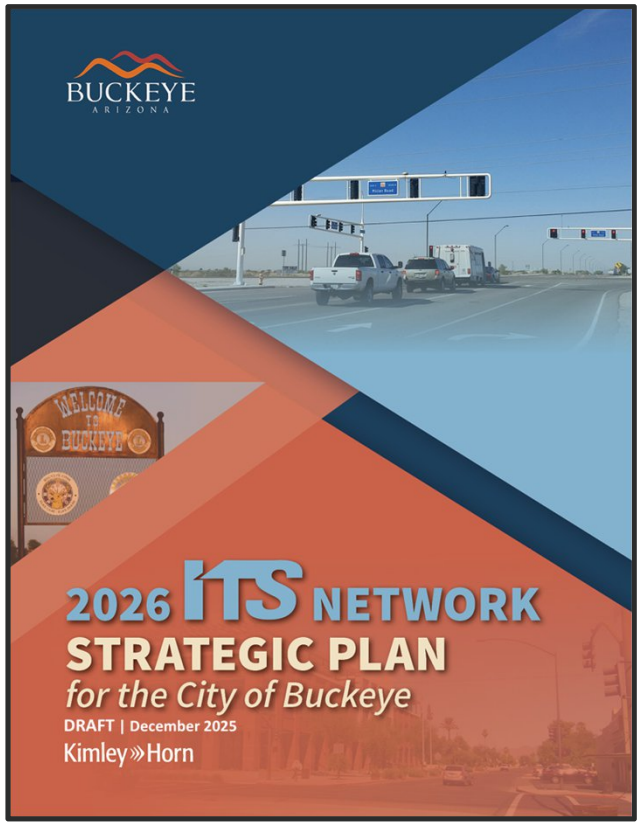
- Arizona Department of Transportation (ADOT)
- Maricopa County Department of Transportation (MCDOT)
- Maricopa Association of Governments (MAG)
- City of Goodyear
- City of Surprise

Conclusion

- Dynamic and agile roadmap for Buckeye's ITS future.
- Aligns infrastructure, technology, and agency partnerships.
- Supports evolving transportation needs and emerging technologies.
- To remain effective and relevant, the Plan should be reviewed and updated periodically by the Program Management Office (PMO).

Next Steps

- Revisit plan every 5 to 7 years to account for development and new technologies.
- 30 day public comment period:
  - To close on June 26, 2026
- Council adoption:
  - July 7, 2026




QUESTIONS?
BUCKEYE
ARIZONA
13

CITY OF BUCKEYE
Council Workshop Agenda
COUNCIL ACTION REPORT

MEETING DATE: 06/16/26	**AGENDA ITEM:** 2.B. WR - CAP Update on Colorado River and Introduction to City of Buckeye Water Policies
DATE PREPARED: 06/11/26	**DISTRICT NO.:**
STAFF LIAISON: Terry Lowe, Water Resources Director, tlowe@buckeyeaz.gov, (623) 349-6102	
DEPARTMENT: Water Resources	**AGENDA ITEM TYPE:** Workshop Item

TIME NEEDED: 1 hour

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Colorado River update by Central Arizona Water Conservation District (CAWCD) Board President Terry Goddard and introduction to proposed citywide Water Policies by Water Resources Director Terry Lowe. (Approximate time: 1 hour)

GOALS AND OBJECTIVES FOR THE STRATEGIC PLAN FOCUS AREAS:
Infrastructure

SUMMARY

PROJECT DESCRIPTION:
Central Arizona Water Conservation District (CAWCD) board president, Terry Goddard will provide Council with an update on the current Colorado River conditions, and ongoing negotiations that will help determine how the Colorado River system is managed for decades to come.

The overview of the Water Resources Department's five proposed water policies serve to ratify current practices and ensure future operations and decisions consistently further the city's mission to sustainability. The Water Conservation policy establishes the relationship between itself, the Conservation Code, and the Conservation Plan. The Use of Reclaimed Water formally adopts the city's commitment to maximizing the use and management of the city's reclaimed water. The Water Acquisition and Funding policy establishes best practices for expanding the city's portfolio with a balanced and sustainable budget. The Strategic Water Planning policy affirms the City's commitment to competent water planning and growing smartly. The Water Allocations for Designations of Assured Water Supply policy sets the framework for how water allocations in future designated areas are allocated to the current and future customer bases.

BENEFITS:
Ratifying the city's approaches and commitment to effective water supply management and sustainability

FUTURE ACTION:
Adoption of the Water Policies at a future Council Meeting.

FINANCIAL IMPACT STATEMENT:
None.

CURRENT FISCAL YEAR TOTAL COST:
None.

BUDGETED:
No

FISCAL YEAR:
N/A

FUND/DEPARTMENT:
N/A

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Water Policies 6.16.26 workshop.pdf
CAP Co River Update (Goddard) no notes.pdf

City of Buckeye
Citywide Water Management Policies



Terry Lowe, Water Resources Director

Council Workshop Session

June 16, 2026

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- Purpose of Policies
- Proposed Policies:
  - Strategic Water Planning
  - Use of Reclaimed Water
  - Water Conservation
  - Water Acquisition & Funding
  - Water Allocations for Designations of Assured Water Supply
- Other Communities
- Next Steps

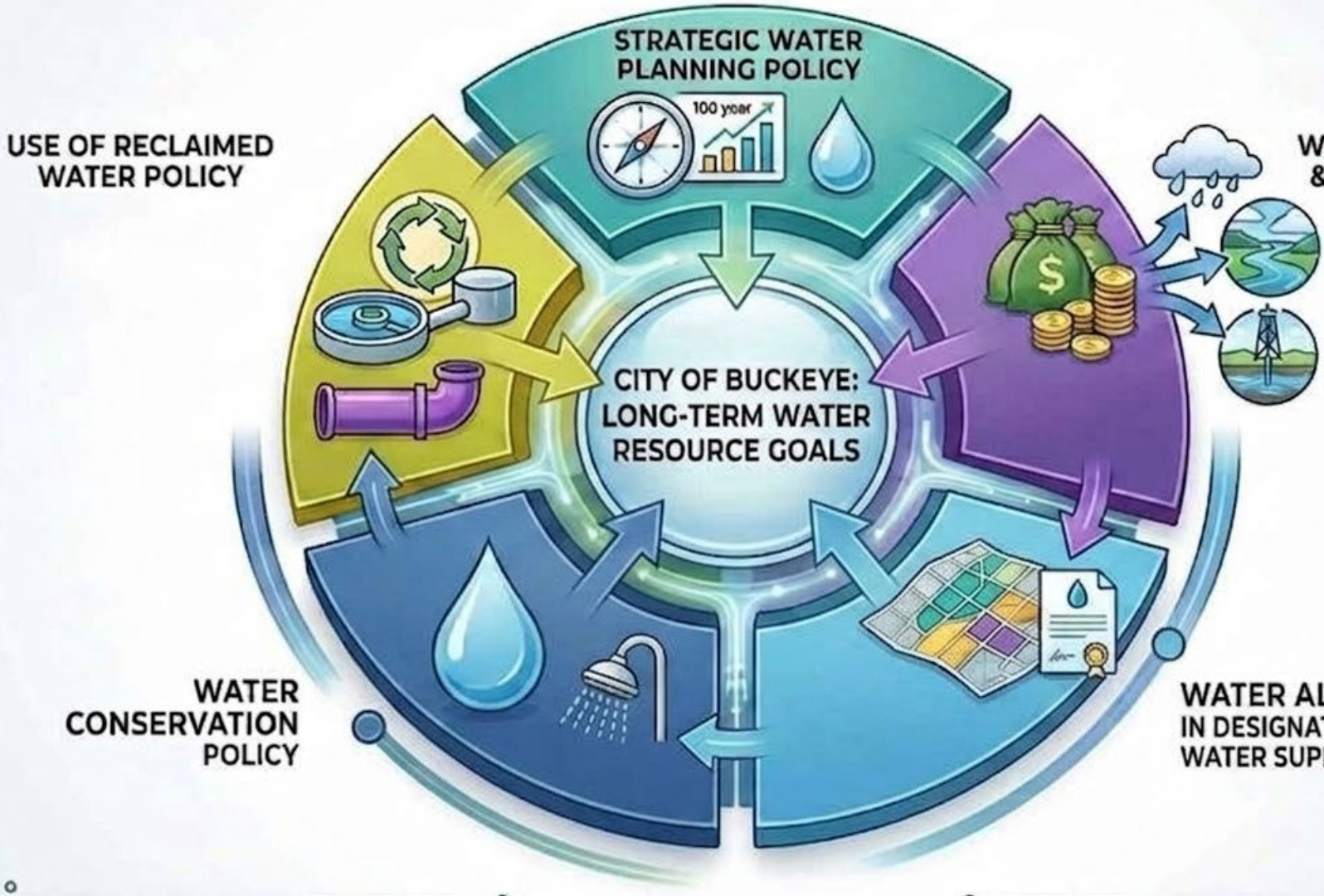


Purpose of Policies



- Memorializes the city's commitment to Sound Water Management Practices
- Establishes framework/direction for staff
- Supports city participation in regional efforts

CITY OF BUCKEYE WATER POLICIES



Providers with Similar Policies

Provider	Adopted	Policy Areas
City of Peoria	2007	"Principles of Sound Water Management:"
City of Surprise	May 19, 2015; amended August 21, 2018	"Water Conservation", "Water Funding", "Water Acquisition", "Use of Reclaimed Water"
City of Flagstaff	April 1, 2014	"Principles of Sound Water Management Water Policies"
City of Goodyear	May 19, 2025	"Water Allocation Policy"
City of Goodyear	May 2018	"Water Conservation Committee: Recommendation Plan Report"
City of Scottsdale	July 20, 2022	"Scottsdale Sustainable Water Management Principles"
City of Tucson	August 2021	"Water Resources Master Plan"

Next Steps

- June – July : → Stakeholder Review
  - ✓ Home Builders
  - ✓ Landowners
  - ✓ Developers
- August : → Incorporate Feedback
- Fall 2026 : → Summary Workshop Session
- Fall 2026 : → Seek Council Adoption

Questions



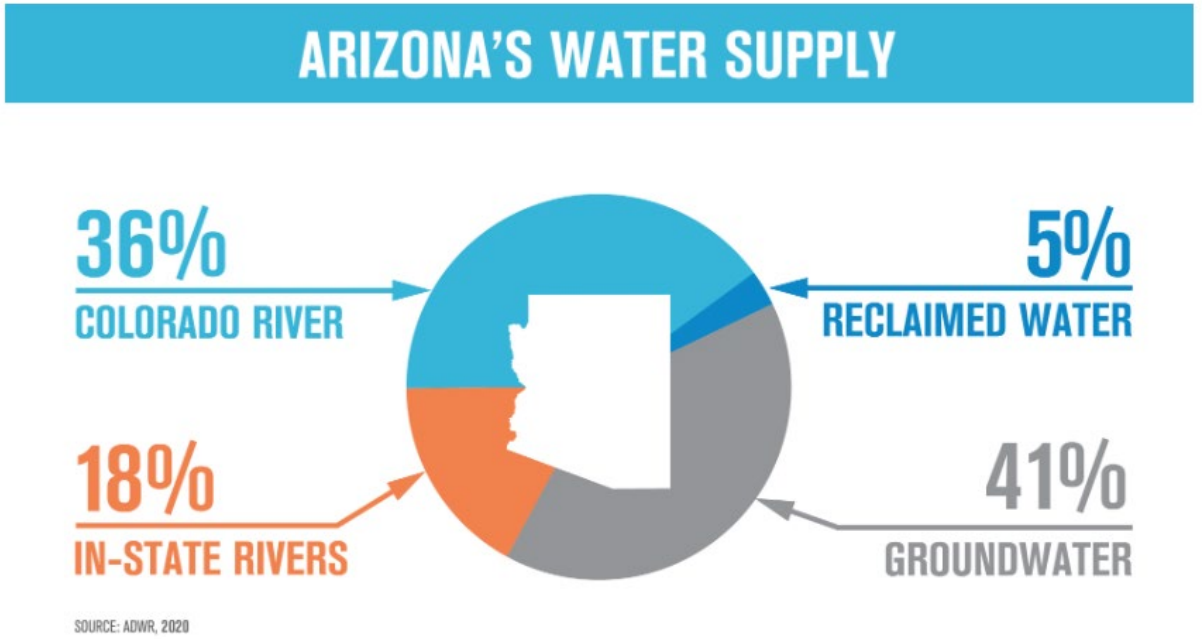
Buckeye City Council

Terry Goddard

CAWCD Board President

Arizona Water Sources





Arizona's Water Use by Sector



SOURCE: ADWR, 2020

Buckeye's Water Supplies

- CAP – In 2025, Buckeye ordered 2,285 acre-feet. This water is recharged with reclaimed water.
- In February of 2023, Buckeye approved a purchase agreement for one acre of land in the Harquahala Valley. The land comes with a water right for 5,925 acre-feet (1.9 billion gallons) of water per year for the next 100 years.
- Buckeye is actively expanding its water portfolio by acquiring additional water rights and exploring other potential sources.



Colorado River Basin

- Supplies water to 40 million people
- Provides water to Denver, Las Vegas, Los Angeles, Phoenix, Salt Lake City, San Diego and Tucson
- Includes 30 Tribes (22 in Arizona)
- Irrigates ~5 million acres of farmland
- Includes large reservoirs that can store up to 60 million acre-feet of water
- Generates clean hydropower for the Western power grid
- Supports National Parks, wildlife refuges, recreation areas and monuments



CAP Service Area

- More than **80% of Arizona's population** (6 million+ people)
- **3 Counties**
  - Maricopa
  - Pinal
  - Pima
- **11 tribal nations**
- CAP supply is allocated by contract:
  - 54% to municipal/industrial
  - 46% to tribes





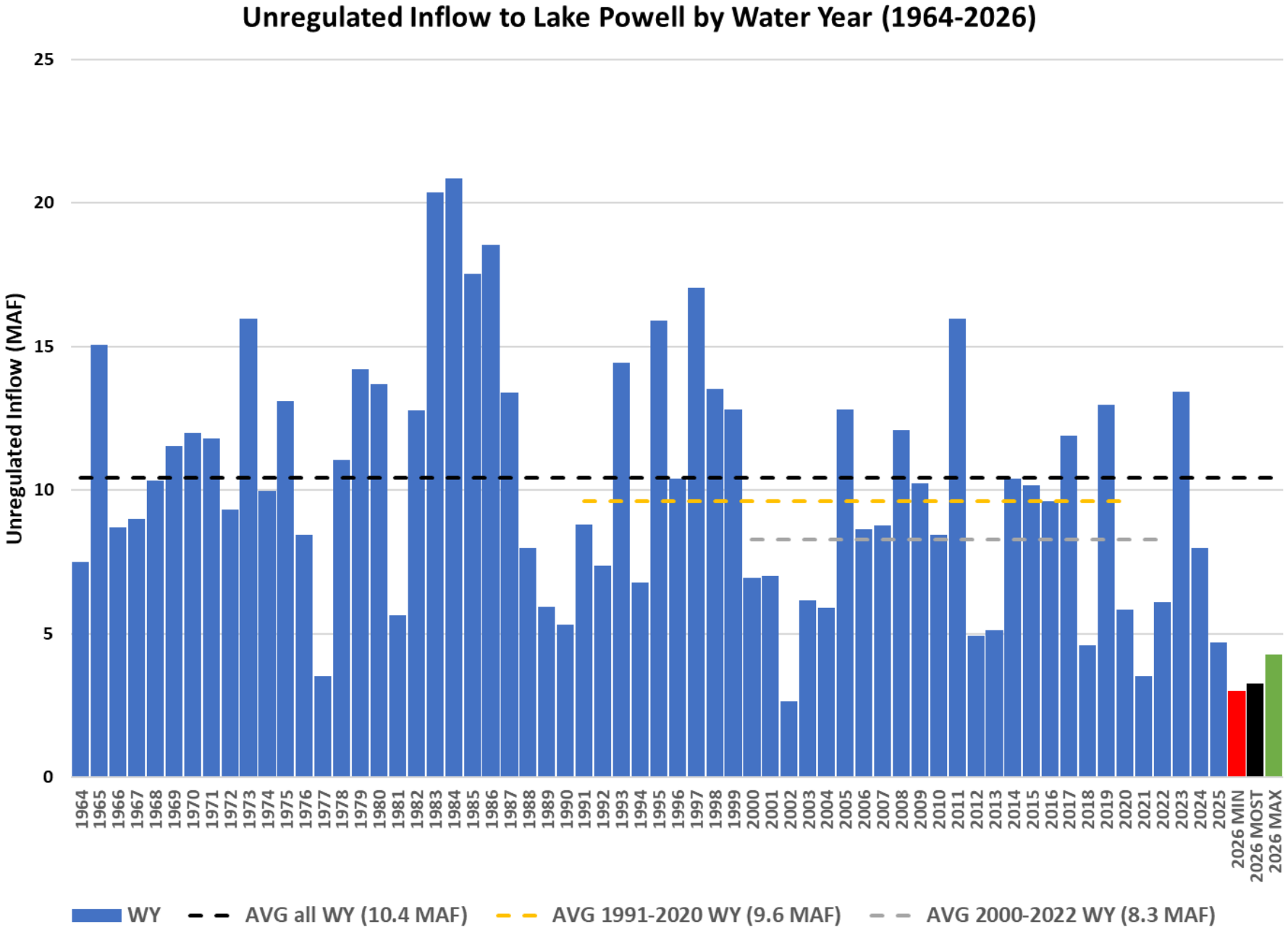
Colorado River: Hydrology and Post-2026 Operations

25 years of Colorado River drought





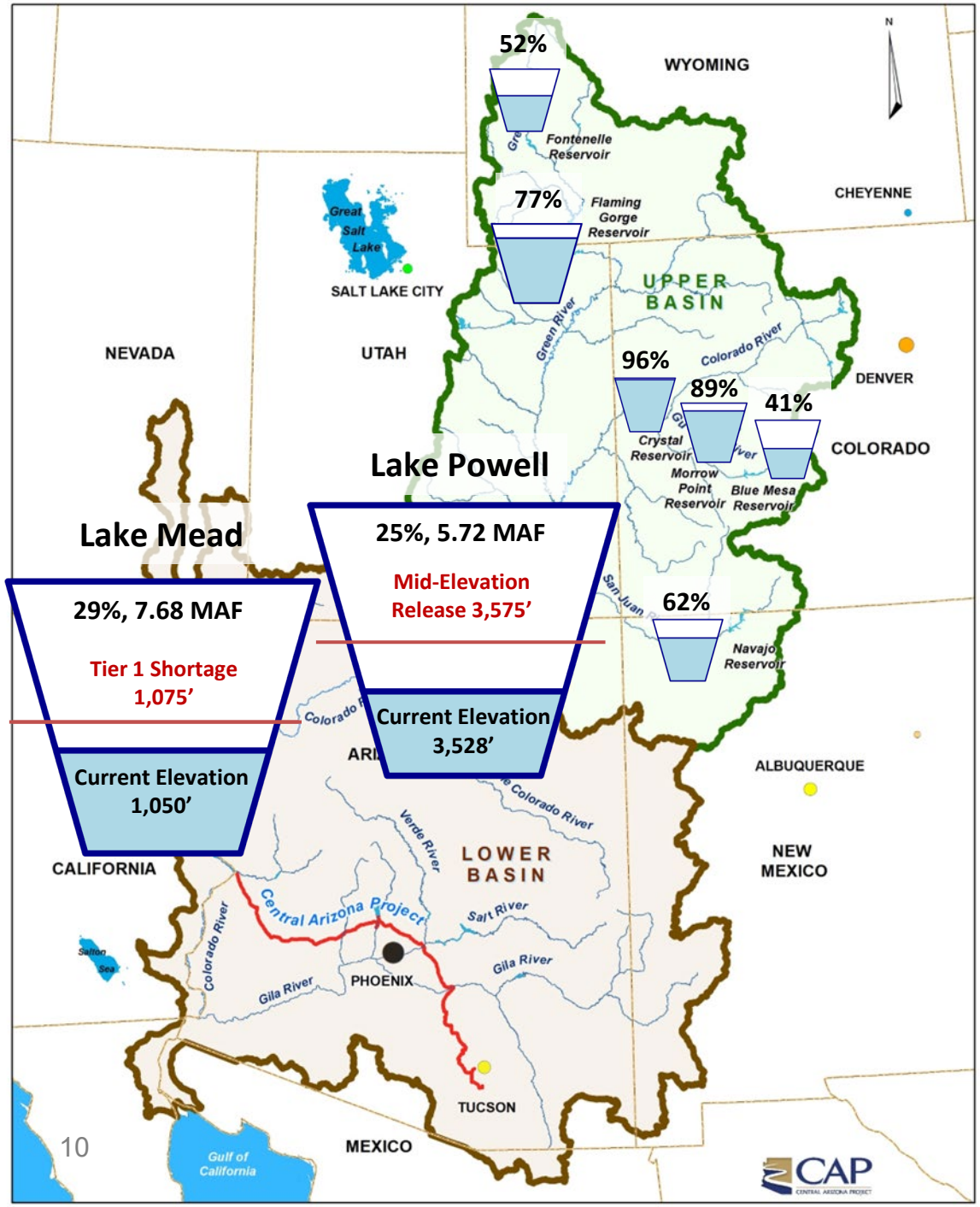
Snowpack vs. Runoff (% of average)		
	Snowpack	**Runoff**
2020	111%	61%
2021	91%	37%
2022	90%	63%
2023	161%	140%
2024	114%	83%
2025	92%	49%



Water Year 2026 Forecast[1]
May Min Prob = 3.01 MAF (31%)
May Most Prob = 3.27 MAF (34%)
May Max Prob = 4.27 MAF (44%)

May 18, 2026 mid-month update
3.27 MAF (34%)
0 KAF change since last forecast

[1]*Water Year statistics are based on the 30-year period of record from 1991-2020, Average 1991-2020 – 9.60 maf*



Colorado River Water Supply Report

System Contents: 20.19 MAF

As of June 1, 2026

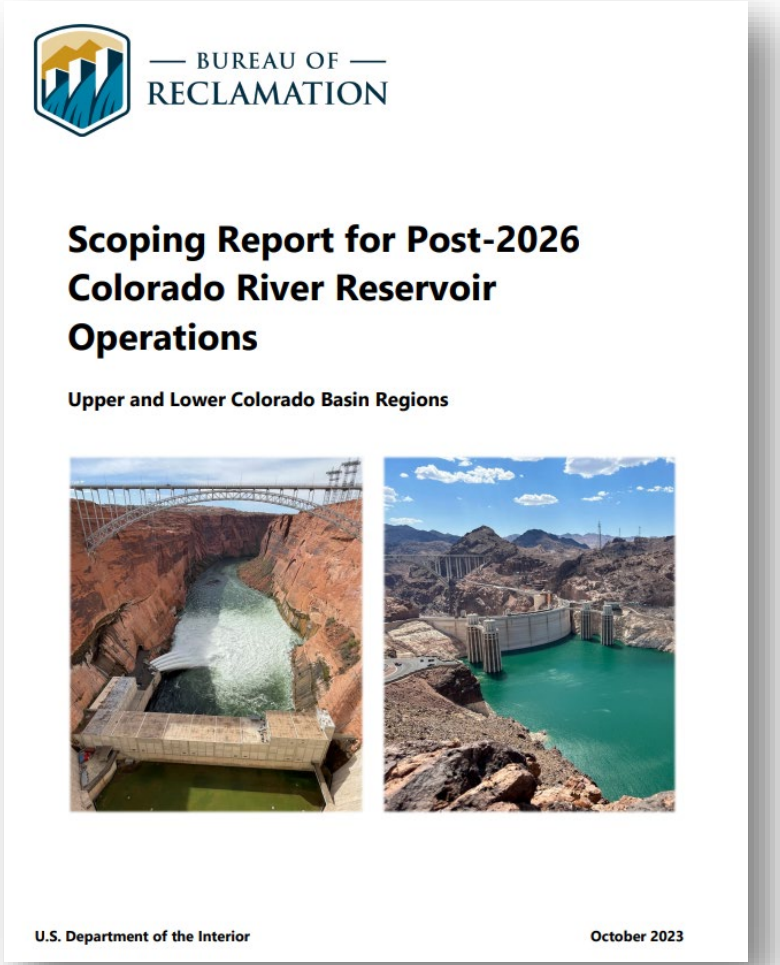
Last Year System Contents: 23.29 MAF

Reservoir Capacities (MAF)			
Reservoir	**Current**	**Change***	**Maximum**
Lake Mead	7.68	- 0.41	26.12
Lake Powell	5.72	+ 0.10	23.31
Flaming Gorge Reservoir	2.83	- 0.14	3.67
Fontenelle Reservoir	0.17	+ 0.02	0.33
Navajo Reservoir	1.02	-0.01	1.65
Blue Mesa Reservoir	0.34	-0.01	0.82
Morrow Point Reservoir	0.10	-0.01	0.12
Crystal Reservoir	0.02	0.00	0.02

* Change from previous month

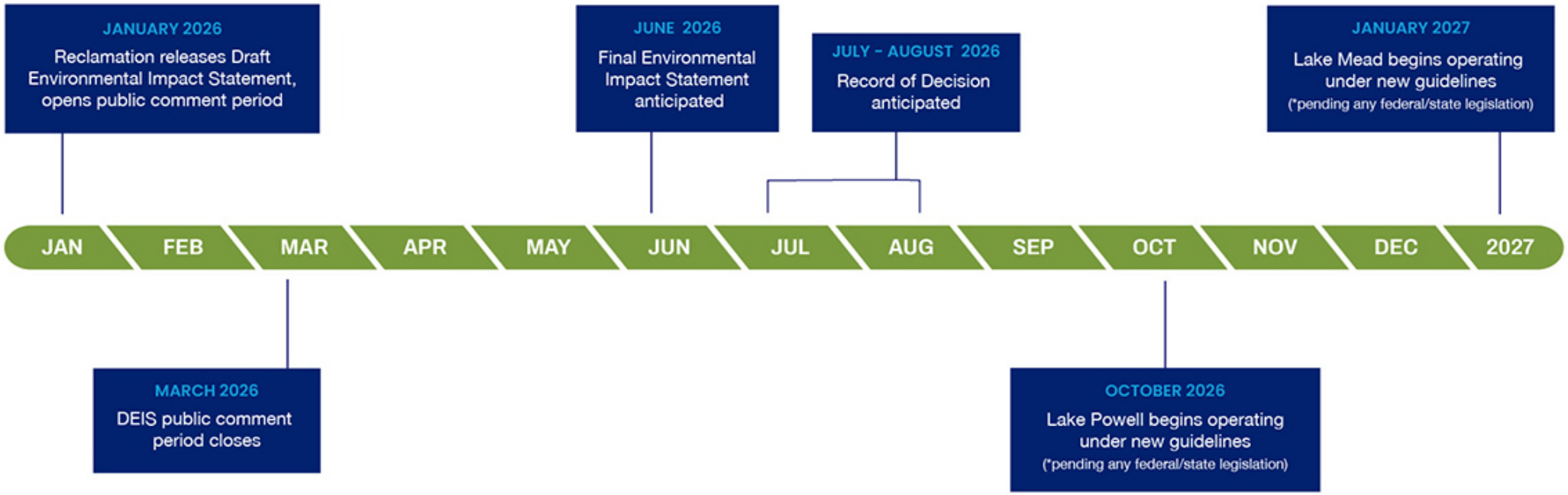
Post-2026 Colorado River Operations

- The Guidelines that govern the operation of Lake Powell and Lake Mead expire at the end of 2026.
- Bureau of Reclamation initiated a National Environmental Policy Act process in June 2023
- The Lower Basin states agree that future operations should:
  - Improve Colorado River reliability over a broad range of future conditions
  - Share the risks and benefits of the system within and between the basins
  - Improve predictability of reductions to stabilize Lake Mead
- Additional work with stakeholders, water users, and Upper Basin interests is needed to reach consensus – and deadlines are looming!




BENSON 10/21
AZ MIRROR
THE MIDGET MIGHTY COLORADO
OUT OF ORDER

Post-2026 Timeline



Lower Division States' Proposal Elements

The proposal is an integrated, non-severable package that encompasses:

- Lower Basin Reductions
- Intentionally Created Surplus (ICS)
- Establishment of a Tribal Pool
- Additional Lower Basin Conservation
- Lake Powell Releases
- Upper Initial Unit (UIU) Operations
- Infrastructure improvements, including to Glen Canyon Dam, as well as development of system projects

Lower Basin Reductions

- Lower Basin reductions of 1.25 million acre-feet annually, allocated:
  - Arizona: 760 KAFY
  - California: 440 KAFY
  - Nevada: 50 KAFY
- Contributions may be reflected through reduced water orders or applying ICS subject to limitations
- Prpovided: If most probable projection of any 24-MS shows Lake Mead < 1,010', Reclamation will consult with the Lower Division States for additional actions required to protect elevation 975' (Deadpool)

Summary of Lower Basin proposal

- Reclamation encouraged the Lower Division States to find a consensus proposal and provided constructive input to avoid fatal flaws
- Lower Division States continue to work with Reclamation to refine elements of the proposal, including:
  - Powell-Mead Releases
  - Intentionally Created Surplus
  - UIU Releases
- **The Proposal preserves Lower Division States' ability to enforce legal rights, including Compact requirements.**

Preliminary Preferred Alternative Summary

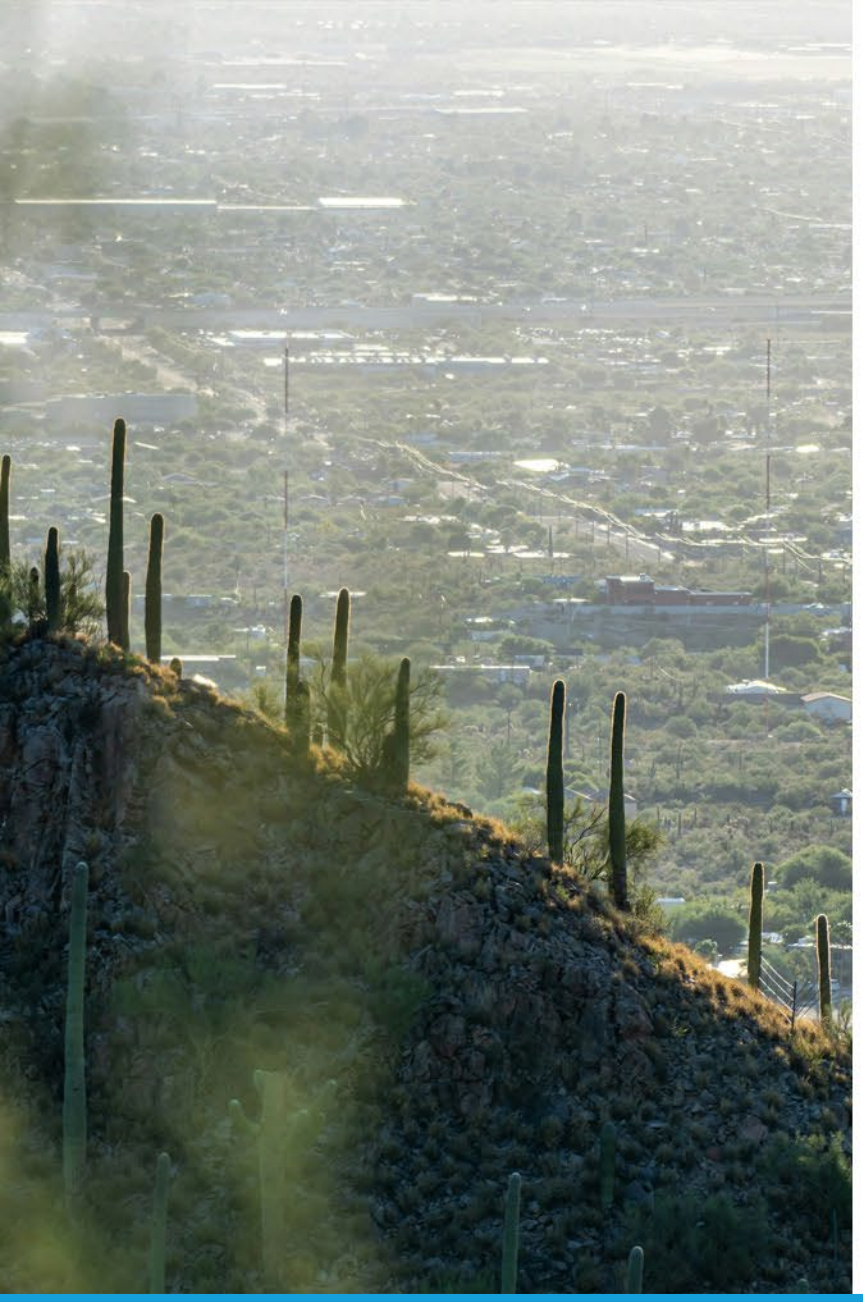
- Since Upper and Lower Basin States have not reached consensus on future operating guidelines at this time
- Reclamation is considering a 10-year framework with new operational guidelines every 2 years
  - Implemented under existing law or consensus agreement(s)
- The Guidelines would be subject to sideboards and principles within the range of alternatives analyzed in the forthcoming EIS:
  - Powell- Mead release ranging from 5-12 MAF/Year
  - Lower Basin reductions (US only) – Up to 3 MAF per year
  - Maximum use of UIU release within their respective RODs
  - Powell storage: 3 MAF, Mead storage: 8 MAF

Arizona Conclusions

- In the past 12 years the Lower Basin has saved over 8.5 MAF to protect Lakes Mead and Powell
- The Lower Division States' Proposal:
  - Continues the creative, active collaboration among Arizona, California, and Nevada toward protecting the Colorado River System
  - Defines operations for the next two years
  - Meets the Purpose and Need of the proposed action
- Collective actions of the Lower Division States provide robust protection against deeper cuts but do not guarantee that additional actions won't be necessary



What's next?



Coalition for Protecting Arizona's Lifeline

Mayors from across Arizona have come together to form the Coalition for Protecting Arizona's Lifeline -- **advocating and uniting** Arizona in support of the Colorado River and Central Arizona Project's role in water delivery.

- Every Mayor in CAP's three-county service area is participating
- Nine business coalitions have signed on thus far
- Several tribes have also joined

Long-Term Solutions and Partnerships

- **Negotiations** – Maintaining fair share of Colorado River supply
- **Augmentation** – Finding new water supplies
- **Conservation Efficiency** – Helping users with conservation efforts
- **Reuse** – Supporting studies about recycled water
- **Recovery** – Recovering water stored underground



Arizona's Water Use by Sector



SOURCE: ADWR, 2020

Stay Informed!

- Visit and subscribe to CAP's news site – KnowYourWaterNews.com

- Enroll in CAP University (visit CentralArizonaProject.com and search for upcoming dates)





THANK YOU !



CAP
CENTRAL ARIZONA PROJECT

Operation of the Upper Initial Units (UIUs) of the Colorado River Storage Project Act

- Reclamation should initiate the process early enough to begin UIU releases above baseline in early March, beginning in 2027, dependent upon Lake Powell projected elevations
- If Lake Powell projected to fall below 3,515’ in the minimum 24-MS, UIU releases at least 600 KAF above baseline
- Releases above baseline from UIUs shall be system water and shall not be considered operationally neutral for determining operations of Lake Powell
- Recovery of UIU volumes should not occur until the release from Lake Powell is at least 8.23 MAF (i.e., Lake Powell elevation is at least 3,565’)

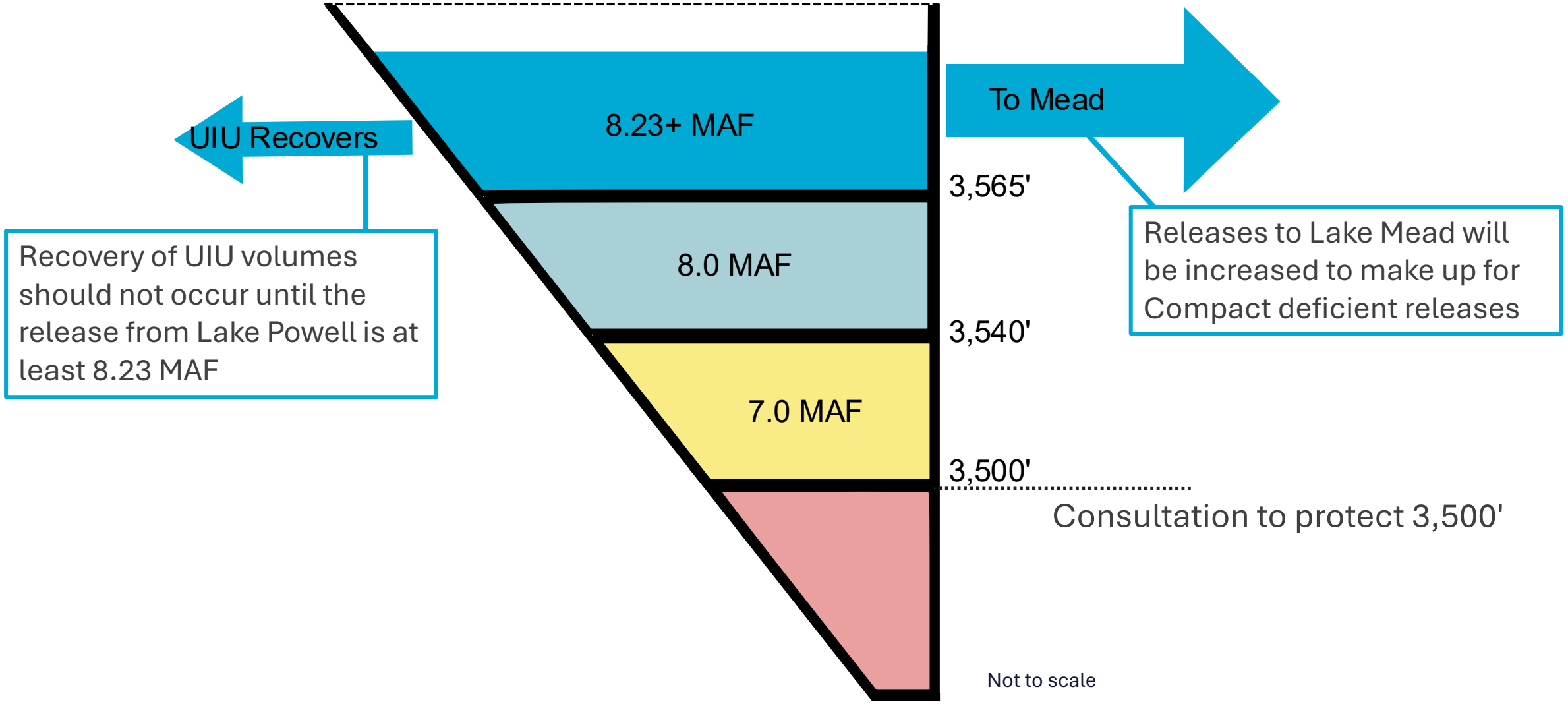
Tribal Pool

- Establish a new conservation pool in Lake Mead to ensure the federal government can meet trust commitments to Indian Tribes in Arizona
- Tribal Pool will be a federal responsibility
- Arizona tribe(s) will contribute water to the Tribal Pool
- No Lower Division State contribution to the Tribal Pool
- Some existing ICS from the Federal section of the Arizona ICS account will be transferred to the Tribal Pool
- Anticipate the contributions to the pool will be ~280 KAF through 2028
- Tribal Pool will be accounted for within the ICS limitations for Arizona and will *not* be operationally neutral

Lower Basin Conservation

- Lower Division States intend to work to exceed the minimum, if possible, to target a cumulative contribution of at least 1 MAF
- Lower Division States' contributions are contingent on the deployment of Federal funding
- $354M anticipated from the US toward system conservation water
  - Cost share between Federal government and Lower Basin
    - Potentially contributed water at no cost
    - Discounted prices from IRA Bucket 1 Agreements
- Reclamation will account for all additional system conservation separately in its Decree Accounting Report and will apply annual evaporation losses of 3% to the total volume

Proposed Powell Operations



COALITION FOR
PROTECTING
ARIZONA'S
LIFELINE





Join Our Efforts

Your voice matters.

- By joining the coalition, you're helping protect Arizona's future, national defense efforts, environment, and strong business climate.
- We invite you to sign our pledge of support to be part of this effort to protect our water supplies.
- Visit www.ProtectingArizonasLifeline.org.

SCAN ME!

CAP Water Education Center

- New accessible space to be built on the CAP Headquarters campus to offer visitor experiences that explore CAP's:
  - **History**
  - **Operations**
  - **Impact on Arizona**
- Groundbreaking: May 2025
- Will open in 2027







