



CAP System Update

Marcus Shapiro
Water Systems Supervisor
March 23, 2022

YOUR WATER. YOUR FUTURE.

Arizona Contributions

- Arizona 2021 DCP

Contribution included 11,392 AF deficiency from the 2020 192 kaf requirement

- Approved 500+ Plan programs to date are shown in red

- 2021 activities implemented after the June 2021 baseline period are included

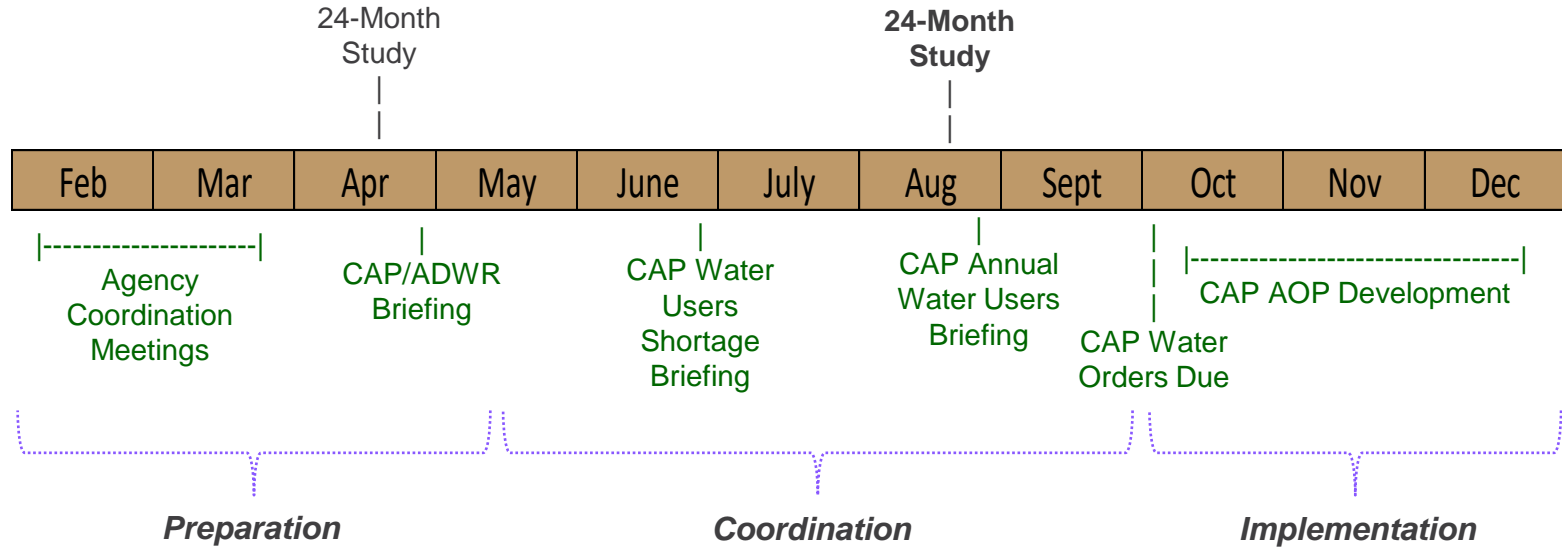
- Other programs take place outside of Arizona

- Additional programs are currently being developed

Arizona Lake Mead Contribution Volumes DCP Implementation & Related Actions		ICS	2019 (ac-ft)	2020 Tier 0 (ac-ft)	2021 Tier 0 (ac-ft)	2022 Tier 1 (ac-ft)
Arizona LBDCP (Tier 0 and 1: 192k ac-ft)	CAWCD EC ICS Creation	EC ICS	24,283	44,310		
	CAWCD Compensated Conservation	EC ICS		3,124		
	CAWCD DCP ICS Creation	DCP ICS			51,097	103,165
	CAWCD Reductions		119,942	133,174	152,295	88,835
	LBDCP Total		144,225	180,608	203,392	192,000
CAWCD Voluntary Conservation	CAWCD EC ICS Creation	EC ICS			3,500	
	CAWCD Total				206,892	192,000
Arizona DCP Mitigation Offset (400k ac-ft total)	GRIC - Reclamation	EC ICS	100,000			
	GRIC - AWBA	EC ICS	17,000	33,000		
	GRIC	EC ICS		50,000	40,000	
	CRIT System Conservation			50,000	50,000	50,000
	Offset Total		117,000	133,000	90,000	50,000
Reclamation DCP	FMYN System Conservation			10,000	13,933	13,933
	MVIDD System Conservation			6,137	6,925	9,500
	GRIC System Conservation				40,000	51,000
	CRIT System Conservation				4,685	4,685
	242 Wellfield Expansion				8,576	25,000
	Reclamation Total		0	16,137	74,119	104,118
Additional Arizona ICS Creation	CRIT	EC ICS	6,274	3,736		
	GRIC	EC ICS				78,565
	Additional ICS Total		6,274	3,736	0	78,565
Pilot System Conservation Program (PSCP)	Bullhead City		306	349	360	400
	CRIT		26,805			
	FMYN		13,683			
	PSCP Total		40,794	349	360	400
Total Arizona Lake Mead Contributions			308,293	333,830	371,371	425,083

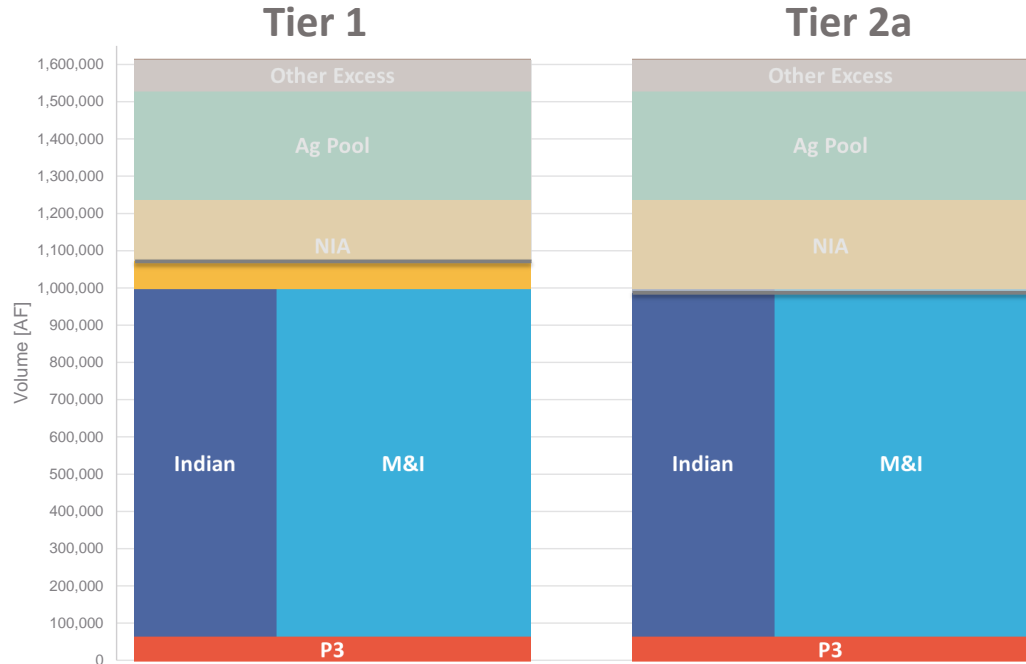
Programs that are part of the 500+ Plan

Preparation Calendar



Estimated Pre-Mitigation Shortage Impact

- Current projections indicate the likelihood of either Tier 1 or Tier 2a in 2023
 - 1075' <= Tier 1 > 1050'
 - 1050' <= Tier 2a > 1045'
- Shortage volume increases by 80 KAF from Tier 1 to 2a
 - 512 KAF vs. 592 KAF



Mitigation Commitments

	2020	2021	2022	2023	2024	2025	2026
Ag Pool Parties	<div style="background-color: #4CAF50; color: white; padding: 10px; text-align: center;"> 105 KAF - Tier 1 70 KAF - Tiers 2a/2b GW 16.5K </div>			No CAP Wet Water Mitigation			
				Groundwater Infrastructure Program 70 KAF / Yr			
NIA Contractors & Subcontractors	<div style="background-color: #FFC107; padding: 10px; text-align: center;"> 100% Tiers 1/2a/2b </div>			75%* - Tiers 1/2a		No Mitigation 2026 or Tier 3	
				50%* - Tier 2b			

Mitigation Resources

- Anticipated Mitigation Resources in 2023
 - Firming for GRIC (up to 15 KAF of NIA priority by AWBA)
 - Firming for Tohono O'odham (up to 28.2 KAF of NIA by USBR)
 - SRP Exchange (10 KAF)
 - Lake Pleasant operational supply (5 KAF)
 - Compensated Mitigation (TBD)
 - CAWCD ICS (TBD)
- 500+ will further increase compensated conservation