

2024 AWBA Plan of Operation

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AWBA Quarterly Meeting
December 5, 2023

2024 Plan of Operation

Credit Development

- No Excess CAP water available to AWBA
- Goals achieved through other means
 - Long-term Storage Credit (LTSC) purchases
 - Intentionally Created Surplus (ICS) Firming Credits



Funding for 2024 Plan of Operation

Funding Source	Estimated Funds Available		Estimated Funds Utilized		Estimated Credits (AF)	
	AWBA	CAWCD	AWBA	CAWCD	Water Storage	Developed Credits
Withdrawal Fees						
Phoenix AMA ¹	\$ 1,728,924		\$ 1,728,924		0	5,638
Tucson AMA ²	\$ 764,006		\$ 764,006		0	2,122
Water Storage Tax³						
Phoenix AMA ⁴		\$ 3,332,033		\$ 3,332,033	0	9,281
Pinal AMA					0	0
Tucson AMA ²		\$ 7,822,128		\$ 7,822,128	0	21,728
Total	\$ 13,647,091		\$ 13,647,091		0	38,769

¹ Funds used to develop ICS Firming Credits at \$276/AF pursuant to AWBA's 2019 IGA with the Community. Developed credits include a 10% loss factor.

² The purchase rate of \$360 per LTSC is based on Tier 3 CAP water rate for 2024.

³ Carryover from funds reserved by the CAWCD Board of Directors for AWBA LTSC purchases in 2021 and 2022.

⁴ The purchase rate of \$359 per LTSC is based on Tier 3 CAP water rate for 2024.

Distribution of Credits

Firming for 2024

- Tier 1 Shortage condition
- Tribal firming obligation for the Gila River Indian Community (Community): 6,170 AF
 - Firming Proposal for the Community - Tier 1 Shortage in 2024:

Firming Credits Developed (AF)		Firming Credits Utilized (AF)			Remaining Balance (AF)
Year	Firming Credits Developed	CY 2022	CY 2023	CY 2024	Through CY 2024
2015	16,000	6,429	9,571		0
2016	12,000		5,004	6,170	826
2017	7,000				7,000
2018	9,000				9,000
TOTAL	44,000	6,429	14,575	6,170	16,826

- No firming for CAP M&I or on-River (sub)contractors

No request for Intentionally Created Unused Apportionment

Estimated Firming Volumes thru 2024

Objective and Location	Estimated Credits Available as of Dec 31, 2023 ¹	Estimated Credits Used in 2024	Estimated Credits Remaining as of Dec 31, 2024
	Acre-feet		
CAP M&I Firming (4-cent tax)	2,329,457	0	2,329,457
Phoenix AMA	1,582,453	0	1,582,453
Pinal AMA	234,791	0	234,791
Tucson AMA	512,213	0	512,213
On-River M&I Firming (gen. fund)	403,830	0	403,830
Tribal Settlement Obligations: ²	162,176	6,170	156,006
Community - 15,000 AFY	162,176	6,170	156,006
LTSCs	105,390	0	105,390
Firming Credits	22,996	6,170	16,826
ICS Firming Credits	33,790	0	33,790
WMAT - 3,750 AFY	0	0	0
Hualapai - 557.5 AFY	0	0	0
Future Settlements- 4416.5 AFY	0	0	0
Federal Assistance (SAWRSA)	34,102	0	34,102
Groundwater Mgmt. ³ (W/Fees)	777,591	0	777,591
Phoenix AMA	251,411	38,475	212,936
Pinal AMA ⁴	417,706	-43,225	460,931
Tucson AMA	108,474	4,750	103,724
Shortage Reparations ⁵	109,489	0	109,489
Phoenix AMA	20,642	0	20,642
Pinal AMA	60,507	0	60,507
Tucson AMA	28,340	0	28,340
Pinal Redirect Credits ⁶	14,125	0	14,125
Interstate - SNWA	613,846	0	613,846

¹ Includes all credits accrued and utilized through 2023

² The White Mountain Apache Tribe Water Rights Quantification Act enforceability date is December 30, 2027. The Hualapai Tribe settlement enforceability date is April 15, 2029.

³ Withdrawal Fee LTSCs may be used for CAP M&I firming and/or Tribal settlement obligations if needed.

⁴ Up to 43,225 LTSCs could be credited to the AWBA's account in the Pinal AMA, pursuant to the Lower Basin Drought Contingency Plan ("LBDCP") Implementation Plan: Agreement to Exchange Long-Term Storage Credits between AWBA and the City of Avondale; City of Chandler; City of Goodyear; City of Peoria; City of Phoenix; City of Scottsdale; City of Tucson; Freeport Minerals Corporation; and EPCOR Water Arizona Inc.

⁵ LTSCs accrued pursuant to Arizona-Nevada Shortage-Sharing Agreement executed in 2007.

⁶ Credits accrued from water provided to Pinal AMA GSFs at full cost to the GSF operators.

Public Comments

Preliminary Plan presentation at the Groundwater Users Advisory Council Meetings in September

- Support for the 2024 Plan
- Questions included:
 - Past LTSC purchases in the Tucson AMA
 - Future LTSC purchases

Draft Plan distribution to interagency staff, stakeholders and the Community for review

Questions?

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