

Agenda Item No. 4

2022 AWBA Plan of Operation



**AWBA Quarterly Meeting
December 1, 2021**

Virginia O'Connell



2022 Plan of Operation

- **Tier 1 Shortage Condition**
- **No Excess CAP water available to AWBA**
- **Goals achieved through other means**
 - Long-term Storage Credit purchases
 - Intentionally Created Surplus Firming Credits
- **AWBA Tribal firming requirement**



2022 Water and Facility Rates

Recharge Rates	Cost / Acre-foot
CAWCD delivery rate for AWBA	\$242.00
Groundwater Savings Facility operator cost share rate ¹	
Phoenix and Pinal AMAs	\$34.00
Tucson AMA	\$16.00
Underground Storage Facility rate paid by AWBA	
CAWCD – Phoenix Facilities	\$13.00
CAWCD – Tucson Facilities	\$15.00
Tucson Water - Clearwater Facilities	\$19.78

¹ This rate is paid directly to CAP by the GSF operators and is not available as revenue to the AWBA



Funding for 2022 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	\$866,600	-	\$866,400	-	0	2,980
Tucson AMA	\$396,000	-	\$396,000	-	0	1,450
Water Storage Tax						
Phoenix AMA	\$0	\$4,000,000	\$0	\$4,000,000	0	14,740
Pinal AMA	\$0	\$0	\$0	\$0	0	0
Tucson AMA	\$0	\$3,000,000	\$0	\$3,000,000	0	10,970
	Total Funds Available		Total Funds Expended		Total Credits	
	\$8,262,600		\$8,262,400		0	30,140

Uses of Credits and Estimated Firming Volumes thru 2022

Objective and Location	Credits Available ¹	Estimated Credits Used	Estimated Credits Remaining	Estimated Firming Volumes Needed ²
	Acre-feet			
CAP M&I Firming (4-cent tax)				
Phoenix AMA	1,572,092	0	1,572,092	1,885,000 – 2,985,000
Pinal AMA	233,797	0	233,797	293,000 – 463,000
Tucson AMA	510,131	0	510,131	1,040,000 – 1,647,000
On-River M&I Firming (gen. fund)	403,830	0	403,830	221,000 – 359,000
Tribal Settlement Obligations:³				
GRIC - 15,000 AFY	173,170	6,429	166,741	456,000 – 577,000
LTSCs	105,390	0	105,390	
Firming Credits	44,000	6,429	37,571	
ICS Firming Credits	23,780	0	23,780	
WMAT - 3,750 AFY	0	0	0	112,000 – 142,000
Hualapai - 557.5 AFY	0	0	0	17,000 – 21,000
Future Settlements- 4416.5 AFY	0	0	0	261,000 – 330,000
Federal Assistance (SAWRSA)	34,102	0	34,102	N/A
Groundwater Mgmt⁴ (W/Fees)				
Phoenix AMA	251,411	0	251,411	N/A
Pinal AMA	417,670	0	417,670	
Tucson AMA	107,148	0	107,148	

¹ Credits accrued or acquired through 2021.

² Based on modeling results identified in the AWBA 2020 Annual Report.

³ WMAT enforceability date is April 30 2023; Hualapai firming subject to congressional approval.

⁴ Withdrawal Fee LTSCs may be used for CAP M&I firming and/or Tribal settlement obligations if needed.

Public Comments

- **Preliminary Plan Presented at Groundwater Users Advisory Council Meetings in September**
- **General Support for 2022 Plan**
- **Questions/Comments included:**
 - **AWBA's ability to acquire LTSCs in a tightening market**
 - **If ICS Firming Credits will be used to firm the Gila River Indian Community (Community)**
- **Draft Plan distributed to interagency staff, stakeholders and the Community for review**
 - **No additional comments**





Questions?

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