

# Agenda Item No. 4

## 2022 Preliminary AWBA Plan of Operation



**AWBA Quarterly Meeting  
September 15, 2021**

**Virginia O'Connell**



# 2022 Preliminary 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 <sup>1</sup>	
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

<sup>1</sup> 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
<b>Withdrawal Fees</b>						
Phoenix AMA	\$866,600	-	\$866,400	-	0	2,980
Tucson AMA	\$396,000	-	\$396,000	-	0	1,450
<b>Water Storage Tax</b>						
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
	<b>Total Funds Available</b>		<b>Total Funds Expended</b>		<b>Total Credits</b>	
	<b>\$8,262,600</b>		<b>\$8,262,400</b>		<b>0</b>	<b>30,140</b>

# Estimated Credits and Firming Volumes thru 2022

Objective and Location	Credits Available <sup>1</sup>	Estimated Credits Distributed or Extinguished	Estimated Credits Remaining	Estimated Firming Volumes <sup>2</sup>
<b>CAP M&amp;I Firming</b>				
Phoenix AMA	1,572,092	0	1,572,092	1,885,000 – 2,985,000
Pinal AMA	233,740	0	233,740	293,000 – 463,000
Tucson AMA	509,278	0	509,278	1,040,000 – 1,647,000
<b>On-River M&amp;I Firming</b>	403,830	0	403,830	221,000 – 359,000
<b>Tribal Settlement Obligations:</b>				
Gila River Indian Community	<b>176,151</b>	<b>8,112</b>	<b>168,039</b>	456,000 – 577,000
LTSCs	105,390	0	105,390	
Firming Credits	44,000	8,112	35,888	
ICS Firming Credits	26,761	0	26,761	
Future Settlements	<b>0</b>	<b>0</b>	<b>0</b>	261,000 – 330,000
Federal Assistance (SAWRSA)	<b>34,102</b>	<b>0</b>	<b>34,102</b>	N/A
<b>Groundwater Management<sup>3</sup></b>				
Phoenix AMA	251,411	0	251,411	N/A
Pinal AMA	417,453	0	417,453	
Tucson AMA	112,769	0	112,769	
<b>Shortage Reparations</b>	109,489	0	109,489	N/A
<b>Pinal Redirect Credits</b>	14,125	0	14,125	N/A

<sup>1</sup> Actuals through September 2021; October through December estimated.

<sup>2</sup> Based on modeling results identified in the AWBA 2020 Annual Report.

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





# Questions?

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