

Preliminary 2018 Plan of Operation

Table 3
Water Delivery Schedule (Acre-Feet)
Calendar Year 2018

AWBA-Storage Sites		Permitted Capacity (AF)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
PHOENIX AMA :															
USF	AGUA FRIA	100,000	0	0	0	0	0	0	0	0	500	500	500	500	2,000
	AGUA FRIA - Interstate		0	0	0	0	0	0	0	0	650	650	650	627	2,577
	GRUSP	93,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	HIEROGLYPHIC MTN	35,000	0	0	0	0	0	0	0	0	0	0	0	1,100	1,100
	SUPERSTITION MTNS	35,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal														5,677
GSF	NEW MAGMA	54,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	NEW MAGMA - Interstate		0	0	0	0	0	0	0	1,000	1,000	1,000	0	0	3,000
	QUEEN CREEK	28,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	QUEEN CREEK - Interstate		0	0	0	0	0	0	0	1,230	1,500	500	500	193	3,923
	Subtotal														6,923
	TOTAL INTRASTATE		0	0	0	0	0	0	0	0	500	500	500	1,600	3,100
	TOTAL INTERSTATE		0	0	0	0	0	0	0	2,230	3,150	2,150	1,150	820	9,500
AMA TOTAL			0	0	0	0	0	0	0	2,230	3,650	2,650	1,650	2,420	12,600
PINAL AMA :															
GSF	CAIDD	110,000	0	0	0	0	0	0	0	2,700	0	0	0	0	2,700
	HOHOKAM	55,000	0	0	0	0	0	2,700	0	0	0	0	0	0	2,700
	MSIDD	120,000	0	310	510	410	540	310	210	210	200	0	0	0	2,700
	Subtotal														8,100
AMA TOTAL			0	310	510	410	540	3,010	210	2,910	200	0	0	0	8,100
TUCSON AMA:															
USF	AVRA VALLEY	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	LOWER SANTA CRUZ	50,000	0	0	0	0	0	0	0	0	0	0	0	1,300	1,300
	PIMA MINE ROAD	30,000	0	0	0	0	0	0	0	0	0	0	0	500	500
	PIMA MINE ROAD - INT.		0	0	0	0	0	500	500	500	500	0	0	0	2,000
	SAVSARP	60,000	0	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal														3,800
GSF	CORTARO-MARANA ID	20,000	0	0	0	0	0	0	1,000	0	0	0	0	0	1,000
	CMID - Interstate		0	0	0	0	0	0	0	1,000	500	0	0	0	1,500
	KAI FARMS (Red Rock)	11,231	0	0	0	0	0	0	0	0	0	0	0	0	0
	KAI FARMS - Interstate		0	0	0	0	0	0	0	500	0	0	0	0	500
	BKW Farms	14,316	0	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal														3,000
	TOTAL INTRASTATE		0	0	0	0	0	0	1,000	0	0	0	0	1,800	2,800
	TOTAL INTERSTATE		0	0	0	0	0	500	500	2,000	1,000	0	0	0	4,000
AMA TOTAL			0	0	0	0	0	500	1,500	2,000	1,000	0	0	1,800	6,800
TOTAL INTRASTATE															
			0	310	510	410	540	3,010	1,210	2,910	700	500	500	3,400	14,000
TOTAL INTERSTATE															
			0	0	0	0	0	500	500	4,230	4,150	2,150	1,150	820	13,500
TOTAL RECHARGE															
			0	310	510	410	540	3,510	1,710	7,140	4,850	2,650	1,650	4,220	27,500

Table 4. 2018 Water and Facility Rates

Recharge Rates	Cost per Acre-foot
CAWCD delivery rate for AWBA	\$205.00
CAWCD Interstate delivery rate ¹	\$255.00
Groundwater Savings Facility operator cost share rate ²	
Phoenix and Pinal AMAs	\$34.00
Tucson AMA	\$16.00
Interstate	
Phoenix and Pinal AMAs	\$30.00
Tucson AMA	\$16.00
Underground Storage Facility rate paid by AWBA	
CAWCD – Phoenix Facilities ³	\$13.00
CAWCD – Tucson Facilities ⁴	\$15.00
Avra Valley Recharge Project	\$17.39
Clearwater Facility (CAVSARP/SAVSARP)	\$17.58
Granite Reef Underground Storage Project	\$15.00

¹ Includes an estimated in lieu tax equivalency rate of \$50/AF for entities outside the CAP service area

² This rate is paid directly to CAP by the GSF operators and is not available as revenue to the AWBA

³ Additional capital charge of \$15/AF for interstate storage

⁴ Additional capital charge of \$9/AF for interstate storage

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Table 5. Funding for 2018 Annual Plan of Operation

Funding Source	Estimated Funds Available		Estimated Funds Utilized		Estimated Credits (AF)	
	AWBA	CAWCD ¹	AWBA	CAWCD	Water Storage	Developed Credits ²
Withdrawal Fees						
Phoenix AMA ³	\$1,790,000	-	\$1,790,000	-	740	9,000
Pinal AMA	\$961,000	-	\$961,000	-	5,230	0
Tucson AMA	\$274,000	-	\$274,000	-	1,220	0
Four Cent Tax						
Phoenix AMA ⁴	\$0	\$7,500,000	\$0	\$7,500,000	2,140	30,820
Pinal AMA	\$0	\$435,000	\$0	\$423,870	2,310	0
Tucson AMA ⁵	\$0	\$1,500,000	\$0	\$1,500,000	1,390	5,000
General Fund	\$0					
Phoenix AMA		-	\$0	-	0	0
Pinal AMA		-	\$0	-	0	0
Tucson AMA		-	\$0	-	0	0
Interstate - SNWA⁶	\$3,323,000					
Phoenix AMA			\$2,287,000		8,840	
Pinal AMA			\$0		0	
Tucson AMA			\$1,036,000		3,720	
	Total Funds Available		Total Funds Expended		Total Credits	
	\$15,783,000		\$15,771,870		13,030	44,820

¹The figures shown are estimates provided by CAWCD staff based on anticipated collections during the 2017-2018 tax year. If water storage is greater than estimated, there are additional funds held by CAWCD that could be made available at the discretion of the CAWCD Board of Directors.

² Includes purchased long-term storage credits and contractual firming credit equivalents.

³ Includes up to \$1.44 million toward the development of firming credits pursuant to the IGA between the AWBA and the Gila River Indian Community for the Development of Firming Credits.

⁴ Includes up to \$7 million toward the potential purchase of credits for M&I firming.

⁵ Includes up to \$1.2 million toward the potential purchase of credits for M&I firming.

⁶ Monies made available by the Southern Nevada Water Authority.