

ACRONYMS AND ABBREVIATIONS

ACC	Arizona Corporation Commission
ADMMR	Arizona Department of Mines and Mineral Resources
ADWR	Arizona Department of Water Resources
ADEQ	Arizona Department of Environmental Quality
ADOC	Arizona Department of Commerce
ALERT	Automated Local Evaluation in Real Time
ALRIS	Arizona Land Resource Information System
AMA	Active Management Area
AMP	Adaptive Management Program
APS	Arizona Public Service
ARS	Arizona Revised Statute
ASLD	Arizona State Land Department
AWBA	Arizona Water Banking Authority
AWCCG	Arizona Water Company - Casa Grande System
AWPF	Arizona Water Protection Fund
AZDA	Arizona Department of Agriculture
AZGF	Arizona Game and Fish Department
AZMET	Arizona Meteorological Network
BIA	United States Bureau of Indian Affairs
bls	Below land surface
BLM	United States Bureau of Land Management
BMP	best management practices
CAGR	Central Arizona Groundwater Replenishment District
CAIDD	Central Arizona Irrigation and Drainage District
CAP	Central Arizona Project
CAVSRP	Central Avra Valley Storage and Recovery Project
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CLIMAS	Climate Assessment for the Southwest
CMID	Cortaro-Marana Irrigation District
CVID	Chino Valley Irrigation District
DES	Arizona Department of Economic Security
DOD	United States Department of Defense
DWID	Domestic Water Improvement District
DWS	Drinking Water Standards
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FICO	Farmers Investment Company
FR	Federal Register
GIS	Geographic Information System
gpcd	Gallons per capita per day
gpm	Gallons per minute
GRIC	Gila River Indian Community

GSF	Groundwater Savings Facility
GSP Act	Growing Smarter Plus Act
GUAC	Groundwater Users Advisory Council
GWSI	Groundwater Site Inventory System
HIA	Historically Irrigated Acres
HIDD	Hohokam Irrigation and Drainage District
HSR	Hydrographic Survey Report
HUC	Hydrologic Unit Code
ID	Irrigation District
IDD	Irrigation and Drainage District
IGA	Intergovernmental agreement
INA	Irrigation Non-Expansion Area
ITCA	Intertribal Council of Arizona
M&I	Municipal and Industrial
MSCP	Multi-Species Conservation Plan
MSIDD	Maricopa-Stanfield Irrigation and Drainage District
LDIG	Local Drought Impact Group
LUST	Leaking Underground Storage Tank
maf	Million acre-feet
MWD	Maricopa Water District
NAU	Northern Arizona University
NHD	National Hydrography Dataset
NIWWTP	Nogales International Wastewater Treatment Plant
NMIDD	New Magma Irrigation and Drainage District
NOAA	National Oceanic and Atmospheric Administration
NPL	National Priorities List (Superfund)
NPS	United States National Park Service
NRCD	Natural Resources Conservation District
NRCS	Natural Resources Conservation Service
NWIS	National Water Information System
NWR	National Wildlife Refuge
NWS	National Weather Service
Pan ET	Pan Evapotranspiration
PCE	Tetrachloroethene
PCWAA	Pinal County Water Augmentation Authority
PDO	Pacific Decadal Oscillation
RCRA	Resource Conservation and Recovery Act
RID	Roosevelt Irrigation District
ROD	Record of Decision
RW	Recovery well
RWCD	Roosevelt Water Conservation District
SAVSRP	Southern Avra Valley Storage and Recovery Project
SAWRSA	Southern Arizona Water Rights Settlement Act
SB	Senate Bill
SCIDD	San Carlos Irrigation and Drainage District

SCIP	San Carlos Irrigation Project
SDCP	Sonoran Desert Conservation Plan
SNOTEL	SNOpack TELelemetry
SRP	Salt River Project
SRPMIC	Salt River Pima-Maricopa Indian Community
TCE	Trichloroethylene
TDS	Total Dissolved Solids
USBOR	United States Bureau of Reclamation
USDA	United States Department of Agriculture
USDOI	United States Department of Interior
USF	Underground Storage Facility
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VOCs	Volatile Organic Compounds
VRP	Voluntary Remediation Program
WIFA	Water Infrastructure Finance Authority
WC&DD	Water Conservation and Drainage District
WQARF	Water Quality Assurance Revolving Fund
WRCC	Western Regional Climate Center
WWTF	Wastewater Treatment Facility
WWTP	Wastewater Treatment Plant

APPENDIX A

Appendix A: Arizona Water Protection Fund Projects in the AMA Planning Area through 2005

ACTIVE MANAGEMENT AREA PLANNING AREA				
AMA	Map Number	AWPF Grant #	Project Title	Project Category
Phoenix AMA	16	95-010	Assessment of the Role of Effluent Dominated Rivers in Supporting Riparian Functions	Research
Phoenix AMA	101	96-0005	Tres Rios River Management & Constructed Wetlands Project	Research
Phoenix AMA	171	97-038	Tres Rios Wetland Heavy Metal Bioavailability Design for Denitrification and Microbial Water Quality	Research
Phoenix AMA	180	97-042	Queen Creek Restoration and Management Plan	Research
Phoenix AMA	259	99-098	Rio Salado Habitat Restoration Project	Constructed Wetland & Revegetation
Phoenix AMA	278	00-114	The Papago Park Greenline Project	Exotic Species Control & Revegetation
Pinal AMA	12	95-008	Picacho Reservoir Riparian Enhancement Project	Habitat Protection
Prescott AMA	19	95-012	The Comprehensive Plan for the Watson Woods Riparian Preserve	Feasibility Study
Prescott AMA	118	96-0008	Watson Woods Vegetation Inventory	Research
Prescott AMA	119	96-0009	Watson Woods Riparian Preserve Visitor Management	Research
Prescott AMA	235	99-076	Watson Woods Preserve Herpetological Interpretive Guide and Checklist	Research
Prescott AMA	296	04-121	Lynx Creek Restoration	Stream Restoration
Prescott AMA	299	04-122	Watson Woods Riparian Preserve Restoration Feasibility Project	Feasibility Study

ACTIVE MANAGEMENT AREA PLANNING AREA				
AMA	Map Number	AWPF Grant #	Project Title	Project Category
Tucson AMA	5	95-002	Partnership for Riparian Conservation in Northeastern Pima County	Research
Tucson AMA	26	95-007	High Plains Effluent Recharge Project	Wetland Restoration
Tucson AMA	69	95-023	Sabino Creek Riparian Ecosystem Protection Project	Research
Tucson AMA	90	96-0010	Rehabilitating the Puertocito Wash on the Buenos Aires National Wildlife Refuge	Stream Restoration
Tucson AMA	133	96-0026	Riparian Restoration on the San Xavier Indian Reservation Community	Habitat Restoration & Revegetation
Tucson AMA	161	97-031	Lincoln Park Riparian Habitat Project (f.k.a. Atturbury Wash Project)	Habitat Restoration
Tucson AMA	163	97-033	Proctor Vegetation Modification	Exotic Species Control
Tucson AMA	215	98-062	Partnership for Riparian Conservation in Northeastern Pima County II	Revegetation
Tucson AMA	231	99-072	Leopard Frog Habitat and Population Conservation at Buenos Aires National Wildlife Refuge	Habitat Restoration
Tucson AMA	239	99-080	Cortaro Mesquite Bosque	Habitat Restoration & Revegetation
Tucson AMA	246	99-087	Rillito Creek Habitat Restoration Project	Habitat Restoration & Revegetation
Tucson AMA	253	99-094	Santa Cruz River Park Extension	Habitat Restoration & Revegetation

ACTIVE MANAGEMENT AREA PLANNING AREA				
AMA	Map Number	AWPF Grant #	Project Title	Project Category
Tucson AMA	279	00-115	Tucson Audubon Society North Simpson Farm Riparian Recovery Project	Revegetation
Tucson AMA	300	04-123	Tucson Audubon Society, Santa Cruz River Habitat Project, North Simpson Site, Phase 2	Revegetation
Tucson AMA	310	05-130	Riparian Restoration on the San Xavier District – Project Two	Revegetation
Santa Cruz AMA	80	95-024	Potrero Creek Wetland Characterization and Management Plan	Research
Santa Cruz AMA	178	97-041	Altar Valley Watershed Resource Assessment	Research
Santa Cruz AMA	265	00-103	Riparian Restoration on the Santa Cruz River – Santa Fe Ranch	Fencing & Revegetation
Santa Cruz AMA	314	05-132	Esperanza Ranch Riparian Restoration Project	Fencing & Revegetation

APPENDIX B

Appendix B: Central Arizona Project Subcontracts

CAP SUBCONTRACTS
Municipal and Industrial Subcontracts

Subcontractor Name	Date of Contract	Entitlement (Acre-feet per year)
Arizona-American Water Co. (Agua Fria)	July 15, 1985	11,093 ^{1/}
Arizona-American Water Co. (Paradise Vly)	July 12, 1985	3,231 ^{2/}
Arizona-American Water Co. (Sun City)	Aug. 13, 1985	4,189 ^{3/}
Arizona-American Water Co. (Sun City West)	June 19, 1999	2,372 ^{4/}
Arizona State Land Dept.	Nov. 25, 1986	32,076 ^{5/}
Arizona Water Co. (Apache Jct.)	March 15, 1985	6,000
Arizona Water Co. (Casa Grande)	March 15, 1985	8,884
Arizona Water Co. (Coolidge System)	March 15, 1985	2,000
Arizona Water Co. (White Tank System)	March 15, 1985	968
ASARCO Incorporated (Ray Mine)	March 1, 1993	21,000 ^{6/}
Avondale	Dec. 6, 1984	5,416 ^{7/}
AVRA Water Co-op, Inc.	Nov. 13, 2007	808
Buckeye	Nov. 21, 1984	25 ^{8/}
Carefree Water Co.	Jan. 2, 1990	1,300 ^{9/}
Cave Creek Water Co.	May 28, 1985	2,606 ^{10/}
Central Arizona Water Conservation District (for Central Arizona Groundwater Replenishment District)		7,746 ^{11/}
Chandler	Nov. 20, 1984	8,654

Subcontractor Name	Date of Contract	Entitlement (Acre-feet per year)
Chandler Heights Citrus I.D.	Jan. 24, 1985	315
Chaparral City Water Co.	Oct. 2, 1984	8,909
Circle City Water Co.	Aug. 6, 1999	3,932 ¹²
Community Water Co. (Grn. Vly.)	May 17, 1985	2,858 ¹³
El Mirage, City of	July 19, 2007	508
Eloy	Dec. 18, 1984	2,171
Florence	Dec. 21, 1984	2,048 ¹⁴
Flowing Wells Irrigation District	June 19, 1985	4,354
Gilbert	Jan. 22, 1985	7,235
Glendale	Oct. 25, 1984	17,236 ¹⁵
Goodyear	Nov. 21, 1984	10,742 ¹⁶
Green Valley Domestic Water Improvement Dist.	June 18, 1985	1,900 ¹⁷
H2O Water Co.	Nov. 5, 2007	147
Marana, Town of	April 6, 1999	47 ¹⁸
Maricopa County Parks & Rec.	April 8, 1993	665
Mesa	Oct. 25, 1984	43,503 ¹⁹
Metropolitan Domestic Water Improvement District	May 8, 1998	13,460 ²⁰
Oro Valley, Town of	Jan. 18, 1997	10,305 ²¹
Peoria	Nov. 23, 1984	25,236 ²²
Phelps Dodge Miami, Inc.	March 1, 1993	2,906 ²³
Phoenix	Oct. 25, 1984	122,120 ²⁴
Phoenix Memorial Park	March 20, 1985	84

Subcontractor Name	Date of Contract	Entitlement (Acre-feet per year)
Pine Water Company	Aug. 6, 1999	161 ²⁵
Queen Creek Water Co.	June 26, 1995	348 ²⁶
Rio Verde Utilities, Inc.	Sept .16, 1992	812
San Tan Irrigation District	Dec. 11, 1984	236
Scottsdale	Oct. 15, 1984	52,810 ²⁷
Spanish Trail Water Co.	Nov. 16, 1990	3,037 ²⁸
Superior, Town of	June 19, 2007	285
Surprise	Feb. 8, 1995	10,249 ²⁹
Tempe	Dec. 10, 1984	4,315
Tonto Hills Utility Co.	July 20, 2001	71 ³⁰
Tucson	Feb. 1, 1985	144,172 ³¹
Vail Water Company	Dec. 27, 1984	1,857 ³²
Valley Utilities Water Co.	May 10, 2007	250
Water Utilities Community Facilities District	Aug. 7, 1996	2,919 ³³
Water Utility of Greater Buckeye	Sept. 24, 1987	43 ³⁴
Water Utility of Greater Tonopah	Sept. 24, 1987	64 ³⁵
		620,678

NOTES:

- 1 Formerly Agua-Fria (Citizens Utilities Company). Sun City Water Company (Citizens Utilities Company) transferred 9,654 acre-feet of its entitlement to Agua Fria. Agua Fria then transferred the entitlement to Arizona-American Water Company.
- 2 Arizona-American Water Company (Paradise Valley) formerly Paradise Valley Water Company.
- 3 Formerly Sun City Water Co. (Citizens Utilities Company) and Sun City Water Co. (Youngtown). Sun City Water Co. (Youngtown) acquired Youngtown's CAP allocation of 380 acre-feet. Sun City Water Company previously assigned 2,372 acre-feet of its CAP water entitlement to Sun City West Utilities Company and 9,654 acre-feet to Agua Fria. Sun City Water Co. then transferred the remainder of its entitlement and the Sun City (Youngtown) entitlement to Arizona-American Water Company (Sun City).

- 4 Formerly Sun City West Utilities Company. Sun City Water Company assigned 2,372 acre-feet of its CAP water entitlement to Sun City West Utilities Company (SCWUC). SCWUC then transferred its entitlement to Arizona-American Water Co. (Sun City West).
- 5 This amount includes Amendment No. 1 to the Arizona State Land Department's (ASLD) CAP subcontract executed on March 12, 1997, decreasing its entitlement from 39,006 to 38,476 acre-feet per year in light of ASLD transferring 530 acre-feet of its CAP water entitlement to the City of Scottsdale. Amendment No. 2 to the ASLD's CAP subcontract executed on July 24, 1998, decreases its entitlement from 38,476 to 34,576 acre-feet per year in light of ASLD transferring an additional 3,900 acre-feet of its CAP water entitlement to the City of Scottsdale. Amendment No. 3 to the ASLD's CAP subcontract executed on May 4, 2000, decreases its entitlement from 34,576 to 33,076 acre-feet per year in light of ASLD's transferring 1,500 acre-feet of its CAP water entitlement to the City of Mesa. Amendment No. 4 to ASLD's CAP subcontract decreases its entitlement from 33,076 to 32,076 acre-feet per year in light of ASLD's transferring 1,000 acre-feet of its CAP water entitlement to the City of Peoria.
- 6 Figure for the year 2034. Includes allocation to Hayden Smelter. ASARCO elected to contract for 21,000 acre-feet of its original 22,610 acre-foot allocation of CAP water.
- 7 This amount includes Amendment No. 1 to Avondale's CAP subcontract executed on December 3, 1997, increasing Avondale's entitlement from 4,099 to 4,746 acre-feet per year in light of McMicken Irrigation District transferring 647 acre-feet of its CAP M&I water entitlement to Avondale. Amendment No. 2 to Avondale's CAP subcontract executed on January 5, 2005, increasing its entitlement from 4,746 to 5,416 acre-feet per year in light of Litchfield Park Service Co. transferring 670 acre-feet of its CAP M&I water entitlement to Avondale.
- 8 Figure for the year 2034.
- 9 This amount includes Amendment No. 1 to Carefree Water Company's CAP subcontract executed on July 20, 2001, increasing its entitlement from 400 to 1,300 acre-feet per year in light of BHP Copper Inc's (formerly Cities Services Co. & Magma Copper Co.) transferring 900 acre-feet of its CAP M&I water entitlement to Carefree.
- 10 This amount includes Amendment No. 1 to Cave Creek Water Company's CAP subcontract executed on September 7, 2006, increasing its entitlement from 1600 to 1800 acre-feet per year in light of Berneil Water Company transferring 200 acre-feet of its CAP M&I water entitlement to Cave Creek Water Company.
- 11 Amendment No. 1, Supplement No. 1 to Contract No. 14-06-W-245 is pending U.S. approval. CAP M&I water was assigned to CAWCD for CAGR use by Litchfield Park Service Co. (4,760 acre-feet), New River Utility Co. (1,885 acre-feet), Sunrise Water Co. (944 acre-feet) and West End Water Co. (157 acre-feet).
- 12 As part of a corporate restructuring, Brooke Water assigned its CAP water entitlement of 3,932 acre-feet to Circle City Water Company. The subcontract for Circle City was executed on December 17, 1999. Brooke Water originally acquired the entitlement from Consolidated Water Utilities (Maricopa) in 1996 through bankruptcy proceedings.
- 13 This amount includes Amendment No. 1 to Community Water Company of Green Valley's CAP subcontract executed on May 27, 1997, increasing its entitlement from 1,100 to 1,337 acre-feet per year in light of New Pueblo Water Company transferring its CAP water entitlement of 237 acre-feet to Community Water Company.
- 14 This amount includes Amendment No. 1 to the Town of Florence's CAP subcontract executed on February 2, 1995, increasing its entitlement from 1,641 to 2,048 acre-feet per year in light of Florence's acquisition of Arizona Sierra Utility Company's CAP water entitlement of 407 acre-feet.
- 15 This amount includes Amendment No. 1 to the City of Glendale's CAP subcontract executed on October 12, 1993, increasing its entitlement from 14,083 to 14,183 acre-feet per year in light of Glendale's assumption of 100 acre-feet of New River Utility's CAP entitlement.
- 16 This amount includes Amendment No. 1 to the City of Goodyear's CAP subcontract executed on October 26, 1999, increasing its entitlement from 2,374 to 3,381 acre-feet per year in light of McMicken Irrigation District's

assigning 1,007 acre-feet of its CAP M&I entitlement to Goodyear; Amendment No. 2 to Goodyear's CAP subcontract executed on January 5, 2005, increasing its entitlement from 3,381 to 3,531 acre-feet per year in light of Litchfield Park Service Co. transferring 150 acre-feet of its CAP M&I water entitlement to Goodyear.

- 17 Green Valley Domestic Water Improvement District was formerly Green Valley Water Co.
- 18 The subcontract for Town of Marana was executed on October 12, 1999. The Town of Marana acquired Cortaro-Marana Irrigation District's CAP allocation of 47 acre-feet.
- 19 This amount includes Amendment No. 1 to the City of Mesa's CAP subcontract executed on October 9, 1986, increasing Mesa's entitlement from 20,129 to 29,527 acre-feet per year in light of Mesa's acquisition of the water utility systems of Desert Sage Water Company, Desert Sands Water Company, and Crescent Valley Utility Company; Amendment No. 2 to Mesa's CAP subcontract executed on August 22, 1991, increasing Mesa's entitlement from 29,527 to 33,459 acre-feet in light of Mesa's acquisition of Turner Ranches Water Co.; Amendment No. 3 to Mesa's CAP subcontract executed on November 17, 1993, increasing Mesa's entitlement from 33,459 to 34,292 acre-feet in light of Mesa's assumption of Williams Air Force Base's CAP allocation; Amendment No. 4 to Mesa's CAP subcontract executed on December 20, 1995, increasing Mesa's entitlement from 34,292 to 34,888 acre-feet in light of Mesa's acquisition of 596 acre-feet of Queen Creek Irrigation District's CAP M&I allocation. Amendment No. 5 to Mesa's CAP subcontract executed on May 4, 2000, increasing Mesa's entitlement from 34,888 to 36,388 acre-feet in light of Mesa's acquisition of 1,500 acre-feet of ASLD's CAP water allocation.
- 20 In September 1998, Tucson transferred 8,858 acre-feet to First Trust of Arizona (now US Bank Arizona) for the benefit of Metropolitan Domestic Water Improvement District (MDWID). That entitlement was transferred from the Trust to MDWID on March 1, 2004.
- 21 On April 21, 1997, the Town of Oro Valley (Oro Valley) executed a subcontract for 1,652 acre-feet of CAP M&I water entitlement formerly held by Foothills Water Co. and later Canada Hills. In September 1998, the City of Tucson transferred 642 acre-feet to First Trust of Arizona (now US Bank Arizona) for the benefit of Oro Valley. That entitlement was transferred from the Trust to Oro Valley on March 31, 2003. In October 2003, Tucson transferred 4,454 acre-feet of its CAP water entitlement to Wells Fargo Bank Arizona as Trustee for Oro Valley. That entitlement was transferred from the Trust to Oro Valley on June 29, 2004.
- 22 This amount includes Amendment No. 1 to the City of Peoria's CAP subcontract executed on July 11, 1989, increasing Peoria's entitlement from 15,000 to 17,849 acre-feet per year in light of Peoria's condemnation of the water utility system of Clearwater Water Co.; Amendment No. 2 to Peoria's CAP subcontract executed on September 27, 1993, increasing Peoria's entitlement from 17,849 to 18,233 acre-feet per year which reflects Peoria's assumption of 374 acre-feet of New River Utility Co.'s CAP allocation; Amendment No. 3 to Peoria's CAP subcontract executed on April 10, 2000, increasing Peoria's entitlement from 18,223 to 18,709 acre-feet per year in light of Peoria's assumption of 486 acre-feet of McMicken Irrigation District's CAP M&I allocation; Amendment No. 4 to Peoria's CAP subcontract executed on April 23, 2002, increasing Peoria's entitlement from 18,709 to 19,709 acre-feet per year in light of Peoria's assumption of 1,000 acre-feet of ASLD's CAP M&I allocation.
- 23 Figure for the year 2034. Formerly Inspiration Consolidated Copper Co. and Cyprus Miami Mining Corp.
- 24 This amount includes Amendment No. 1 to the City of Phoenix's CAP subcontract executed on February 19, 1998, increasing its entitlement from 113,882 to 113,914 acre-feet per year which reflects the transfer by Berneil Water Co. of 32 acre-feet of its CAP entitlement.
- 25 As part of a corporate restructuring, E&R Water Company has assigned its CAP water entitlement of 161 acre-feet to Pine Water Company. The subcontract for Pine Water Company was executed on December 23, 1999. E&R Water Company was formerly Pine Improvement Association.
- 26 By subcontract executed on December 20, 1995, Queen Creek Water Company has acquired 348 acre-feet of Queen Creek Irrigation District's CAP M&I water entitlement.
- 27 The City of Scottsdale's original CAP allocation and subcontract was for 19,702 acre-feet. Amendment No.1 to Scottsdale's CAP subcontract was executed on December 12, 1990, and increased Scottsdale's entitlement to 20,488 acre-feet per year in light of Scottsdale's acquisition of the water utility systems of Ironwood Water₅

Company and North Valley Water Company. Amendment No. 2 to Scottsdale's CAP subcontract was executed on August 20, 1993, and increased Scottsdale's entitlement to 21,442 acre-feet per year in light of Scottsdale's acquisition of Carefree Ranch Water Co. Amendment No. 3 to Scottsdale's CAP subcontract was executed on January 21, 1994, and increased Scottsdale's entitlement to 26,437 acre-feet per year in light of Scottsdale's acquisition of the Town of Payson's CAP entitlement. Amendment No. 4 to Scottsdale's CAP subcontract was executed on December 8, 1994, and increased Scottsdale's entitlement to 26,576 acre-feet per year in light of Scottsdale's acquisition of Desert Ranch Water Co. Amendment No. 5 to Scottsdale's CAP subcontract was executed on September 27, 1996, and increased Scottsdale's entitlement to 34,203 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlements of the City of Prescott (7,127 acre-feet) and the Yavapai-Prescott Indian Tribe (500 acre-feet). Scottsdale does not pay M&I capital charges to CAWCD for the 500 acre-feet assigned by the Yavapai-Prescott Indian Tribe, and that water is still considered Indian water for purposes of determining the allocation and repayment of CAP costs. The total allocation shown in this section of the report represents M&I water only and does not include the 500 acre-feet received from Yavapai-Prescott Indian Tribe. Amendment No. 6 to Scottsdale's CAP subcontract was executed on September 27, 1996, and increased Scottsdale's entitlement to 36,886 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlement of Rio Rico Utilities, Inc. Amendment No. 7 to Scottsdale's CAP subcontract was executed on March 12, 1997, and increased Scottsdale's entitlement to 36,916 acre-feet per year in light of Scottsdale's acquisition of 530 acre-feet from Arizona State Land Department. Amendment No. 8 to Scottsdale's CAP subcontract was executed on March 12, 1997, and increased Scottsdale's entitlement to 41,197 acre-feet per year in light of Scottsdale's acquisition of the CAP entitlements of the City of Nogales (3,949 acre-feet) and Mayer Domestic Water Improvement District (332 acre-feet). Amendment No. 9 to Scottsdale's CAP subcontract was executed on April 29, 1998, and increased Scottsdale's entitlement to 41,397 acre-feet per year in light of Scottsdale's acquisition of 200 acre-feet from Berneil Water Co. Amendment No. 10 to Scottsdale's CAP subcontract was executed on July 24, 1998, and increased Scottsdale's entitlement to 45,297 acre-feet per year in light of Scottsdale's acquisition of an additional 3,900 acre-feet from Arizona State Land Department. Amendment No. 11 to Scottsdale's CAP subcontract was executed on August 24, 1998, and increased Scottsdale's entitlement to 48,529 acre-feet per year in light of Scottsdale's acquisition of Camp Verde's CAP allocation of 1,443 acre-feet and Cottonwood's CAP allocation of 1,789 acre-feet. Amendment No. 12 to Scottsdale's CAP subcontract was executed on September 13, 2001, and increased Scottsdale's entitlement to 49,829 acre-feet per year in light of Scottsdale's acquisition of 1,300 acre-feet of BHP Copper Inc's (formerly Cities Services Co. & Magma Copper Co.) CAP water entitlement.

- 28 Formerly Ranchlands, Inc.
- 29 By subcontract executed on November 1, 1996, Surprise acquired 7,373 acre-feet of CAP M&I water from McMicken Irrigation District.
- 30 By subcontract executed on July 20, 2001, Tonto Hills acquired 71 acre-feet of CAP M&I water from BHP Copper Inc. (formerly Cities Services Co. & Magma Copper Co.).
- 31 The City of Tucson's original CAP allocation and subcontract was for 148,420 acre-feet. Amendment No. 1 to Tucson's subcontract executed on September 28, 1998, decreased Tucson's entitlement to 138,920 acre-feet per year after Tucson transferred 9,500 acre-feet to First Trust of Arizona (now US Bank Arizona) for the benefit of Metropolitan Domestic Water Improvement District (MDWID) and the Town of Oro Valley (Oro Valley). Amendment No. 2 to Tucson's subcontract, executed on October 28, 2003, decreased Tucson's entitlement from 138,920 to 134,466 acre-feet per year in light of Tucson's transfer of 4,454 acre-feet to Wells Fargo Bank Arizona, as Trustee for Oro Valley. Amendment No. 3 to Tucson's subcontract, executed on February 10, 2004, increased Tucson's entitlement from 134,466 to 135,966 acre-feet per year in light of Midvale Farms Water Co. transferring its CAP water entitlement of 1,500 acre-feet to Tucson.
- 32 Vail Water Company formerly Del Lago Water Company.
- 33 In 1997, Water Utilities Community Facilities District (Apache Junction) acquired the Consolidated Water Utilities (Pinal County) entitlement through bankruptcy proceedings. This allocation was formerly held by Palm Springs Water Company.
- 34 Formerly West Phoenix Water Company.
- 35 Formerly Sunshine Water Company.

CAP Non-Indian Agricultural Subcontracts

Subcontractor Name	Entitlement (Acre-feet per year)
Arizona State Land Department	9,026 ^{1/}

NOTES:

- 1 This entitlement was originally part of MSIDD's CAP subcontract. The CAP subcontract with Arizona State Land Department is pending and is subject to the satisfaction of certain specified conditions, including the ultimate effectiveness of the Arizona Water Settlement Agreement and Arizona Water Settlements Act.

CAP Indian Contracts

Subcontractor Name	Intended Use	Entitlement (Acre-feet per year)
Ak-Chin Indian Community	Irrigation	75,000 ¹
Camp Verde (Yavapai-Apache)	Tribal Homeland	1,200
Fort McDowell Indian Community	Tribal Homeland	18,233 ²
Gila River Indian Community	Irrigation	311,800 ³
Pascua Yaqui Tribe	Tribal Homeland	500
Salt River Pima-Maricopa Indian Community	Irrigation	13,300
San Carlos-Apache Tribe	Irrig. & Tr. Homeland	61,645 ⁴
Tohono O'Odham Nation (formerly Papago Tribe)		
Chui Chu	Irrigation	8,000
San Xavier	Tribal Homeland	50,000 ⁵
Schuk Toak	Tribal Homeland	16,000 ⁶
Tonto-Apache Tribe	Tribal Homeland	<u>128</u>
		555,806

NOTES:

- 1 The Ak-Chin Indian Community was allocated 58,300 acre-feet in 1983. Under the Ak-Chin Indian Community Water Rights Settlement Act of 1984, Pub. L. 98-530, the United States acquired 50,000 acre-feet (before losses) of Colorado River water from the Yuma-Mesa Division of the Gila Project, which was added to the CAP supply. Under the 1984 settlement, the Ak-Chin Indian Community is entitled to delivery of 75,000 acre-feet in a normal Colorado River water year, 85,000 acre-feet in a surplus year, and not less than 72,000 acre-feet in a shortage year. That obligation is met using first the former Yuma-Mesa water (quantified at 47,500 acre-feet after system losses) and thereafter as much of the original Ak-Chin allocation as is needed (27,500 acre-feet in a normal year). Whatever portion of the original Ak-Chin CAP allocation is not needed to satisfy delivery obligations to the Ak-Chin Indian Community (30,800 acre-feet in a normal year) is available for delivery to the San Carlos Apache Tribe (see note 3 below).
- 2 The Fort McDowell Indian Community was allocated 4,300 acre-feet in 1983. The Fort McDowell Indian Community Water Rights Settlement Act of 1990, Pub. L. 101-628, authorized the Secretary of the Interior to acquire the CAP non-Indian agricultural entitlement of the Harquahala Valley Irrigation District (originally 7.67% of the available agricultural supply) and convert it to 33,251 acre-feet of CAP Indian priority water. The Fort McDowell Indian Community received 13,933 acre-feet of the former HVID entitlement; the Gila River Indian Community received 18,100 acre-feet, and the remaining 1,218 acre-feet may only be used to settle water rights claims of other Indian tribes having claims to the water in the Salt and Verde River system.

- 3 The Gila River Indian Community was allocated 173,100 acre-feet of irrigation water in 1983. Under an August 7, 1992 agreement among RWCD, the United States, and the Gila River Indian Community, RWCD purportedly relinquished the remainder of its CAP entitlement for the use and benefit of GRIC. The relinquished entitlement was quantified as 18,600 acre-feet and reallocated to the Community under §204(b)(1)(A) of the Arizona Water Settlements Act, Pub. L. 108-451. The Act also reallocated to the Community 18,100 acre-feet of the former HVID entitlement and 102,000 acre-feet of non-Indian agricultural priority water relinquished pursuant to the Arizona Water Settlement Agreement. See Pub. L. 108-451, §§204(b)(1)(B) and 204(b)(1)(D).
- 4 The San Carlos Apache Tribe was allocated 12,700 acre-feet in 1983. Of that total, 2,700 acre-feet was designated as irrigation water and 10,000 acre-feet was designated as tribal homeland water. Under the San Carlos Apache Tribe Water Rights Settlement Act of 1992, Title 37 of Pub. L. 102-575, the Secretary reallocated to the San Carlos Apache Tribe 14,665 acre-feet of CAP M&I water originally allocated to the Phelps Dodge Corporation, 3,480 acre-feet of CAP M&I water originally allocated to the City of Globe, and the portion of the original Ak-Chin CAP allocation not needed to meet delivery obligations to the Ak-Chin Indian Community (see note 1 above). In a normal water supply year on the Colorado River—i.e., when no more than 27,500 acre-feet of the original Ak-Chin allocation is needed for delivery to the Ak-Chin Indian Community—the San Carlos Apache Tribe allocation is 61,645 acre-feet. The former Phelps Dodge water and the former Globe water retain their original M&I CAP priority.
- 5 San Xavier was originally allocated 27,000 acre-feet and received an additional 23,000 acre-feet of non-Indian agricultural priority water relinquished pursuant to the Arizona Water Settlement Agreement. See §306(a)(1) of the Southern Arizona Water Rights Settlement Amendments Act of 2004 (Title 3 of the Arizona Water Settlements Act, Pub. L. 108-451).
- 6 Schuk Toak was originally allocated 10,800 acre-feet and received an additional 5,200 acre-feet of non-Indian agricultural priority water relinquished pursuant to the Arizona Water Settlement Agreement. See §306(a)(2) of the Southern Arizona Water Rights Settlement Amendments Act of 2004 (Title 3 of the Arizona Water Settlements Act, Pub. L. 108-451).