

Area	Title	Partner	Amount	Duration	Description	Origin	Status
Conservation - Municipal	Regional Single Family Water Use Study	Phoenix, Chandler, Glendale, Gilbert	\$260,000	Thru 12/31/18	A regional single-family end-use study that would compare and contrast different municipalities/utilities in the Valley. Such a study would replicate national studies done in the past when targeted surveys and data-logging were used to collect detailed information on indoor and outdoor use by samples of single family residences. This study would allow for the collection of supplementary data in Phoenix (i.e. surveys and some data-logging that would add to what WSD has already done) and for entirely new data collection in a number of other utility service areas in the Greater Phoenix area.	ADWR / Cities	Final deliverable to be received for \$66,000 (funds encumbered).
Conservation - Municipal	Salinity - education and certified installer program	Arizona Water Quality Association (AWQA)	\$40,000; possibly additional \$40,000 in future	Thru 5/31/19	Consulting project to create training module and certification program focused on commercial and industrial facilities & users. Additionally, expansion of residential public education campaign program to provide basic information on salinity and how it affects water resources.	ADWR	Renewed Phase 2 of Salinity Reduction Project, expanding to CII sectors @ \$40,000
Conservation - Municipal	Water Use It Wisely	TBD	\$50,000	Thru 7/31/19	The Water – Use It Wisely program was launched in 1999 and is a comprehensive community awareness campaign that demonstrates how changing a few simple habits can have a significant impact on water consumption. The campaign doesn't tell people to save water, it shows them how to save water. By participating with an ongoing program rather than beginning a new campaign, a partner can benefit significantly as the bulk of campaign monies will go directly to purchasing media space or time, bolstering the campaign's frequency. This represents considerable savings of creative development costs, which a separate advertising program would otherwise incur.	ADWR	Renewed for 1 year @ \$50,000
Conservation	Arizona Project WET	AZ Project WET	\$50,000	Thru 7/31/19	Arizona Project WET, a recipient of ADWR Assistance Program funds since 2001, has developed and provided teacher workshops, Arizona-specific instructional materials, water education festivals and other innovative and valuable educational resources that promote the awareness, appreciation, knowledge, and stewardship of Arizona water resources. Renewal of IGA for \$50,000 for one year from ADWR.	Renewal	Renewed for 1 year @ \$50,000
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/19	SMARTSCAPE has instructed landscape professionals in the fundamentals of design, installation, irrigation, and maintenance of low-water-use landscapes since 1994. SMARTSCAPE has been coordinated and funded in the Phoenix area by AMWUA. ADWR matching funding goes toward analysis of program impacts, administration of the SMARTSCAPE website, and increasing promotion and partnerships.	Renewal	Renewed for 2 years @ \$30K per year
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRCDC	\$216,000 total for 2 year period	thru 10/31/19	ADWR funding provides for the WCMP to be administered by the East Maricopa Natural Resources Conservation District (EM-NRCD) through a subcontracted agent. The WCMP program assists agricultural and urban irrigation water users within the Phoenix AMA by providing on-site irrigation technical assistance, including education and outreach to all agricultural water users; and by serving as a monitoring agent for the Department's Agricultural Best Management Practice (BMP) program. The goals of the WCMP are to increase irrigation efficiencies and promote water conservation through a variety of services.	Renewal	Renewed for \$108K per year for 2 years
Conservation	Conservation Outreach and Messaging program	ADWR, AMWUA, others	\$15,000	Annually	Funding for purchase conservation outreach & literature materials, and/or participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Ongoing standing item

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Monitoring and Assessing Water Availability	Water level monitoring	ADWR	\$30,000-\$50,000	Annually	In order to establish suitable monitoring sites within the Buckeye waterlogged area, ADWR may install one or more piezometers equipped with water level transducers.	ADWR	Ongoing standing item
Conservation - Municipal	Regional Industrial/Commercial/Institutional Water Use Study	Phoenix, Chandler, Glendale, Gilbert	\$200,000 to \$300,000	1 year	A regional industrial/commercial/institutional (ICI) end-use study that would investigate water use trends in a limited number of sectors such as schools, medical facilities (focus on hospitals and clinics), and hotels/motels/resorts, building on research initially undertaken by Phoenix and its consultants (and any other relevant utilities or agencies). Sectors where Phoenix has already done some level of research include: multifamily; general office; general retail; warehouses; health care facilities with an emphasis on hospitals; schools; and hotels/motels. Additional sectors would be investigated in later phases of regional research. This study would attempt to provide baseline data, usage trends, and projections of future use with a focus on sector-specific metrics (e.g. hotel usage on a per-room basis or hospital usage on a per-bed or per patient visit basis).	ADWR / Cities	Proposed Project- Undergoing development among partners - final proposal to be discussed at a future GUAC meeting
Conservation - Municipal	Water loss detection services	TBD	\$150,000	2 years	Water providers showing the need for assistance with leak detection would qualify for services subcontracted with a leak detection company.	ADWR / AMWUA	TBD - Needs development
Conservation	Smart Controller Study - Best Management Practices Approach	TBD	\$75,000	1 year	Develop Best Management Practices program for use of irrigation controllers within municipal, golf, residential, and commercial settings. Demonstrate potential savings from improved application and monitoring of smart controllers.	ADWR	TBD - Needs development
Conservation	HOA Landscape/Irrigation Water Conservation	TBD	\$75,000	2 years	Within the Phoenix AMA there are hundreds of HOAs, many of which have inefficient irrigation systems, aging infrastructure, and lack of continuity among HOA board members. Possible avenues for assistance could include funding landscape irrigation audits; providing education for residents; providing scholarships for Smartscape trained landscapers; and possibly funding infrastructure and installation of reclaimed water to turf facilities.	ADWR	TBD - Needs development
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$300,000	Multiple years	Examples: 1. Provide funding for recharge feasibility studies; 2. Provide funding for purchase of water for storage, or for purchase of credits; 3. Provide funding for studies of treatment of poor quality groundwater.		TBD - Needs development

Project Status		Amount
Beginning fund balance		\$ 1,394,513
Encumbered amount		\$ 260,000
Priority 0 - Current Projects	IN PROGRESS Smartscape	\$60,000 total (\$7,500 encumbered)
	IN PROGRESS Residential Water-Use Study	\$266,000 total (\$66,500 encumbered)
	IN PROGRESS WCMP	\$210,000 total (\$166,000 encumbered)
	IN PROGRESS Arizona Project WET	\$50,000 total (\$20,000 encumbered)
Balance after encumbrances		\$ 1,134,513
Priority 1 - Funded, renewed, or proposed	FUNDED ONGOING Water Level Monitoring, 1 year	\$ 20,000
	FUNDED ONGOING Conservation Outreach & Messaging, 1 year	\$ 15,000
	RENEWED RENEWED Water Use It Wisely, 1 year	\$ 50,000
	RENEWED RENEWED Arizona Water Quality Association, phase 2	\$ 40,000
	PROPOSED PROPOSED, Regional I/C/I Water Use Study	\$ 300,000
		<i>Subtotal</i> \$ 425,000
Balance		\$ 709,513
Priority 2 - TBD	NEEDS DEVELOPMENT Smart controller study	\$ 75,000
	NEEDS DEVELOPMENT HOA landscape irrigation water conservation	\$ 75,000
	NEEDS DEVELOPMENT Water Loss detection services	\$ 150,000
	NEEDS DEVELOPMENT Activities to facilitate recharge/storage	\$ 400,000
		<i>Subtotal</i> \$ 700,000
Balance		\$ 9,513

Category	Project	Sector	Amount	By Category	Percent By Category
Augmentation	Activities to facilitate recharge/storage	All	\$300,000	\$ 300,000	19%
Conservation	Water Conservation Management Program (WCMP)	Agricultural	\$216,000	\$ 1,297,000	80%
	SMARTSCAPE Professional Landscape Training	Industrial	\$60,000		
	Smart Controller Study	Industrial	\$75,000		
	AZ Water Quality Association	Industrial	\$40,000		
	HOA Landscape/Irrigation Water Conservation	Industrial	\$75,000		
	Proposed CII Study	Industrial	\$300,000		
	Residential Water-Use Study	Municipal	\$266,000		
	Conservation Outreach/ Messaging program	Municipal	\$15,000		
	Water Use It Wisely	Municipal	\$50,000		
	Arizona Project WET	Municipal	\$50,000		
Water Loss Detection Services	Municipal	\$150,000			
Monitoring and Assessing Water Availability	Water level monitoring	All	\$20,000	\$ 20,000	1%
			\$ 1,617,000	\$ 1,617,000	

Sector	Project	Category	Amount	By Sector	Percent By Sector
Agricultural	Water Conservation Management Program (WCMP)	Conservation	\$ 216,000	\$ 216,000	13%
All	Activities to facilitate recharge/storage	Augmentation	\$ 300,000	\$ 320,000	20%
	Water level monitoring	Monitoring and Assessing Water Availability	\$ 20,000		
Industrial	SMARTSCAPE Professional Landscape Training	Conservation	\$ 60,000	\$ 250,000	15%
	Smart Controller Study - Best Management Practices Approach	Conservation	\$ 75,000		
	Az Water Quality Association	Conservation	\$ 40,000		
	HOA Landscape/Irrigation Water Conservation	Conservation	\$ 75,000		
Municipal	Residential GPCD Study	Conservation	\$ 266,000	\$ 831,000	51%
	Proposed I/C/I Study	Conservation	\$ 300,000		
	Arizona Project WET	Conservation	\$ 50,000		
	Conservation Outreach/Messaging program	Conservation	\$ 15,000		
	Water Use It Wisely	Conservation	\$ 50,000		
	Water Loss Detection services	Conservation	\$ 150,000		
			\$ 1,617,000	\$ 1,617,000	