

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation - Municipal	<b>Regional Single Family Water Use Study</b>	Phoenix, Chandler, Glendale, Gilbert	\$100,000 to \$250,000	1 Year	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	A Proposed Project	Undergoing development among partners - final proposal to be discussed at January GUAC meeting
Conservation - Municipal	<b>Regional Industrial/Commercial/Institutional Water Use Study</b>	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	A Proposed Project	Undergoing development among partners - final proposal to be discussed at January GUAC meeting
Conservation	<b>SMARTSCAPE Professional Landscape Training</b>	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/17	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	Funded; project ongoing	Contract renewed and extended to 8/17
Conservation	<b>Arizona Project WET</b>	AZ Project WET	\$100,000 over two years	4/1/14 - 6/30/16	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. Funding of \$50,000/year for two years from ADWR goes toward increasing the frequency, type and reach of teacher professional development opportunities, as well as expanding water festivals to additional cities.	Renewal	Funded; project ongoing	Next Deliverable Due 1/31/2016 for \$20,000
Conservation - Ag	<b>Water Conservation Management Program (WCMP)</b>	East Maricopa NRCD	\$216,000 total for 2 year period	thru 10/31/17	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	Funded; project ongoing	Contract being reviewed for signature by ADWR staff.

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Conservation - municipal	<b>Salinity - education and certified installer program</b>	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/16 (deadline extended)	Contract to develop a public education campaign program to provide basic information on salinity and how it affects water resources; and to develop a certification program for water softener sales associates, installers and service technicians designed to increase water softener efficiency and decrease the amount of salinity entering the sewer system.	ADWR	Funded; project ongoing	Contract deadline extended 1 year by ADOA.
Monitoring and Assessing Water Availability	<b>Water level monitoring</b>	ADWR	\$30,000-\$50,000	Yearly	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	Funded; project ongoing	\$20,000 (estimate)
Monitoring and Assessing Water Availability	<b>Geohydrology analysis - Superstition Vistas</b>	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	Through 8/31/2016	3-year project to perform geohydrology analysis in Superstition Vistas, to assess groundwater availability and recharge potential. Certain tasks would be subcontracted to Arizona Geologic Survey. Study would include drilling of exploratory borings and test wells; analyzing geologic data; and preparation of report of findings.	SRP / Partners	Funded; project ongoing	Deliverables 1 and 2 received; associated payment of \$312,500 being processed
Conservation	<b>Building Water Efficiency Website</b>	AMWUA	\$15,000	To be revisited by ADWR and AMWUA	AMWUA has committed funding towards developing an interactive conservation website within the commercial and industrial sectors. ADWR matching funding has gone toward providing resources and information that complement ADWR's regulatory requirements and management plans. Funding can also be put toward marketing ADWR's website.	ADWR /AMWUA	Likely	On hold - AMWUA still has expressed interest in future, pending staffing transition.
Conservation	<b>Development of online Low Water Use Plant List database</b>	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database. Portions of project may be performed by ADWR in-house. Intent is to develop database containing low water use plant list information for plants in all five AMAs, along with streamlined process for modifying plant lists.	ADWR, AMWUA	Likely	Discussion ongoing
Conservation	<b>Conservation Outreach and Messaging program</b>	ADWR, AMWUA, others	\$15,000		Funding for purchase conservation outreach & literature materials, and/or participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$15,000
Conservation	<b>Smart Controller Study - Best Management Practices Approach</b>	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	Needs development	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	<b>HOA Landscape/Irrigation Water Conservation</b>	TBD	\$75,000	Over 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	Needs development	
Conservation - municipal	<b>Contract - leak detection services</b>	TBD	\$80,000	Over 2 years	Water providers showing the need for assistance with leak detection would qualify for services subcontracted with a leak detection company.	ADWR	Needs development	
Conservation (industrial)	<b>Study of Decommissioning of Golf Courses</b>	TBD	\$75,000	1 year	With the changing economy and consumer preferences, a number of golf courses within AMAs have struggled to remain in operation in recent years. A study has been proposed that would explore the feasibility of voluntarily de-commissioning golf courses and transitioning them for other uses, with an emphasis on reduced water consumption.	ADWR	Needs development	Will contact other parties - followup.
Recharge / Augmentation	<b>Activities to facilitate recharge/storage</b>	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;		Needs development	

		<b>Amount</b>
<b>Balance after encumbrances (includes SmartScape, AWQA, WCMP, Project WET)</b>		<b>\$ 1,260,623</b>
Priority 1 - proposed, funded or likely	PROPOSED Regional SF Water Use Study	\$ 250,000
	PROPOSED Regional I/C/I Water Use Study	\$ 300,000
	SMARTSCAPE	\$ 60,000
	WCMP	\$ 216,000
	Water Level Monitoring	\$ 20,000
	Superstition Vistas	\$ 350,000
	Building Water Efficiency Website	\$ 25,000
	Development of Online LWU Plant List	\$ 25,000
	Purchase of Conservation Materials	\$ 5,000
	Conservation Outreach & Messaging	\$ 15,000
	<i>Subtotal</i>	<i>\$ 1,266,000</i>
<b>Balance</b>		<b>\$ (5,377)</b>
Priority 2 - needs development	Smart controller study	\$ 75,000
	HOA landscape irrigation water conservation	\$ 75,000
	Leak detection	\$ 80,000
	Decommissioning golf course study	\$ 75,000
	Activities to facilitate recharge/storage	\$ 300,000
	<i>Subtotal</i>	<i>\$ 605,000</i>
<b>Balance</b>		<b>\$ (610,377)</b>
Anticipated groundwater withdrawal fees for 2014		\$ 460,000
<b>Balance</b>		<b>\$ (150,377)</b>

Project	Category	Sector	Amount	By Category	Percent By Category
Activities to facilitate recharge/storage	<b>Augmentation</b>	All	\$ 300,000	\$ 300,000	16%
Water Conservation Management Program (WCMP)	<b>Conservation</b>	Agricultural	\$ 216,000	\$ 1,201,000	64%
SMARTSCAPE Professional Landscape Training	<b>Conservation</b>	Industrial	\$ 60,000		
Smart Controller Study - Best Management Practices Approach	<b>Conservation</b>	Industrial	\$ 75,000		
HOA Landscape/Irrigation Water Conservation	<b>Conservation</b>	Industrial	\$ 75,000		
Study of Decommissioning of Golf Courses	<b>Conservation</b>	Industrial	\$ 75,000		
Purchase of conservation materials	<b>Conservation</b>	Municipal	\$ 5,000		
Proposed Res & I/C/I Studies	<b>Conservation</b>	Municipal	\$ 550,000		
Building Water Efficiency Website	<b>Conservation</b>	Municipal	\$ 25,000		
Conservation Outreach/ Messaging program	<b>Conservation</b>	Municipal	\$ 15,000		
Development of online Low Water Use Plant List database	<b>Conservation</b>	Municipal	\$ 25,000		
Contract - leak detection services	<b>Conservation</b>	Municipal	\$ 80,000		
Water level monitoring	<b>Monitoring and Assessing Water Availability</b>	All	\$ 20,000		
Geohydrology analysis - Superstition Vistas	<b>Monitoring and Assessing Water Availability</b>	Municipal	\$ 350,000		

Project	Category	Sector	Amount	By Sector	Percent By Sector
Water Conservation Management Program (WCMP)	Conservation	<b>Agricultural</b>	\$ 216,000	\$ 216,000	12%
Activities to facilitate recharge/storage	Augmentation	<b>All</b>	\$ 300,000	\$ 320,000	17%
Water level monitoring	Monitoring and Assessing Water Availability	<b>All</b>	\$ 20,000		
SMARTSCAPE Professional Landscape Training	Conservation	<b>Industrial</b>	\$ 60,000	\$ 285,000	15%
Smart Controller Study - Best Management Practices Approach	Conservation	<b>Industrial</b>	\$ 75,000		
HOA Landscape/Irrigation Water Conservation	Conservation	<b>Industrial</b>	\$ 75,000		
Study of Decommissioning of Golf Courses	Conservation	<b>Industrial</b>	\$ 75,000		
Purchase of conservation materials	Conservation	<b>Municipal</b>	\$ 5,000	\$ 1,050,000	56%
Proposed Res & I/C/I Studies	Conservation	<b>Municipal</b>	\$ 550,000		
Building Water Efficiency Website	Conservation	<b>Municipal</b>	\$ 25,000		
Conservation Outreach/Messaging program	Conservation	<b>Municipal</b>	\$ 15,000		
Development of online Low Water Use Plant List database	Conservation	<b>Municipal</b>	\$ 25,000		
Contract - leak detection services	Conservation	<b>Municipal</b>	\$ 80,000		
Geohydrology analysis - Superstition Vistas	Monitoring and Assessing Water Availability	<b>Municipal</b>	\$ 350,000		
			\$ 1,871,000		