

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Conservation	SMARTSCAPE Professional Landscape Training	SMARTSCAPE (AMWUA)	\$60,000 over two years	Thru 8/30/15	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	\$2,000 was invoiced Feb 2015. Have begun process to renew contract in September 2015.
Conservation	Arizona Project WET	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	\$20,000 was invoiced February 2015; next \$20,000 in August 2015
Conservation	Purchase of conservation materials	ADWR	\$5,000		Funding for purchase of conservation literature (e.g. AMWUA Smart Home Water Audit Guide)	ADWR	Funded; project ongoing	Approx \$1,800 for conservation materials, March 2015
Conservation - Ag	Water Conservation Management Program (WCMP)	East Maricopa NRC	\$108,000 for one year	thru 10/31/15	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 ends Oct 2015; need to initiate discussion of contract renewal (2 years?)
Conservation - municipal	Salinity - education and certified installer program	Arizona Water Quality Association AWQA	\$40,000	8/1/14 - 7/31/15	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	\$6,000 invoiced Feb 2015; \$6,000 invoiced Mar 2015; \$6,000 to be invoiced May 2015; First draft of certification reviewed, awaiting final draft.
Conservation (Muni)	Residential GPCD Study	CAP, BOR, SRP, Maricopa County Cities	\$10,000	2014-2015	Gary Woodard, Montgomery & Associates, is examining causes of declining GPCD rates within Pima County. A similar study is proposed for Maricopa County. Funding partners would include several municipalities, CAP, BOR, SRP.	ADWR / partners	Funded; project ongoing	
Monitoring and Assessing Water Availability	Water level monitoring	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	Geohydrology analysis - Superstition Vistas	Joint participation by ADWR, ASLD, SRP, BOR, AWC	\$175,000 per year for two years	2014-2016	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	GUAC recommend approval 2/15	\$175,000 requested current fiscal year, \$175,000 next. IGA under review by ADWR

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Administration of WMAP program	Conservation specialist, WMAP assistance	ADWR			Proposal from Phoenix GUAC for additional ADWR staff resources for administering WMAP program. Einav Henenson hired 1/15	ADWR	General fund	
Conservation	Building Water Efficiency Website	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.
Conservation	Conservation Messaging program	AMWUA, others	\$20,000		Proposal for funding/participation in conservation messaging, via billboards, traffic ads, or other media	ADWR	Likely	\$10,000
Conservation	Development of online Low Water Use Plant List database	AMWUA	\$25,000		Proposal for teaming with AMWUA in development of a searchable online Low Water Use Plant List database.	ADWR, AMWUA	Likely	\$25,000
Conservation	Additional conservation outreach	ADWR	\$25,000		General funding for conservation-related activities	ADWR	Likely	\$10,000
Conservation - Municipal	Non-Residential Demand Study	TBD	\$50,000	1 Year	Since the mid 2000's ADWR has provided an online generic water demand calculator, used by developers to estimate build-out demand of proposed subdivisions in submitting applications for Certificate of AWS. Since residential GPCD rates for municipal providers have been steadily declining, ADWR has done extensive research lately toward updating the demand calculator. We have developed updated single family and multi family residential components, but additional study is needed in non-residential demand. ADWR would like to fund a study of non-residential uses so that the commercial acre-feet per acre component in the demand calculator can ultimately be updated.	ADWR	Likely	\$25,000
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	Needs development	
Conservation	HOA Landscape/Irrigation Water Conservation	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 - Ag	On-Farm Conservation Program	TBD	\$75,000	One year	Irrigation water management programming		Needs development	
Conservation - municipal	Contract - leak detection services	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)	Study of Decommissioning of Golf Courses	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	

Area	Title	Partner	Amount	Duration	Description	Origin	Status	Upcoming fund request this FY
Monitoring and Assessing Water Availability	GCASE (Groundwater, Climate and Stakeholder Engagement) - enhanced model linking supply and demand	WRRC / HRC	\$60,000	1 year	Eylon Shamir with Hydrologic Research Center has used the Santa Cruz AMA groundwater flow model as a base for pursuing three objectives: (1) Address climate uncertainties with a sophisticated modeling framework; (2) Increase stakeholder capacity to adapt water planning and management to future climate uncertainties; and (3) Establish the transferability of the modeling framework and capacity building approach. WRRC is interested in applying the work to another area of interest; ADWR feels that the Hassayampa / Tonopah Desert area may be a good candidate.	HRC/WRRC	Needs development	
Recharge / Augmentation	Activities to facilitate recharge/storage	TBD	\$500,000	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	