

Project Complete Y = Yes N = No S = started	Effectiveness 1 = not effective 5 = very effective	Priority 1 = low priority 5 = high priority	Alternative name	Category (Chapter 10 Section)	Steering Committee Discussion Comments
Y	4	5	R1-5—Urban Water Pricing (A-21)	10.2.1 Urban and Rural Conservation Activities	This has been very effective in the communities that have implemented.
S	3	5	R1-7—Treated Effluent Re-use (A-27)	10.2.1 Urban and Rural Conservation Activities	This alternative has two parts, injection of the treated water or irrigation with the water. Irrigation much easier than injection
Y	4	4	R1-2—Outdoor Conservation Programs (A-18, A-22)	10.2.1 Urban and Rural Conservation Activities	Very effective in some regions and not at all in other regions. We should try and prioritize this in regions not doing it already.
Y	4	4	Conservation incentives (local gov't incentives to conserve)	10.2.1 Urban and Rural Conservation Activities	
S+	2	3	R1-3—Rainwater Harvesting (A-44)	10.2.1 Urban and Rural Conservation Activities	There are some prohibitions on this (can't harvest from land, but any roof capture is allowed – stormwater runoff belongs to the state). Change the name of this alternative to clarify that this is rooftop harvesting so that it is not in conflict with ISC or EPA). Particularly not effective for large parking lots or commercial locations
N	1	1	R1-6—Greywater Reuse (A-24)	10.2.1 Urban and Rural Conservation Activities	Not cost effective for home owners to do run the double plumbing needed. Then additional cost to treat the water makes it even more costly
Y	5	1	R1-8—Growth of Parks and Golf Courses	10.2.1 Urban and Rural Conservation Activities	This was written such that water use on golf courses and parks be reduced by 80%. This has been effective and done in many places, or limited growth of new parks.
Y	3		R1-1—Establish a Domestic Well Policy (A-61)	10.2.1 Urban and Rural Conservation Activities	SC agreed that the issue is important and public education has increased, but since it is not enforced it has not had the successful impact it could have. The policy is good and the SC likes it, just needs more enforcement. Reducing domestic wells from 3 acre-ft to 1 ac-ft often had little effect since most people didn't use 3 ac-ft domestically (unless they were actually irrigating land with this right)
Y	5		R1-4—Conversion to Low Flow Appliances (A-18)	10.2.1 Urban and Rural Conservation Activities	
			R1-9—Recognize Urban and Economic Vitality in the Region (Goal D)	10.2.1 Urban and Rural Conservation Activities	GOAL
N	1	5	R2-1—Adjudication and Water Rights Settlement (A-71)	10.2.2 Water Resources Planning and Management	Consensus that this was important, but not happening.
Y	4	5	R2-2—Conjunctive Use Management (A-144)	10.2.2 Water Resources Planning and Management	Surface water/ground water distinction – ABQ has seen great response to this – water table increasing since GW pumping has decreased.
Y	2	5	R2-3—Funding Source for Water Activities (A-59, A-58)	10.2.2 Water Resources Planning and Management	Dedicated and reliable funds for water projects - This created the Water Trust Board – but there is disagreement over how effective this has been.
N	1	5	R2-4—Elephant Butte Loss Accounting (A-51)	10.2.2 Water Resources Planning and Management	Evap losses from Elephant Butte is actually part of the Socorro region water balance – but since this is a basin wide issue, it also concerns this region. This is a limitation of region based planning. This alternative included surfactant to reduce evap, etc. move storage north. Lots of group uncertainty over this alternative – this isn't dealing with reducing losses, but just increasing accounting on losses.
Y	3	5	R2-6—Water Resource Database (A-73)	10.2.2 Water Resources Planning and Management	
S	3	5	R2-7—Watershed Management Plans (A-66, A-33)	10.2.2 Water Resources Planning and Management	Laura McCarthy work on this issue is important – watershed management is good for fire protection (and less devastating impacts from fire runoff). Lacking funding. More science is needed (ISC has 5 yr Santa Fe study on this that is ongoing).
S /	3	5	R2-9—Storm Water Management Plans (A-34)	10.2.2 Water Resources Planning and Management	This is very effective in ABQ but not in other regions but there was discussion that this wasn't helping other areas such as Valencia County etc.
S	2	4	R2-5—Active Administration (A-143)	10.2.2 Water Resources Planning and Management	
N / S-	3	4	Soil and Vegetation Management (A-33)	10.2.2 Water Resources Planning and Management	

Project Complete Y = Yes N = No S = started	Effectiveness 1 = not effective 5 = very effective	Priority 1 = low priority 5 = high priority	Alternative name	Category (Chapter 10 Section)	Steering Committee Discussion Comments
Y	2	4	R2-8—Comprehensive, Integrated, and Continued Water Planning (A-53)	10.2.2 Water Resources Planning and Management	
S	2	4	R2-10—Cooperative Regional Water Management (A-67)	10.2.2 Water Resources Planning and Management	Mechanism to create larger programs by pooling resources (disagreement over priority on this one – some people think this will never happen)
S	1	4	R2-11—Water Banking (A-67A)	10.2.2 Water Resources Planning and Management	The conservancy has a water bank. It won't help until adjudication is finished.
S	1	3	R2-12—Land Use Management and Planning (includes Growth Management A-52, A-30, In-fill Density A-28, and Conjunctive Management A-144)	10.2.2 Water Resources Planning and Management	Water use restrictions based on type of development. Plans can be too small in reach, not covering a large enough community/area/region
Y			Regional Water Planning Program (A-58)	10.2.2 Water Resources Planning and Management	
S	2	5	R3-1—Measure All Water Uses (A-7, A-8, A-73)	10.2.3 Water Monitoring and Measurement	On-farm measurement not complete, but other uses are pretty well metered. Retrofit existing infrastructure a high priority. We need data to manage the supply and understand use.
N	2	5	R4-3—Establish a Local Marketing Infrastructure (A-11)	10.2.4 Agriculture	Current alt focuses on low water use crops, which is not very feasible. A regional sorting shed needed to bring small AG members to come together would be more effective. Feasibility studies are already done.
Y / N dirt ditches	2	3	R4-1—Upgrade Agricultural Conveyance Systems (A-9)	10.2.4 Agriculture	Lining ditches reduces recharge to the shallow aquifer (so water can be gained, but the cost is high for some)– more analysis is needed to determine benefits (see work by Oad and Kristof). Some turnout upgrades have happened for MRGCD.
Y	5	3	R4-2—Level Irrigated Fields (A-10)	10.2.4 Agriculture	85% of fields over 2 acres have been laser leveled (possibly more). More affordable technology
N	2	3	R4-4—Acequia Efficiency Programs (A-60)	10.2.4 Agriculture	
			<i>R4-5—Recognize Agricultural Traditions in the Region (Goal C)</i>	10.2.4 Agriculture	GOAL
Y	3	4	R5-1—Mitigate Septic Tank Impacts (A-26, A-47)	10.2.5 Water Quality	Valencia County study (Master plan) looked at these impacts. Homes with septic have increased inspection (Bern. Co. and NMED regulations). Started in Bern. Co. but not in the other counties or in rural areas (where it is not appropriate)
Y	4	4	R5-2—Improved Water Quality Sampling and Testing (A-47)	10.2.5 Water Quality	Stormwater monitoring has increased. River water quality monitored for ESA/BO. Reporting this monitoring could be improved in a consolidated place for the different entities
Y	4	4	R5-3—Protect Water from Contamination (A-47, A-50-Well Head Protection)	10.2.5 Water Quality	Improved reporting would be helpful for the AG community. Sediment is also a contaminant concern that can be often overlooked in testing and reporting
S	1	4	R6-1—Riparian Habitat Restoration (A-1, A-2)	10.2.6 Bosque and Other Riparian Habitats	1,000 acres of 30,000 have been restored (creating minnow habitat). Bosque del Apache has been seeing improvements in available water with non-native removal
S	3	4	R6-3—River Restoration (A-63)	10.2.6 Bosque and Other Riparian Habitats	Restoring natural flow patterns, flood banks, etc. Lot of ESA work has happened towards this.
S	2	3	R6-2—Constructed Wetlands (A-36)	10.2.6 Bosque and Other Riparian Habitats	Valle del Oro project and other projects in Metro ABQ, but not happening in other areas. C
			<i>Vegetation Removal Products</i>	10.2.6 Bosque and Other Riparian Habitats	Create market for removed material
			R6-4—Recognize the Importance of Healthy Native Ecosystems of the Rio Grande and its Tributaries (Goal B)	10.2.6 Bosque and Other Riparian Habitats	GOAL
N	1	4	R7-1—Implement Upstream Surface Water Storage (A-45)	10.2.7 Water Storage to Reduce Evaporative Losses	Reauthorize reservoir storage. Utton center study from 5-7 years ago looked at this (but not favorable). Lots of red tape to implement this, can't build new reservoirs. Favorable idea, but difficult to implement

Project Complete Y = Yes N = No S = started	Effectiveness 1 = not effective 5 = very effective	Priority 1 = low priority 5 = high priority	Alternative name	Category (Chapter 10 Section)	Steering Committee Discussion Comments
Y	4	4	R7-4—Water Modeling (A-38, A-143, A-144)	10.2.7 Water Storage to Reduce Evaporative Losses	URGWOM
S	2	3	R7-2—Implement Upstream Aquifer Water Storage (A-46)	10.2.7 Water Storage to Reduce Evaporative Losses	Aquifer storage is happening in several places, but not necessarily upstream
S	2	3	R7-3—Implement Aquifer Storage and Recovery for Drought (A-46)	10.2.7 Water Storage to Reduce Evaporative Losses	Take surplus surface flows and inject. The wording of “Drought” and “Upstream” are misleading on these alternatives.
N	1	1	R8-1—Develop New Water Supplies through Desalination (A-39)	10.2.8 Desalination and Transfer of Water	Sandoval Co. investigated this option, but it was not economical
N	1	1	R8-2—Investigate the Potential for Importing Water (A-69)	10.2.8 Desalination and Transfer of Water	
Y	5	1	R8-3—Undeclared Water (A-39, A-69, A-143)	10.2.8 Desalination and Transfer of Water	This was done
Y	4	4	R9-1—Develop a Water Education Curriculum for Schools (A-56)	10.2.9 Public Education	ABQ and Rio Rancho has good progress on this, more needed in other communities
Y	4	4	R9-2—Implement Adult Public Education Programs	10.2.9 Public Education	
N	1	1	<i>Weather Modification (A-42)</i>	10.2.9 Public Education	
S	0	0	<i>Vegetation Management (A-40)</i>	10.2.9 Public Education	<i>Duplication of other alts</i>