

Supporting Document E-7

Tracking the Alternatives (short version)

Original Number	Original Base Listing of Suggested Actions	Category	Id No.	Consolidated Actions	Rated & Redefined Actions	Category	Alternative Actions
33	Remove Non-Native vegetation from Bosque	River/Bosque Management	A-1	Restore Bosque "mosaic" and manage vegetation in the Bosque to reduce evapotranspiration	Restore Bosque "mosaic" and manage vegetation in the Bosque to reduce evapotranspiration by selectively removing vegetation and promoting native plants.	Increase Water Supply	Restore Bosque habitat and manage vegetation in the Bosque to reduce evapotranspiration by selectively removing vegetation and promoting native plants.
65	Vegetation management to reduce evapotranspiration						
66	Brush removal program						
124	Restore native vegetation						
126	String of pearls - regenerate native plant areas						
170	Vegetation management for fire control						
202	Develop and implement avenues for Bosque restoration and recreational use						
67	Wood harvesting/reuse	River/Bosque Management	A-2	Develop economic potential of non-native species removal	Develop economic potential of non-native species removal, harvesting, and output of products by local industries.	Increase Water Supply	Develop economic potential of non-native species removal, harvesting, and output of products by local industries.
130	Develop economic potential of non-native species removal						
121	Maintain permanent stock of Rio Grande Silvery Minnow	River/Bosque Management	A-3	Maintain biodiversity	DEFERRED FROM FURTHER ACTION		
122	Construct fish bypasses at dams below Cochiti						
123	Distribute downstream flow to prevent dryness in river						
171	Maintain biodiversity						
160	Develop linked green belts, not just checkerboard green areas						
32	Remove Jetty Jacks	River/Bosque Management	A-4	Remove river flow impediments	DEFERRED FROM FURTHER ACTION		
36	Improve levees, bridges and other structures in the flood plain						
118	Low flow conveyance channel below San Acacia						
34	Allow over-bank flooding	River/Bosque Management	A-5	Mimic the natural hydrograph	DEFERRED FROM FURTHER ACTION		
120	Seasonal over bank flooding into the Bosque						
125	Allow for over-bank flooding to restore Bosque health and promote native vegetation						
127	Restore the natural hydrograph						
35	Keep future development out of the floodplain	River/Bosque Management	A-6	Control floodplain development	DEFERRED FROM FURTHER ACTION		
128	Broaden the flood plain						
129	Ordinances against building in the 100 year flood plain						
58	Meter surface water distribution/return flows	Agricultural, Cultural and Historic Use	A-7	Meter surface water distribution flows	Meter and manage surface water distribution flows through all irrigation systems to conserve water.	Decrease or Regulate Demand	Meter and manage surface water distribution flows through all irrigation systems to conserve water.
159	Meter return flows						
267	Meter agricultural water turn-outs						
72	Meter all wells	Agricultural, Cultural and Historic Use	A-8	Meter all wells	Meter all wells, including domestic wells, throughout the water planning region.	Decrease or Regulate Demand	Meter all water supply wells, including domestic wells, throughout the water planning region.
97	Meter domestic wells						
232	Meter domestic wells. The cumulative effect should be considered.						

60	Reduce or eliminate conveyance loss (pipelines replacing ditches)	Agricultural, Cultural and Historic Use	A-9	Develop conveyance alternatives for water transportation	Develop conveyance alternatives for water transportation in agricultural irrigation systems.	Decrease or Regulate Demand	Develop conveyance alternatives for water transportation in agricultural irrigation systems.
134	Study lined vs. unlined ditches for overall effect, not just water savings						
151	Develop alternatives to concrete lined ditches to minimize transportation losses						
265	Develop alternatives to the current agricultural conveyance system to reduce evaporation and infiltration losses						
61	Improved application such as drip irrigation and laser leveling	Agricultural, Cultural and Historic Use	A-10	Develop and employ alternatives for irrigation efficiency	Develop and employ alternatives to maximize irrigation efficiency on all agricultural croplands in the region.	Decrease or Regulate Demand	Develop and employ alternatives to maximize irrigation efficiency on all irrigated land in the region.
174	Leveling of irrigated land of smaller plots						
59	Convert to alternative, low water crops	Agricultural, Cultural and Historic Use	A-11	Develop markets for alternative crops.	Develop local markets for locally-grown produce, and low-water alternative crops.	Change Water Use	Develop local markets for locally grown produce, and low-water alternative crops.
64	Establish greenhouse industries						
136	Develop local markets to support farming/acequias						
158	Encourage organic truck farming						
137	Change the cost share rules for acequias on conservation projects	Agricultural, Cultural and Historic Use	A-12	Strengthen Acequia governance	DEFERRED FROM FURTHER ACTION		
138	Encourage acequias to have by-laws and become political subdivisions						
139	Develop a regional association of ditch associations						
140	Promote hands-on experience about acequias to the public	Agricultural, Cultural and Historic Use	A-13	Educate the public as to the cultural and ecological value of acequias	DEFERRED FROM FURTHER ACTION		
141	Educate the public as to the cultural and ecological value of acequias						
142	Encourage the Acequia Commission to be more active and proactive						
235	Recognize historical importance of acequias; preserve and protect acequias.						
63	Clear wooded areas and convert to agricultural lands	Agricultural, Cultural and Historic Use	A-14	Clear wooded areas and convert to agricultural lands.	DEFERRED FROM FURTHER ACTION		
41	Use aquifer water for drinking only	Urban Water Management	A-15	Continue to draw deep-well water for drinking purposes	Preserve, but continue to draw deep-well water for drinking purposes only.	Implementation of Plan - Management	Preserve, but continue to draw deep-well water for drinking purposes only.
88	Continue to draw deep-well water for drinking purposes						
85	Minimize use of chemical disinfectants in water supplies	Urban Water Management	A-16	Ensure excellent water quality when new sources are added to system, with minimal use of chemicals.	DEFERRED FROM FURTHER ACTION		
92	Ensure continued water quality when new sources are added to system						
89	Maintain state-of-the-art laboratories for water testing	Urban Water Management	A-17	Upgrade and maintain state-of-the-art laboratories for biological and chemical water testing	DEFERRED FROM FURTHER ACTION		
175	Upgrade biological and chemical testing labs						
7	Adopt and implement local water conservation policy plans						
49	Mandate and/or develop local conservation programs						
51	Institute low water landscape regulations and standards						

75	Require xeriscaping in new or rebuilt development	Urban Water Management	A-18	Adopt and implement local water conservation plans and programs.	Adopt and implement local water conservation plans and programs in all municipal and county jurisdictions, including drought contingency plans. [INCORPORATES A-65]	Decrease or Regulate Demand	Adopt and implement local water conservation plans and programs in all municipal and county jurisdictions, including drought contingency plans.						
76	Develop community parks to substitute for individual turf lawns												
135	Create incentives to save water												
147	Ban sod lawns												
149	Strengthen conservation regulations for new development												
184	Municipalities develop and implement residential landscape codes												
200	Identify obstacles to retrofitting non water efficient buildings and landscaping and create incentives to overcome those obstacles.												
210	Work with hospitality industry to promote permanent conservation policies												
211	Research better lawn irrigation delivery systems	Urban Water Management	A-19	Build centralized water delivery systems to limit the number of domestic wells	DEFERRED FROM FURTHER ACTION								
244	Encourage two water lines to each commercial and residential lot. One for internal domestic use and one for external use. (internal use would be highly filtered water while external use would be a form of grey water.												
69	Restrict or increase cost of water used for golf courses and high water use recreation												
50	Utilize variety of conservation-oriented water pricing mechanisms (inverted block rate, etc.)							Urban Water Management	A-20	Set water restrictions and increase the cost of water above restrictions for golf courses and high water use recreation	COMBINED WITH A-21		
50	Utilize variety of conservation-oriented water pricing mechanisms (inverted block rate, etc.)							Urban Water Management	A-21	Examine a variety of conservation-oriented water pricing mechanisms and utilize those most effective at conserving water. The mechanisms to be examined include: a. Price water to reflect the true value; b. Institute a moderately increasing block price schedule; c. Institute a steeply increasing block price schedule	Examine a variety of water pricing mechanisms and adopt those that are most effective at conserving water. The mechanisms to be examined include: a) price water to reflect the true value; b) institute a moderately increasing block price schedule; c) institute a steeply increasing block price schedule; and d) other feasible incentives and subsidies for conserving water. [INCORPORATES A-20] [INCORPORATES A-57]	Decrease or Regulate Demand	Examine a variety of water pricing mechanisms and adopt those that are most effective at conserving water. The mechanisms to be examined include: a) price water to reflect the true value; b) institute a moderately increasing block price schedule; c) institute a steeply increasing block price schedule; and d) other feasible incentives and subsidies for conserving water.
150	Price water to reflect the true value												
177	Apply conservation oriented step pricing for water												
190	Pricing: move from fixed per-unit uniform rates to a moderately increasing block price schedule												
191	Pricing: move from fixed per-unit uniform rates to a steeply increasing block price schedule												
246	Municipal water charges should be designed to encourage water conservation, maintain and upgrade water systems without diversion to other city departments.	Urban Water Management	A-22	Provide subsidies for adoption of water efficient technologies.	Provide local government programs that offer subsidies for adoption of water efficient technologies and utilization of water saving devices.	Decrease or Regulate Demand	Provide local government programs that offer subsidies for adoption of water efficient technologies and utilization of water saving devices.						
52	Installation of water-saving devices												
187	Provide subsidies for adoption of water efficient technologies												
189	Offer free low flow showerheads and rebates for adoption of low flow toilets	Urban Water Management	A-23	Establish household specific water allocations with various penalties for non compliance	DEFERRED FROM FURTHER ACTION								
188	Establish household specific water allocations with various penalties for non compliance												
162	Encourage greywater systems	Urban Water Management	A-24	Promote, through incentives, on-site residential and commercial greywater reuse and rainwater harvesting.	Promote, through incentives, on-site residential and commercial greywater reuse.	Increase Water Supply	Promote, through incentives, on-site residential and commercial greywater reuse and recycling						
201	Promote, through incentives, residential and commercial greywater reuse and rainwater harvesting												
74	Require water recycling and reuse in specific industries	Urban Water Management	A-25	Require the use of recycled water in specific industries	DEFERRED FROM FURTHER ACTION								

78	Expand use of centralized wastewater collection and treatment systems	Urban Water Management	A-26	Expand use of centralized wastewater collection and treatment systems	Expand use of centralized wastewater collection and treatment systems into all areas of urban and suburban development within the water planning region.	Water Quality Protection	Expand use of centralized wastewater collection and treatment systems into all areas of urban and suburban development within the water planning region.
209	Establish local wastewater treatment systems to eliminate septic tanks.						
79	Convert wastewater systems for recycling and reuse	Urban Water Management	A-27	Reuse treated wastewater.	Reuse treated wastewater for non-potable municipal uses.	Increase Water Supply	Reuse treated wastewater for non-potable uses.
83	Develop facilities to treat and use non-potable water						
84	Develop facilities to utilize sewage effluent for non-potable use						
70	Increase building densities (multi-family housing)	Urban Water Management	A-28	Increase building densities (as compared to typical suburban density) and infill development.	Increase building densities (as compared to typical suburban density) and infill development through adoption of local government land use policies and regulations.	Change Water Use	Increase building densities (as compared to typical suburban density) and infill development through adoption of local government land use policies and regulations.
71	Increase infill development						
178	Redevelop Brownfields						
183	Develop land at higher densities and in patterns that use less water than typical suburban development						
245	Encourage infill by reducing new service charges						
163	Improve the quality of our economic development, not just the quantity of jobs	Urban Water Management	A-29	Identify and promote low water using economic development	Identify and promote low water-using industries and conservation-oriented economic development	COMBINED WITH A-52	
164	Promote quality development instead of growth						
165	Identify type of economic growth that we want, and that which we do not want						
167	Involve business groups in developing responsible economic development						
168	Improve basic education in the region so that we can attract the industry we want						
169	Promote industries that are low water use, high wage industries						
181	Conservation-oriented economic development						
4	Integrate or create linkages between water management and land use plans	Watershed Management	A-30	Integrate land use planning and water resource management	Adopt policies to integrate land use planning and water resource management in all government jurisdictions in the Middle Rio Grande water planning region.	Change Water Use	Adopt policies to integrate land use planning and water resource management in all government jurisdictions in the Middle Rio Grande water planning region.
8	Review/approve land development plans for water resource impact at all levels of government						
16	Develop land use policies that support water plan goals						
15	Use transfer of development rights to protect sensitive areas						
68	Land Use management to minimize water consumptive development	Watershed Management	A-31	Develop regional growth management plans to reduce water consumption and minimize impact on water resources	COMBINED WITH A-52		
185	Develop growth management plans on a regional level to determine and reduce future regional water demands.						
186	Manage growth and develop land in areas that has the least impact on surface and groundwater quality and recharge/						
17	Pinion-Juniper woodland maintenance	Watershed Management	A-32	Manage forested mountains and uplands to retain runoff and increase infiltration	COMBINED WITH A-33		
42	Mountains and uplands recharge enhancement						
19	Establish erosion prevention measures - check dams and revegetation	Watershed Management	A-32	Establish erosion prevention measures and use soil and vegetation management techniques to reduce runoff and	Establish erosion prevention measures and use soil and vegetation management techniques to reduce runoff and	Increase Water Supply	Establish erosion prevention measures and use soil and vegetation management techniques to reduce runoff and
20	Establish erosion prevention measures - limit impervious cover						

21	Establish erosion prevention measures - on-site detention of runoff	Watershed Management	A-33	Use soil management techniques to reduce runoff and increase infiltration	to reduce runoff and increase infiltration throughout the watershed, including forested mountains and uplands. [INCORPORATES A-32]	Increase Water Supply	techniques to reduce runoff and increase infiltration throughout the watershed, including forested mountains and uplands.
207	Manage soil surfaces for maximum percolation						
231	Protect aquifer recharge zones						
38	Capture and use storm water runoff	Watershed Management	A-34	Enhance & expand local government programs to control storm water runoff using swales, terraces, and retention structures to minimize erosion and enhance infiltration/recharge	Enhance and expand local government drainage plans and programs to control storm water runoff using swales, terraces, and retention structures to minimize erosion, enhance infiltration and recharge, and prevent pollution of surface and ground water. [INCORPORATES A-35]	Increase Water Supply	Enhance and expand local government storm water plans and programs to control runoff using swales, terraces, and retention structures to minimize erosion, enhance infiltration and recharge, and prevent pollution of surface and ground water.
77	Storm water management to reduce runoff and minimize erosion						
180	Swales and terraces						
39	Enhance infiltration in natural drainage courses and basins						
143	Stop paving arroyos						
144	Set impervious cover limitations in high infiltration areas						
179	Infiltration galleries						
148	Promote porous paving parking lots/driveways						
152	Concrete line ditches only where appropriate						
91	Storm water pollution management programs in all local governments						
172	Create constructed wetlands to deal with wastewater and storm runoff	Watershed Management	A-36	Create constructed wetlands for groundwater recharge, water harvesting, and habitat improvement, and hydrological management of the Rio Grande	Create constructed wetlands where feasible for groundwater recharge, water harvesting, and habitat improvement, and hydrological management of the Rio Grande.	Increase Water Supply	Create constructed wetlands where feasible for groundwater recharge, and habitat improvement, and hydrological management of the Rio Grande.
173	Create constructed wetlands for groundwater recharge, water harvesting, and habitat improvement, and hydrological management of the Rio Grande						
196	Preserve and enhance water quality and the river ecosystem through building a water infiltration plant and through wetland construction						
253	Development of new well fields north of Albuquerque to Cochiti Dam	Public Policy Actions	A-37	Buy water from Pueblos north of Albuquerque	COMBINED WITH A-69		
255	Protection of excess water flow from Elephant Butte Reservoir during wet cycles	Public Policy Actions	A-38	Protection of excess water flow from Elephant Butte Reservoir during wet cycles	Protection of excess water flow from Elephant Butte Reservoir during wet cycles.	Increase Water Supply	Increase monitoring and modeling of surface water system to improve water management at the watershed level, and retain excess water flow from Elephant Butte Reservoir during wet cycles. [INCORPORATES A-41]
259	Promote and use technological advances for treating saline and brackish waste	Groundwater Aquifer Management	A-39	Promote and use technological advances for treating saline and brackish water	Utilize technological advances for treating deep saline and brackish water for potable or non-potable use in the region.	Increase Water Supply	Utilize technological advances for treating deep saline and brackish water for potable or non-potable use in the region.
22	Continue evapotranspiration studies	Watershed Management	A-40	Continue evapotranspiration studies and apply findings to vegetation management	Continue evapotranspiration studies and apply findings to vegetation management programs in the water planning region.	Increase Water Supply	Continue evapotranspiration studies and apply findings to vegetation management programs in the water planning region.
23	Increase monitoring and modeling of surface water system	Watershed Management	A-41	Increase monitoring and modeling of surface water system to improve water management	Increase monitoring and modeling of surface water system to improve water management at the watershed level.	Increase Water Supply	COMBINED WITH A-38
26	Utilize state & federal labs to conduct water supply enhancement research	Watershed Management	A-42	Utilize State & Federal labs to conduct research on water supply enhancement techniques such as weather modification	Utilize State & Federal labs to conduct research on innovative water supply enhancement techniques such as weather modification.	Increase Water Supply	Conduct research on innovative water supply enhancement techniques such as weather modification.
44	Apply weather modification techniques to increase precipitation						
261	Cloud seeding						

48	Importation of water from other basins	Watershed Management	A-43	Import water from other basins where possible	COMBINED WITH A-69		
105	Adopt regulations for inter-basin water transfers						
161	Encourage water harvesting	Watershed Management	A-44	Encourage on-site water harvesting	Encourage on-site rainwater harvesting	Increase Water Supply	Encourage on-site rainwater harvesting
18	Manage storage reservoirs to lower evaporation	Watershed Management	A-45	Reduce open water evaporation in storage reservoirs by retaining water at higher elevations or latitudes, or by reducing surface areas	Reduce open water evaporation in storage reservoirs by retaining water at higher elevations or latitudes, or by reducing surface areas.	Increase Water Supply	Reduce open water evaporation in storage reservoirs by retaining water at higher elevations or latitudes, or by reducing surface areas.
29	Develop low-evaporation storage reservoirs						
30	Build or expand capacity of high-altitude dams						
43	Minimize evaporation from surface waters						
182	Reduce evaporation on open water using a cover such as solar panels						
243	Reduce Evaporation with the use of solar arrays (Shade the lake, produce electricity and create an industry)						
247	Consider alternative methods of storing water in Elephant Butte to reduce the evaporation. (Such as moving water storage up north, recharging underground aquifers, etc.)						
263	Optimization and efficiency of operation in Northern New Mexico reservoirs.						
37	Inject water for aquifer storage	Groundwater Aquifer Management	A-46	Inject water for aquifer storage that has been treated to drinking water standards	Inject water treated to drinking water standards for aquifer storage in appropriate locations throughout the water planning region.	Increase Water Supply	Inject water treated to drinking water standards for aquifer storage in appropriate locations throughout the water planning region.
90	Treat all injected water to drinking water standards						
81	Identify and monitor contamination sources	Groundwater Aquifer Management	A-47	Identify, protect and monitor areas vulnerable to contamination	Identify, protect and monitor areas vulnerable to contamination and restrict domestic wells in sensitive areas. [INCORPORATES A-48]	Water Quality Protection	Identify, protect and monitor areas vulnerable to contamination (quality issue) and restrict groundwater supply wells in sensitive areas.
82	Identify and protect areas vulnerable to contamination						
87	Conduct public health impact analysis on all water facilities						
95	Restrict domestic wells in critical areas	Groundwater Aquifer Management	A-48	Restrict domestic wells in sensitive areas	COMBINED WITH A-47 COMBINED WITH A-61		
56	Establish and maintain water-banking program	Public Policy Actions	A-49	Establish and maintain water-banking program	COMBINED WITH A-67		
106	Adopt comprehensive state law on water banking						
62	Water leasing programs for conserved water						
248	Water banking legislation						
80	Establish wellhead protection programs on all public water supply wells	Groundwater Aquifer Management	A-50	Establish wellhead protection programs on all public water supply wells	Establish wellhead protection programs on all public water supply wells within local government jurisdictions.	Water Quality Protection	Enforce wellhead protection programs on all public water supply wells within local government jurisdictions.
226	Charge Texas for banking their compact water	Public Policy Actions	A-51	Account for evaporation losses and charge Texas for banking their compact water	Establish more equitable accounting for evaporative losses in Rio Grande Compact water.	Water Rights	Establish more equitable accounting for evaporative losses in Rio Grande Compact water.
176	Develop a methodology for sustainable growth management	Public Policy Actions	A-52	Develop, adopt and implement a sustainable and coordinated growth plan in the middle Rio Grande.	Develop, adopt and implement a sustainable and coordinated growth management plan for local governments in the middle Rio Grande region in order to reduce water consumption and minimize impact on water resources. [INCORPORATES A-31]	Implementation of Plan - Management	Develop a sustainable and coordinated growth management plan for adoption and implementation by local governments in the middle Rio Grande region in order to: 1) reduce water consumption; 2) minimize impact on water resources; 3) encourage conservation-oriented economic development; and 4) ensure adequate water supplies for any
197	Implement water-based managed growth.						
206	Develop a sustainable growth plan						
215	Public policy must be consistent with the available resources						
217	Water and the availability of water must drive land use and planning						
219	Each community must have the ability to determine its own highest and best use of land and water						
220	Promote small community autonomy, with or without incorporation						

240	Integrate future water use & Development within a comprehensive Land Use Plan and Zoning in the City and County						incorporate water supply for proposed development.
55	Public information/education program	Public Policy Actions	A-53	Through open and inclusive processes, ensure public involvement in water planning by establishing regular public information/dissemination program and public relations campaign, and citizen planning committees. Keep the public engaged.	Through open and inclusive processes, ensure public involvement in water planning by establishing regular public information/dissemination program and public relations campaign, and citizen planning committees. Keep the public engaged in this process.	Decrease or Regulate Demand	Through open and inclusive processes, ensure public involvement in water planning by continuing regular public information/dissemination programs and public relations campaigns, and citizen planning committees. Keep the public engaged in this process.
111	Ensure unlimited stakeholder involvement in water planning process						
112	Establish public information/education program						
113	Require all water planning meetings to be subject to Open Meetings Act						
114	Promote public involvement in water planning						
116	Develop videotapes for TV broadcast and mass distribution						
146	Improve regional awareness of water systems						
203	Educate and involve the public in the planning process (aka, build the political will)	Public Policy Actions	A-54	Develop and implement public and private school (K-12) curriculum on water in the middle Rio Grande.	Develop and implement public and private school (K-12) curriculum on regional water resources and conservation strategies in the middle Rio Grande watershed.		COMBINED WITH A-56
117	Develop public school curriculum on water use efficiency and conservation						
204	Create "micro-environment" water conservation outreach programs for youth groups.						
145	Establish yearly reports on aquifer health	Public Policy Actions	A-55	Establish an annual program of water status reports including aquifer health.	DEFERRED FROM FURTHER ACTION		
193	Establish regional campaigns to encourage voluntary conservation.	Public Policy Actions	A-56	Establish regional programs to encourage voluntary conservation of water.	Establish region-wide educational programs to encourage voluntary conservation of water.	Decrease or Regulate Demand	Establish region-wide educational programs, including public and private school curricula, to encourage voluntary conservation of water. [INCORPORATES A-54]
198	Create a comprehensive conservation plan developed by all regional stakeholder groups.						
241	Encourage conservation in public restrooms.						
98	Institutional incentives and subsidies for conserving water	Public Policy Actions	A-57	Institute incentives and subsidies for conserving water.	COMBINED WITH A-21		
199	Establish conservation credits.						
238	Conservation should be rewarded rebates for replacing existing fixtures to newer more efficient ones.						
242	Conservation oriented urban pricing reform						
94	Dedicated and continuing funding to maintain state and regional water plans	Public Policy Actions	A-58	Dedicate and continue funding for Regional Water Planning	Dedicate and continue funding for Regional Water Planning as an ongoing process and as a basis for water management at local, regional and state levels.	Funding	Establish dedicated and continuing funding for Regional Water Planning as an ongoing process and as a basis for water management at local, regional and state levels.
264	Establish State-based severance tax for water planning and conservation	Public Policy Actions	A-59	Establish State-based severance tax for water planning and conservation	Establish a State-based severance tax for water planning and conservation.	Funding	Establish a State-based water severance tax for water projects, planning and conservation.
132	Fund acequias to help with water conservation programs	Agricultural Cultural Historic	A-60	Fund acequias to help with water conservation programs.	Fund acequias to develop and implement water conservation programs.	Decrease or Regulate Demand	Fund acequias to develop and implement water conservation programs.
96	Reduce allowed pumping from domestic wells from 3afy to 0.50 or 0.33afy	Public Policy Actions	A-61	Legislate a reduction of pumping from private domestic wells	Legislate a reduction of pumping limitations from all private domestic wells.	Decrease or Regulate Demand	Reduce the allowed pumping from domestic wells and restrict drilling of domestic wells where surface waters or the aquifer could be impaired.
192	Adopt a mandatory water allocation policy based, in part, upon historical household water use pattern	Public Policy Actions	A-62	Adopt mandatory water use allocation policy based, in part, upon household historical use patterns.	DEFERRED FROM FURTHER ACTION		
119	In-stream flow defined as beneficial use	Public Policy Actions	A-63	Change state water law to include in-stream flow as a beneficial use	Change state water law to include in-stream flow as a beneficial use.	Water Rights	Change state water law to include in-stream flow as a beneficial use.
157	Declare instream use a beneficial use						

133	Acequia parciales - informed prior to any effort to sell water rights - first option to buy?	Public Policy Actions	A-64	Adopt Acequia Parciales Regulation that allows Acequia Association to Purchase Water Rights with a first right of refusal.	DEFERRED FROM FURTHER ACTION		
216	Water rights must be tied to the land.						
5	Adopt and implement regional drought emergency contingency plan	Public Policy Actions	A-65	Adopt and implement local and regional drought emergency contingency plans.	COMBINED WITH A-18		
6	Adopt and implement local drought emergency contingency plans						
3	Develop and implement watershed management plans	Public Policy Actions	A-66	Implement local/regional watershed management plans.	Implement local and regional watershed management plans through all water agencies in the planning area.	Increase Water Supply	Implement local and regional watershed management plans through all land and water agencies in the planning area.
2	Develop and implement local water resource management plans [INCLUDE IN A-67]	Public Policy Actions	A-67	Establish a regional water management authority	Establish a regional water management authority to provide professional water resource management and to administer or assist in a water banking program. [INCORPORATES A-49]	Implementation of Plan - Management	Establish a regional water management authority to provide professional water resource management and to administer or assist in a water banking program.
103	Establish a regional water management agency						
104	Create an independent public water policy and program oversight board						
212	Establish elective MRG Regional Water Use Authority to provide professional management of water resources.						
12	Establish regional consumptive use database						
13	Continue refinement of population and socioeconomic projections						
266	Converting the MRG Conservancy District into the MRG Water Management Agency. The MRGWMA would coordinate and participate in the restoration of the Bosque, improve the conveyance, monitor all surface-water uses, etc.						
269	Have the state (OSE/ISE) be intensely proactive in managing our overall water resource						
24	Investigate vulnerability of water systems to terrorist activities/make corrective actions	Public Policy Actions	A-68	Investigate vulnerability of water systems to terrorist activities/take corrective actions.	DEFERRED FROM FURTHER ACTION		
249	Acquisition of Pre-1907 water rights in San Acacia Socorro Region	Public Policy Actions	A-69	Acquire additional water rights without condemnation	Acquire additional water rights without condemnation from various sources from within or outside the water planning region, and import water from other basins where possible. [INCORPORATES A-37] [INCORPORATES A-43]	Increase Water Supply	Acquire additional water rights without condemnation from various sources from within or outside the water planning region, and import water from other basins where possible.
250	Acquisition of MRGCD San Juan Chama Water Rights						
251	Acquisition of consumptive use water rights of Colorado River Basin Compact						
252	Sale or lease of water rights from Navajo Tribe						
254	Purchase or lease of fresh and saline water rights in Southern San Juan Basin and development of delivery systems						
256	Purchase of water rights in Southern Colorado						
262	Long term lease strategies with New Mexico Tribal governments						
236	Strengthen property rights regarding condemnation NEPA process	Public Policy Actions	A-70	Make water rights a non-condemnable resource	DEFERRED FROM FURTHER ACTION		
228	Make water rights a non-condemnable resource						
47	Quantification of water rights	Public Policy Actions	A-71	Identify, quantify, and adjudicate all water rights and all wet water quantities.	Identify, quantify, and adjudicate all water rights and all wet water quantities in the water planning region.	Water Rights	Identify, quantify, and adjudicate all water rights and all wet water quantities in the water planning region.
46	Identification of water rights and wet water availability						
101	Adjudicate the waters of the Middle Rio Grande Basin						
107	Quantification of Indian water rights						
268	Press for an alternative means for water rights dispute resolution that will be faster than the current approaches to adjudication						
213	Promote expeditious implementation of City's Water Resources Management Strategy	Public Policy	A-72	Promote expeditious implementation of City's Water Resources	DEFERRED FROM		

260	The City of Albuquerque's San Juan Chama drinking water strategies must be specifically stated in the alternatives.	Actions		Management Strategy including the San Juan Chama Strategy.	FURTHER ACTION		
9	Create and maintain regional GIS database for water resource management	Data Collection	A-73	Integrate a regional Geographical Information System (GIS) database of publicly accessible information on water resources and photo imagery	Establish and integrate a regional Geographical Information System (GIS) database of publicly accessible information on water resources and photo imagery covering the water planning region.	Implementation of Plan - Management	Establish and integrate a regional Geographical Information System (GIS) database of publicly accessible information on water resources and photo imagery covering the water planning region.
10	Provide for public access to GIS data for water management						
11	Increased use of satellite imagery for water resource evaluation						
27	Increased use of survey research on water issues to gauge public opinion	Data Collection	A-74	Increased and continued use of survey research on water issues to gauge public opinion	DEFERRED FROM FURTHER ACTION		
1	Develop and implement a regional water plan		A-75	DEFERRED FROM FURTHER ACTION			
14	Investigate watershed vegetation management for implementation purposes		A-76	DEFERRED FROM FURTHER ACTION			
31	Bosque restoration		A-77	DEFERRED FROM FURTHER ACTION			
40	Utilize non-potable surface water for municipal/industrial use		A-78	DEFERRED FROM FURTHER ACTION			
53	Reducing water waste		A-79	DEFERRED FROM FURTHER ACTION			
54	Water re-use - potable and non-potable		A-80	DEFERRED FROM FURTHER ACTION			
57	Improve agricultural irrigation efficiency		A-81	DEFERRED FROM FURTHER ACTION			
166	Clean up the region so that we can attract the industry we want		A-82	DEFERRED FROM FURTHER ACTION			
208	ID experts to present information on urban alternative action ideas		A-83	DEFERRED FROM FURTHER ACTION			
108	Provide system for refinancing water-related public debt in the event of a drought		A-84	DEFERRED FROM FURTHER ACTION			
28	Evaluate relative merits of state vs. federal control of water/vs... local or regional control		A-85	DEFERRED FROM FURTHER ACTION			
73	Make sub-basin autonomous basins		A-86	DEFERRED FROM FURTHER ACTION			
93	Construct effluent pipelines to bypass sensitive recreational and environmental reaches of the river		A-87	DEFERRED FROM FURTHER ACTION			
99	Expand definition of beneficial use to include short-term water trading		A-88	DEFERRED FROM FURTHER ACTION			
153	Give more political and legal authority to land use and water plans		A-89	DEFERRED FROM FURTHER ACTION			
109	Aggressively encourage openness to replace court gag orders in all conflict resolution		A-90	DEFERRED FROM FURTHER ACTION			
131	Support systems which values water as common property, not a commodity		A-91	DEFERRED FROM FURTHER ACTION			
102	Establish an open (historic) file on all litigation regarding water rights in the Middle Rio Grande Region		A-92	DEFERRED FROM FURTHER ACTION			
205	Establish patterns of urban development to capitalize on harvesting rainfall where it falls.		A-93	DEFERRED FROM FURTHER ACTION			
25	Investigate the physical effects of ground water mining on aquifer		A-94	DEFERRED FROM FURTHER ACTION			
86	Plug and seal all abandoned wells		A-95	DEFERRED FROM FURTHER ACTION			
194	Require standards for groundwater/drinking water well construction		A-96	DEFERRED FROM FURTHER ACTION			
154	Control high water use industry		A-97	DEFERRED FROM FURTHER ACTION			
257	Eliminate water rights evaporation debit from the MRG basin		A-98	DEFERRED FROM FURTHER ACTION			
155	Enabling legislation for land trusts.		A-99	Establish regional land trusts.	DEFERRED FROM FURTHER ACTION		
110	Establish regional web site to provide water planning data and information exchange		A-100	Conduct Water Assembly Annual Regional Conferences in the Middle Rio Grande. Keep the WA Web site active.	DEFERRED FROM FURTHER ACTION		
115	Conduct annual regional water conferences (i.e. Water Assembly)						
237	We should encourage the privatization of utility companies.		A-101	Encourage the privatization of utility companies	DEFERRED FROM FURTHER ACTION		
100	Increase funding to Middle Rio Grande Conservancy District		A-102	DEFERRED FROM FURTHER ACTION			
214	Make the MRG a critical management area		A-103	DEFERRED FROM FURTHER ACTION			
156	Enhance the green belt tax exemption		A-104	DEFERRED FROM FURTHER ACTION			
195	Use of mulch bales for better water retention		A-106	Enhance water-holding capacity of soils	DEFERRED FROM FURTHER ACTION		
218	Agricultural water uses have values that surpass immediate economic costs		A-133	DEFERRED FROM FURTHER ACTION			

258	Changes to water laws			DEFERRED FROM FURTHER ACTION			
221	Make watershed health and maintenance a high priority, for both public and private lands			DEFERRED FROM FURTHER ACTION			
222	End all "dedicated" water rights		A-134	DEFERRED FROM FURTHER ACTION			
223	OSE shall make determinations of water rights priority without transfer		A-135	DEFERRED FROM FURTHER ACTION			
224	The Federal government must abide by State water right determinations		A-136	DEFERRED FROM FURTHER ACTION			
225	New Mexico must defend our water right from other claimants (Texas, etc.)		A-137	DEFERRED FROM FURTHER ACTION			
227	Maintain the MRG green belt between the MRGCD's highline canals.		A-138	DEFERRED FROM FURTHER ACTION			
229	Agricultural users shall have access and use of governmental technical support for conservation; ie, laser leveling, concrete lining of small ditches, etc. Incentives		A-139	DEFERRED FROM FURTHER ACTION			
230	Explore re-use alternatives		A-140	DEFERRED FROM FURTHER ACTION			
233	Solving our water crisis by curtailing as uses creates future food crisis		A-140	DEFERRED FROM FURTHER ACTION			
234	Consider the effects of well cones of depression on the percolation rates of ag uses			DEFERRED FROM FURTHER ACTION			
239	Truncate existing planning and zoning boundaries to the actual title description		A-142	DEFERRED FROM FURTHER ACTION			
270	Encourage active water resource management by the State Engineer (OSE/ISC).		A-143			Water Rights	Encourage active water resource management by the State Engineer (OSE/ISC).
271	Address groundwater/ surface water interactions in the statutes for administering water rights		A-144			Water Rights	Address groundwater/ surface water interactions in the statutes for administering water rights
272	Drought year agricultural forbearance		A-145			Water Rights	Drought year agricultural forbearance
273	If water is saved by projects such as restoration of the Bosque, this water should remain as instream flow and have senior water rights.		A-146			Water Rights	If water is saved by projects such as restoration of the Bosque, this water should remain as instream flow and have senior water rights.