

Potential Recommendation to Consider for Inclusion in White Papers	Applicable Ecological/Hydrological Zone(s)					Implementation Entity								Effect on water quality		Cost benefit	Economic Impact (opportunity & job creation)	Legal Feasibility	Political Feasibility	Technical Feasibility	Environmental Effect	Socio-cultural Effect	Total	
	Upland	Wildland	Rural	X-Urban	Urban	Federal	State	County	City	First Nation	Acequia	Soil & Water Cons. Dist.	Private sector and/or NGO	Water gained										
1.0 General Recommendations																								
1.1 Establish OSE policy and regulations which would permit diversion for beneficial use of water that has been made available by anthropogenic changes to landscapes provided that the beneficial use does not impair existing water rights & negatively affect compact delivery obligations & has <i>adiminimus</i> or positive effect on water quantity; policy should determine in which cases a new right is necessary.	X	X	X	X	X	X									5	4	5	5	3	3	5	5	4	39
1.2 Include management of landscapes & watersheds for water resources in state, regional and local water plans	X	X	X	X	X	X	X	X	X						5	5	5	5	5	4	5	5	4	43
1.2 Establish consensus on water related landscape quality of life expectations under average & drought conditions as pertains to emergency water stages				X	X		X	X				X			3	2	3	3	5	4	5	5	5	35
1.3 Establish public education program about landscape water harvesting techniques	X	X	X	X	X	X	X	X	X	X	X	X	X		3	3	3	3	2	5	5	5	5	34
1.4 Establish landscape/watershed coordination committee to follow and facilitate recommendation implementation	X	X	X	X	X	X	X	X	X	X	X	X	X		5	5	5	5	5	3	5	5	4	42
1.5 Inventory existing laws, ordinances & regulations relevant to landscape harvesting & propose new laws & regulation as necessary	X	X	X	X	X	X	X	X	X	X	X	X	X		2	2	4	2	5	3	5	2	2	27
1.6 Create, publish & distribute landscape/watershed management manual for public & private sectors			X	X	X		X	X							2	2	4	2	5	3	5	2	2	27
1.7 Influence Federal & State Agencies to consider water to be a high priority in resource management & use oil & gas revenues for water projects	X	X				X	X								2	2	4	2	3	3	5	2	2	25
1.8 Policies, ordinances to encourage new & existing water technology enterprises				X	X			X	X						2	2	4	5	5	5	4	2	2	31
1.9 Inventory existing landscape/water projects	X	X	X	X	X	X	X	X	X	X	X	X	X											

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2.0 Restore/Manage Watersheds & Riparian Areas																							
2.1 Increase, protect & maintain mosaic of small meadows over large areas in upper montane forests including restoring natural fire regimes, prescribed burns, demonstration projects using paired plots & modification of forest plans to increase & monitor water balance	X					X	X			X			X	5	5	3	5	3	3	3	5	2	34
2.2 Ecological restoration of Tesuque, Santa Cruz & nambe upper watersheds, pilot projects	X					X	X			X				4	5	3	5	3	3	3	5	2	33
2.3 Restore riparian areas of Rio Grande above Cochiti Dam			X	X	X	??	??							3	4	3	3	3	3	4	5	3	31
2.4 Restore riparian areas in Galisteo basin	X		X	X		X	X	X	X	X	X	X	X	3	4	3	3	3	3	4	5	3	31
2.5 Restore grasslands as possible on public lands including removal of pinon & juniper; initiate demonstration projects using paired plots (e.g. Caja del Rio) to improve water balance & change mangement plans to include restoring grasslands				X		X	X			X				3	4	3	3	3	3	4	5	3	31
2.6 Manage Santa Fe River to enhance recharge & improve riparian ecosystem	X	X	X	X	X				X					2	3	4	5	5	2	3	5	5	34

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3.0 Manage Runoff																							
3.1 Ordinances & regulations requiring and/or incentives for permeable paving & sidewalks in new construction				X	X		X	X	X					2	5	5	5	5	3	5	5	2	37
3.2 Ordinances &/or requiring and/or incentives for construction of swales, check dams, infiltration galleries/ponds and other BMPs especially in critical recharge areas			X	X	X	X	X	X	X					3	5	5	5	5	3	4	5	2	37
3.3 Divert or use storm water from paved surfaces for M&I beneficial use especially in subdivisions, commercial areas & parking lots				X	X			X	X			X		3	5	4	4	2	3	5	5		31
3.4 Design surfaces for passive water capture for in situ (on site) use on both public and private lands (e.g. parks, golf courses & domestic gardens)				X	X			X	X	X		X		3	5	4	3	5	4	5	5		34
3.5 Channel storm run-off into ponds with high drain inlets				X	X			X	X			X		3	5	4	3	5	4	5	5		34
3.6 Require new curbs with outflow breaks				X	X			X	X					3	5	4	3	5	4	5	5		34
3.7 Divert storm water from paved surfaces for restoration & irrigation of landscapes especially in subdivisions, commercial areas & parking lots												X											
3.8 Replace &/or phase in permeable side walks				X	X			X	X			X		2	2	4	4	5	4	5	5	4	
3.9 Divert storm water from paved surfaces for recharge especially in subdivisions, commercial areas & parking lots				X	X			X	X			X		3	4	4	3	3	3	5	5	5	

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4.0 Manage Land Use																							
4.1 Use building codes and permitting process to encourage infill, green spaces and high density housing while ensuring affordable housing with landscape harvesting for in situ (on site) use & allowing housing complexes without parking lots				X	X			X	X	X				3	4	4	3	5	3	5	5	5	37
4.2 Preserve and increase open and green spaces with passive water capture for in situ (on site) use				X	X			X	X	X				3	5	4	3	5	4	5	5	5	39
4.3 Require multi-story parking garages in commercial areas with water harvesting				X	X			X	X					2	3	3	3	5	3	3	5	4	31
4.4 Ordinances requiring water saving and/or xeric landscaping, mulching with passive water capture for in situ (on site) use				X	X			X	X					3	5	4	4	4	4	5	5		34
4.5 Require watershed/hydro-geological based zoning to protect critical recharge zones, wetlands & riparian areas				X	X			X	X					3	5	5	4	4	3	5	5		34
4.6 Establish impact fees based on based on site analysis and hydrological impact (protect important run-off & recharge areas)				X	X			X	X					3	5	4	4	4	2	5	5		32
4.7 Inventory impermeable surface area in cities & recharge zones (hydro-geology) to determine critical eco-hydrological features and estimate changes in ET, run-off and recharge resulting from land use changes				X	X	X		X	X	X				2	2	3	2	5	4	4	2		24
4.8 Identify & inventory wetlands & riparian areas while establishing appropriate criteria for wetlands				X	X	X	??	X	X	X				2	2	3	2	5	4	4	2		24
4.9 Encourage agricultural practices & agro-ecology/crop choice that makes efficient use of water (e.g. drip irrigation)				X			X	X		X	X	??		3	4	4	3	3	3	4	4		28
4.10 Require narrow roads & single permeable sidewalks in new residential construction/sub-divisions				X	X			X	X					2	3	4	3	5	4	5	3		29
4.11 Aggressively control & limit the spread of noxious species				X	X			X	X	X				2	3	4	3	3	3	5	4		27

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5.0 Manage Water Use																							
5.1 Ordinances requiring and/or encouraging graywater systems in new construction				X	X			X	X					2	2	4	5	5	5	5	4	2	34
5.2 Ordinances requiring and/or encouraging xeric or low water use urban landscaping including parks & golf courses				X	X			X	X					3	3	4	3	5	4	5	4		31
5.3 Ordinances requiring and/or encouraging use of treated effluent or harvested water in constructions and on public landscapes				X	X			X	X					3	3	4	3	5	5	5	4		32

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<i>6.0 Manage Water Quality</i>																																													
6.1 Integrate natural flow regimes into NMED TMDL implementation plans	X	X	X				X										2	4	3	3	3	3	4	5																		27			
6.2 Strictly enforce existing regulations & strengthen regulations for discharges from CAFOs (Concentrated Animal Feed Operations) that may be located in the region to reduce pollution & enhance as necessary			X				X										0	5	5	2	5	4	5	5	5																		36		
6.3 Protect & restore wetlands on public lands	X	X	X	X	X	X	X	X	X	X							3	4	3	3	3	3	4	5																				28	
6.4 Require new subdivisions of more than 5 lots which cannot be connected to existing water systems to have community advanced treatment (wastewater) systems which can reuse treated water for landscaping				X	X			X	X								2	4	3	3	3	3	5	5																				28	
6.5 Regulate the use of chemicals (fertilizers, herbicides and pesticides) in landscaping (e.g. golf courses) & agriculture, forests & orchards to reduce or eliminate substances hazardous to human health & ecosystems & encourage the use of more environmentally friendly products	X	X	X	X	X	X	X	X	X	X							0	4	4	3	3	3	5	5																					27
6.6 Relocate and eliminate fees for waste transfer stations to encourage non-polluting disposal of waste & hazardous materials			??	X	X			X	X								0	4	3	3	5	3	5	5																				28	
6.7 Require non-toxic sealants for asphalt paving	X	X	X	X	X	X	X		X								0	5	5	2		4	5	5																				26	
6.8 Forbid grazing & water of stock in riparian areas on public lands except special designated zones	X	X					X	X		X							0	4	3	4	3	3	5	5																				27	
6.9 Sweep & clean public & private parking lots				X	X			X	X								0	4	4	3	5	5	5	5																					31