

APPENDIX O

POTENTIALLY FEASIBLE WATER MANAGEMENT STRATEGIES

Table O.1
Potentially Feasible Water Management Strategies for Wholesale Water Providers

Water Management Strategies	Regional																	Local																														
	Tarrant Reg. Water District	North TX Mun Water Dist	Trinity River Auth	Upper Trinity Reg. Water Dist	Dallas Co. PC MUD	Greater Texoma Util Auth	Fort Worth	Dallas (DWU)	Corsicana	Sabine River Authority	Sulphur River Water Dist	Upper Neches River MWA	Arlington	Argyle WSC	Athens MWA	Bartonville WSC	Bolivar WSC	Dallas County WCID #6	Denon	East Cedar Creek FWSD	Emmis	Forney	Gainesville	Garland	Grand Prairie	Lake Cities Mun Util Auth	Mansfield	Midlothian	Mustang SUD	North Richland Hills	Princeton	Rockwall	Rockett SUD	Seagoville	Sherman	Terrell	Walnut Creek SUD	Waxahachie	Weatherford	West Cedar Creek MUD	Wise Co. WSD							
Conservation*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Expansion of Existing Supplies:																																																
Continue/Increase Supplies from TRWD			X			X						X						X							X							X			X	X	X	X	X	X	X	X	X	X	X			
Continue/Increase Supplies from DWU				X												X	X				X																											
Continue/Increase Supplies from UTRWD												X		X	X									X				X																				
Continue/Increase Supplies from Fort Worth (TRWD)																							X					X																				
Continue/Increase Supplies from TRA (TRWD)																												X																				
Continue/Increase Supplies from NTMWD																			X		X								X	X						X												
Continue/Increase Supplies from TRWD (Ellis Co. Project)																																														X		
Continue/Increase Supplies from Mansfield (TRWD)																							X																									
System Operation	X						X																																									
Temporary overdraft existing lake(s)							X																																							X		
Midlothian Pipeline Expansion																											X																					
Additional Ray Hubbard yield							X																																									
Expansion of Treatment and Delivery System	X	X	X	X		X	X	X	X				X	X			X	X		X	X				X	X		X						X	X						X	X	X	X	X	X		
Add'l Lake Athens beyond Operational Yield														X																																		
Lake Palo Pinto Redistribution of Supplies																																																
Increase supply line from Dallas																																																
Connect to Existing Supplies:																																																
Begin Purchasing from DWU														X																X													X					
Begin Purchasing from NTMWD																																																
Begin Purchasing from TRWD								X						X																																		X
Begin Purchasing Treated Water from Azle																																																
Begin Purchasing from Arlington (TRWD)																																																
Begin Purchasing from Cedar Hill (DWU)																																																
Lake Fork Connection							X		X																																							
Lake Palestine Connection (IBT)							X			X																																						
Toledo Bend project (New IBT)	X	X	X	X			X		X																																							
Toledo Bend water right amendment (New IBT)																																																
Oklahoma (New IBT)	X	X		X			X										X																															
Forest Grove Reservoir (potential TXU agreement)													X																																			
Develop supplies from Joe Pool Lake (TRA)																																																
Connection to Richland-Chambers								X																																								
TRA Ellis County Water Supply Project																																																

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Potentially Feasible Water Management Strategies for Wholesale Water Providers

	Regional															Local																														
Water Management Strategies	Tarrant Reg. Water District	North TX Mun Water Dist	Trinity River Auth	Upper Trinity Reg. Water Dist	Dallas Co. PC MUD	Greater Texoma Util Auth	Fort Worth	Dallas (DWU)	Corsicana	Sabine River Authority	Sulphur River Water Dist	Upper Neches River MWA	Arlington	Argyle WSC	Athens MWA	Bartonville WSC	Bolivar WSC	Dallas County WCID #6	Denton	East Cedar Creek FWSD	Emmis	Forney	Gainesville	Garland	Grand Prairie	Lake Cities Mun Util Auth	Mansfield	Midlothian	Mustang SUD	North Richland Hills	Princeton	Rockwall	Rockett SUD	Seagoville	Sherman	Terrell	Walnut Creek SUD	Waxahachie	Weatherford	West Cedar Creek MUD	Wise Co. WSD					
Connect to Existing Supplies (Cont):																																														
Cypress Basin Supplies (Lake'O Pines,Sandlin) (New IBT)	X	X				X																																								
Lake Wright Patman (New IBT)	X	X	X			X																																								
Lake Livingston	X	X				X																																								
Additional Supplies from Lake Palestine (additional IBT)						X																																								
Additional Supplies from Navarro Mills						X																																								
Lake Texoma (IBT for NTMWD; new IBT for UTRWD)		X	X																																											
Lk Texoma Not Yet Auth - Blend w/ Elm Fork (New IBT)			X			X																																								
Lk Texoma Not Yet Authorized - Desalination (New IBT)	X	X				X																																								
Waxahachie/Rocket SUD/Red Oak from Dallas																																														
Wilmer, Hutchins, Palmer, and Ferris Connect to DWU																																														
Additional Richland Chambers/Cedar Creek Pipeline	X																																													
Purchase from Brazos River Authority (New IBT)	X																																													
Interim Lake Fork Use (from Dallas)		X																																												
Interim Treated Water Purchase from Dallas		X																																												
Upper Sabine Basin Supply (IBT)		X																																												
Tarrant County Water System	X		X																																											
Ellis County Water System	X		X																X																											
Grayson County Water System (IBT)							X																																							
Collin-Grayson Municipal Alliance Pipeline Project (IBT)							X																																							
Cooke County Water System (IBT)							X									X																														
Fannin County Water System (IBT)		X					X																																							
East Parker County Water System																																														
Gulf of Mexico - Desalination (New IBT)	X	X				X																																								
Emergency Connection to Dallas						X																																								
Joint Pipeline from East TX (TRWD/DWU) (IBT for DWU)	X					X																																								
Pipeline from NTMWD supply to McKinney						X																																								
Desalination Plant - Northwest Grayson						X																																								
Desalination Plant - RRA, others						X																																								
Add'l Pump Station to deliver Lake Chapman supply (IBT)		X																																												
Additional Steam Electric supply, Freestone Co.			X																																											
Additional Yield from Moss Lake (add'l IBT)																			X																											
Amend Current Water Right						X																																								

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Potentially Feasible Water Management Strategies for Wholesale Water Providers

	Regional																	Local																															
	Tarrant Reg. Water District	North TX Mun Water Dist	Trinity River Auth	Upper Trinity Reg. Water Dist	Dallas Co. PC MUD	Greater Texoma Util Auth	Fort Worth	Dallas (DWU)	Corsicana	Sabine River Authority	Sulphur River Water Dist	Upper Neches River MWA	Arlington	Argyle WSC	Athens MWA	Bartonville WSC	Bolivar WSC	Dallas County WCID #6	Denton	East Cedar Creek FWSD	Ennis	Forney	Gainesville	Garland	Grand Prairie	Lake Cities Mun Util Auth	Mansfield	Midlothian	Mustang SUD	North Richland Hills	Princeton	Rockwall	Rockett SUD	Seagoville	Sherman	Terrell	Walnut Creek SUD	Waxahachie	Weatherford	West Cedar Creek MUD	Wise Co. WSD								
Water Management Strategies																																																	
Continued Reuse:																																																	
Direct Reuse for Irrigation					X																																												
Indirect reuse from Bardwell Lake																			X																														
Indirect reuse from Moss Lake																				X																													
Add'l indirect reuse - TRA/Waxahachie																																							X										
Indirect Reuse to Lake Weatherford																																									X								
Reallocation of Reservoir Storage:																																																	
Reallocation of Wright Patman (New IBT)	X	X	X				X																																										
Reallocation of Texoma (New IBT)	X	X					X																																										
New Surface Water Projects:																																																	
Lower Bois d'Arc Reservoir (New IBT)		X																																															
Marvin Nichols I Lake (New IBT)	X	X	X				X																																										
Ralph Hall Reservoir (New IBT)			X																																														
George Parkhouse I Lake (New IBT)			X				X																																										
Lake Columbia (New IBT)							X																																										
Lake Tehuacana	X																																																
New Surface Water Project w/ other entities																	X																																
Brazos River Supply (IBT)						X																																											
Lake Fastrill (IBT)							X																																										
Turkey Peak Reservoir																																																	
Lake Palo Pinto Off Channel Reservoir																																																	
Neches River Diversions (IBT)							X																																										
New Groundwater:																																																	
Roberts County groundwater	X	X					X																																										
New Well(s) Near Eagle Mountain Lake	X																																																
New Well(s) in Carrizo-Wilcox Aquifer													X																																				
New Well(s) in Trinity Aquifer														X	X																																		
Additional Wells for Suppliers Already Using GW					X																																												
Carrizo-Wilcox water from Region G	X	X					X																																										
Supplemental Wells												X	X	X					X	X	X				X	X	X			X						X				X									
Conjunctive use of Ground & Surface water							X																																										
Temporary Overdraft of Trinity Aquifer														X																																			

* Note: Specific Conservation Strategies are listed in a separate analysis.
IBT denotes a Permitted Interbasin Transfer.
New IBT denotes an Interbasin Transfer requiring a new IBT permit.

Table O.2 - Potentially Feasible Water Management Strategies for Collin County Municipal WUGs

Water Management Strategies	Allen	Anna	Blue Ridge	Caddo Basin SUD	Celina	County Other	Culleoka WSC	Dallas	Danville WSC	East Fork SUD	Fairview	Farmersville	Frisco	Garland	Hickory Creek SUD	Josephine	Lavon WSC	Lowry Crossing	Lucas	Marilee SUD	McKinney	Melissa	Milligan WSC	Murphy	Nevada	New Hope	North Collin WSC	Parker	Plano	Princeton	Prosper	Richardson	Royse City	Sachse	Saint Paul	South Grayson WSC	Weston	Wylie	
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Begin Purchasing from NTMWD		X	X		X								X								X															X	X		
Continue/Increase Supplies from NTMWD	X			X				X	X	X	X	X		X	X		X		X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Continue/Increase Supplies from Princeton (NTMWD)						X																																	
Continue/Increase Supplies from McKinney (NTMWD)							X													X																			
Continue/Increase Supplies from Milligan WSC (NTMWD)																X																							
Continue/Increase Supplies fr N. Collin WSC (NTMWD)																								X															
Continue/Increase Supplies from DWU						X																																	
Continue/Increase Supplies from UTRWD				X																																			
Begin Purchasing from UTRWD																		X											X										
Fannin County Water Supply Project													X																										
Grayson County Water Supply Project				X														X																			X		
Collin Grayson Municipal Alliance Project																																					X		
Celina Connection to GTUA				X																																			
Celina Connection to NTMWD				X																																			
Begin Purchasing from GTUA		X																			X															X	X		
Begin Purchasing from Sherman																		X																					
NTMWD/GTUA Supply System		X																			X															X	X		
Expansion of Treatment and Delivery System																																							
Reuse											X																									X			
New Well(s) in Trinity Aquifer		X																X																					
New Well(s) in Woodbine Aquifer		X	X										X					X																					
Temporary Overdraft Trinity Aquifer				X														X																					
Temporary Overdraft Woodbine Aquifer		X	X															X										X										X	
Supplement Well(s) in Trinity Aquifer		X		X	X						X							X																		X			
Supplemental Well(s) in Woodbine Aquifer		X	X		X							X						X		X								X								X	X		

Table O.3 - Potentially Feasible Water Management Strategies for Cooke County Municipal WUGs

Water Management Strategies	Bolivar WSC	County Other	Gainesville	Kiowa Homeowners WSC	Lindsay	Muenster	Two Way WSC	Valley View	Woodbine WSC
Conservation	X	X	X	X	X	X	X	X	X
Continue/Increase Supplies from NTMWD									
Begin Purchasing from UTRWD	X								
Purchase from Bolivar WSC (UTRWD)							X		
Purchase from UTRWD (Lake Chapman)		X							
Purchase from UTRWD (Reuse)		X							
Cooke County Water Supply Project (Interbasin Transfer)	X	X	X	X	X		X	X	X
Grayson County Water Supply Project						X			
Additional Yield from Moss Lake (Interbasin Transfer)			X						
Parallel Pipeline from Moss Lake (Interbasin Transfer)			X						
Treatment facilities for additional supply			X		X				
Lake Muenster (Interbasin Transfer)					X				
Red River Supply to Moss Lake (Interbasin Transfer)			X						
Indirect Reuse-Moss Lake (Interbasin Transfer)			X						
Bed & Banks Auth (Moss Lake & Indirect Reuse) (Interbasin Transfer)			X						
Negotiate Subordination Agreement					X				
Purchase water distribution system							X		
New Well(s) in Trinity Aquifer	X	X			X		X		
Temporary Overdraft Trinity Aquifer	X	X	X		X	X	X	X	X
Supplemental Wells in Trinity Aquifer	X	X	X	X	X	X	X	X	X

Table O.4 - Potentially Feasible Water Management Strategies for Dallas County Municipal WUGs

Water Management Strategies	Addison	Balch Springs	Carrollton	Cedar Hill	Cockrell Hill	Combine	Combine WSC	Coppell	County Other	Dallas	Dallas Co WCID #6	De Soto	Duncanville	East Fork SUD	Farmers Branch	Garland	Glenn Heights	Grand Prairie	Grapevine	Highland Park	Hutchins	Irving	Lancaster	Lewisville	Mesquite	Ovilla	Richardson	Rockett SUD	Rowlett	Sachse	Sardis-Lone Elm WSC	Seagoville	Sunnyvale	University Park	Wilmer	Wylie	
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Continue/Increase Supplies from NTMWD												X	X										X	X		X	X				X					X	
Begin Purchasing from DWU						X											X							X	X				X		X				X		
Continue/Increase Supplies from DWU	X	X	X	X			X	X	X	X	X	X	X	X	X	X			X	X	X	X									X					X	
Continue/Increase Supplies from Dallas Co WCID #6		X																																			
Continue/Increase Supplies from Combine WSC (DWU)					X																																
Continue/Increase Supplies from Seagoville (DWU)						X																															
Continue/Increase Supplies from Cedar Hill (DWU)																								X													
Begin Purchasing from Arlington (TRWD)																	X																				
Begin Purchasing from Cedar Hill (DWU)																X																					
Begin Purchasing from DWU directly; construct facilities						X																															
Begin Purchasing from UTRWD																							X														
Begin Purchasing from TRA (Joe Pool)											X					X																					
Begin Purchasing from TRWD																											X										
Develop Joe Pool Lake supply			X																																		
Continue/Increase Supplies from TRA (TRWD)																	X												X								
TRA Ellis Co Water Supply Project																X											X										
Continue/Increase Supplies from Ft Worth (TRWD)																X																					
Continue/Increase Supplies Mansfield (TRWD)																X																					
Continue/Inrease Supplies from DCPCMUD																																					
Continue/Increase Supplies from Midlothian																X											X		X								
Continue/Increase Supplies from Waxahachie																										X											
Continue/Increase Supplies from TRWD (Ellis Co Project)																										X											
Continue/Increase Supplies from Rockett SUD																						X															
Lake Chapman																				X																	
Oklahoma Water																			X																		
Participate in Marvin Nichols I Reservoir																			X																		
New water treatment plant (Dallas County Other)																																					
Expansion of Treatment and Delivery System						X																	X				X										
Ralph Hall Lake																				X																	
Wilmer, Hutchins, Palmer, Ferris Connection to DWU																			X																X		
Waxahachie/Rockett SUD/Red Oak from Dallas																											X		X								
Increase supply line capacity from Dallas																X																					
Lake Wright Patman																				X																	
Reuse																				X								X									
Irving Indirect Reuse																				X																	
Direct Reuse																				X																	
Indirect Reuse																	X																				
TRA Reuse																																					
Purchase Reuse water from DCPCMUD (Lake Grapevine)																	X																				
Aquifer Storage and Recovery (ASR)	X																																				
Temporary Overdraft Trinity Aquifer																													X						X		
Supplemental Wells Trinity Aquifer			X	X				X		X					X	X													X						X		
Supplemental Wells Woodbine Aquifer				X				X							X									X													

Table O.5 - Potentially Feasible Water Management Strategies for Denton County Municipal WUGs

Water Management Strategies	Argyle	Argyle WSC	Aubrey	Bartonville	Bartonville WSC	Bolivar WSC	Carrollton	Celina	Coppell	Copper Canyon	Corinth	County Other	Cross Roads	Dallas	Denton	Denton Co FWSDB#1A	Double Oak	Flower Mound	Fort Worth	Frisco	Hackberry	Hebron	Hickory Creek	Highland Village	Justin	Krugerville	Krum	Lake Dallas	Lewisville	Lincoln Park	Little Elm	Mustang SUD	Northlake	Oak Point	Pilot Point	Plano	Ponder	Prosper	Roanoke	Sanger	Shady Shores	Southlake	The Colony	Trophy Club					
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Begin Purchasing from UTRWD				X															X						X	X																							
Begin Purchasing from NTMWD						X																																											
Continue/Increase Supplies from UTRWD		X	X		X		X		X	X				X		X					X	X					X		X							X		X											
Continue/Increase Supplies from Arglye WSC (UTRWD)	X																																																
Continue/Increase Supplies from Bartonville WSC (UTRWD)			X					X							X																																		
Continue/Increase Supplies from Denton (UTRWD)																																																	
Continue/Increase Supplies from Mustang SUD (UTRWD)											X												X				X																						
Continue/Increase Supplies from Lake Cities MUA (UTRWD)																				X					X																								
Continue/Increase Supplies from NTMWD																	X	X											X					X		X										X			
Continue/Increase Supplies from Plano (NTMWD)																												X																			X		
Continue/Increase Supplies from DWU					X		X					X	X	X		X										X																					X		
Continue/Increase Supplies from TRWD																	X																																
Continue/Increase Supplies from Fort Worth (TRWD)											X																																				X		
Cont/Incr Supplies from Trophy Club MUD #1 (Ft Worth, TRWD)																																																X	
Purchase water from UTRWD (Lake Chapman)										X																																							
Purchase water from Carrollton (DWU)																																																	
Connection to Little Elm, Frisco, or NTMWD																			X																														
Expansion of Treatment and Delivery System													X				X										X																						
Emergency Connection to Dallas																	X																																
New Surface Water Project w/ other entities													X																																				
Oklahoma Water w/ TRWD/UTRWD (New Interbasin Transfer)													X																																				
Brazos River Supply (New Interbasin Transfer)																	X																																
Grayson County Water Supply Project						X																																											
Cooke County Water Supply Project				X																																													
Purchase water from UTRWD (reuse)										X																																							
Increase City of Denton direct reuse													X																																				
Increase City of Denton indirect reuse													X																																				
Fort Worth Reuse for Tarrant Co Steam Electric																	X																																
Fort Worth Reuse for Parker Co Steam Electric																	X																																
Reuse with Dallas													X																																				
Direct Reuse																		X																															
Aquifer Storage and Recovery (ASR)																																																	
New Well(s) in Trinity Aquifer				X	X																			X																									
New Well(s) in Woodbine Aquifer																												X																					
Temporary Overdraft Trinity Aquifer					X																			X	X	X																							
Temporary Overdraft Woodbine Aquifer																				X									X																				
Supplemental Wells in Trinity Aquifer	X	X		X	X	X	X		X	X	X						X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Supplemental Wells in Woodbine Aquifer						X				X									X	X								X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Table O.6 - Potentially Feasible Water Management Strategies for Ellis County Municipal WUGs

Water Management Strategies	Bardwell	Brandon Irene WSC	Buena Vista-Bethel SUD	Cedar Hill	Community Water Co.	County Other	Ennis	Ferris	Files Valley WSC	Glenn Heights	Grand Prairie	Italy	Johnson Co SUD	Mansfield	Maypearl	Midlothian	Mitford	Mountain Peak SUD	Oak Leaf	Ovilla	Palmer	Pecan Hill	Red Oak	Rice WSC	Rockett SUD	Sardis-Lone Elm WSC	Venus	Waxahachie
Conservation	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Begin Purchasing from DWU						x				x						x		x	x		x		x	x			x	
Continue/Increase Supplies from DWU			x					x	x								x											
Continue/Increase Supplies from Cedar Hill (DWU)																		x										
Begin Purchasing from TRWD																x							x		x			
Continue/Increase Supplies from TRWD									x			x		x														
Continue/Increase Supplies from Aquilla WSC																												
Continue/Increase Supplies from Files Valley WSC (Lake Aquilla)															x													
Continue/Increase Supplies from Fort Worth (TRWD)									x																			
Begin Purchasing from TRA (Joe Pool)									x																			
Develop Joe Pool Lake supply			x																									
Begin Purchasing from Arlington (TRWD)									x																			
Begin Purchasing from Cedar Hill (DWU)									x																			
Begin Purchasing from TRA (TRWD)	x	x		x	x		x																	x				
Begin Purchasing from TRA (Bardwell Lake)						x																						
Pipeline Connection to TRWD						x																						
TRA Ellis County Water Supply Project			x		x	x			x	x			x			x		x		x	x	x	x			x		
Continue/Increase Supplies from Mansfield (TRWD)																												
Continue/Increase Supplies from Corsicana				x																		x						
Continue/Increase Supplies from Ennis				x																		x						
Continue/Increase Supplies from Mansfield (TRWD)									x		x																	
Continue/Increase Supplies from Rockett SUD						x											x		x	x	x						x	
Continue/Increase Supplies from Midlothian Water District																x							x	x	x			
Continue/Increase Supplies from TRWD (Ellis Co Project)																							x				x	
Continue/Increase Supplies from Waxahachie																							x					
Expansion of Treatment and Delivery System												x		x									x				x	
Midlothian Pipeline Expansion														x														
Connection to TRWD														x														
Wilmer, Hutchins, Palmer, & Ferris Connection to DWU						x													x									
Waxahachie/Rockett SUD/Red Oak from Dallas			x			x										x		x	x	x			x	x			x	
Increase supply line capacity from Dallas									x																			
Begin purchasing supplies from DWU																											x	
BRA System Operations Permit		x																										
Additional Joe Pool Lake														x														
Purchase from Upper Neches River MA																x												
Begin purchasing water from Grand Prairie											x																	
Ennis Indirect Reuse						x																						
TRA Dallas Co Reuse											x																	
TRA/Waxahachie Indirect Reuse																											x	
New Well(s) in Trinity Aquifer																												
New Well(s) in Woodbine Aquifer	x									x			x															
New Well(s) in Carrizo-Wilcox Aquifer				x																								
Temporary Overdraft Trinity Aquifer										x																		
Temporary Overdraft Woodbine Aquifer					x								x						x		x							
Supplemental Wells in Trinity Aquifer			x	x	x			x	x	x			x											x	x			
Supplemental Wells in Woodbine Aquifer	x			x			x	x		x			x		x			x	x		x					x		
Supplemental Wells in Other Aquifer																				x								

Table O.7 - Potentially Feasible Water Management Strategies for Fannin County Municipal WUGs

Water Management Strategies	Bonham	Ector	County Other	Hickory Creek SUD	Honey Grove	Ladonia	Leonard	North Hunt WSC	Savoy	SW Fannin Co SUD	Trenton	Whitewright
Conservation	X	X	X	X	X	X	X	X	X	X	X	X
Begin Purchasing from NTMWD	X	X	X	X	X	X	X	X	X	X	X	X
Fannin County Water Supply Project	X	X	X	X	X	X	X	X	X	X	X	
Grayson County Water Supply Project			X									X
Ralph Hall Lake					X							
Additional Lake Tawakoni Supply							X					
Additional Lake Bonham	X											
New Well(s) In Trinity or Woodbine Aquifer		X	X	X		X			X			X
Temporary Overdraft Woodbine Aquifer			X			X	X		X	X		X
Reallocate supply in Woodbine Aquifer					X							
Supplemental Wells in Trinity Aquifer			X			X		X				
Supplemental Wells in Woodbine Aquifer		X	X	X	X		X	X	X	X	X	X

Table O.8 - Potentially Feasible Water Management Strategies for Freestone County Municipal WUGs

Water Management Strategies	County Other		Fairfield	Flo Community WSC	
	Teague	Wortham		Teague	Wortham
Conservation	X	X	X	X	X
Begin Purchasing from TRWD		X			X
Continue Purchasing from TRWD	X				
Purchase water from Mexia					X
Purchase water from Corsicana					X
New water treatment plant		X			
Water treatment plant expansion/rehabilitation					X
New Well(s) in Carrizo-Wilcox Aquifer	X	X	X	X	
Supplemental Well(s) in Carrizo-Wilcox Aquifer	X	X	X	X	

Table O.9 - Potentially Feasible Water Management Strategies for Grayson County Municipal WUGs

Water Management Strategies	Bells	Collinsville	County Other	Denison	Gunter	Howe	Lagella WSC	Marilee SUD	Potschboro	Sherman	South Grayson WSC	Southwayd	SW Fannin Co SUD	Tioga	Tom Bean	Two Way WSC	Van Alstyne	Whitesboro	Whitewright	Woodbine WSC
Conservation	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Begin Purchasing from NTMWD			x		x			x		x		x				x			x	
Continue/Increase Supplies from Denison								x												
Continue/Increase Supplies from GTUA									x											
Begin Purchasing from Sherman				x			x													
Additional Lake Texoma				x				x												
Grayson County Water Supply Project	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Fannin County Water Supply Project			x								x									
Cooke County Water Supply Project			x																	x
Begin Purchasing from GTUA			x		x		x	x		x						x				
NTMWD/GTUA Supply System			x		x			x		x						x				
Expansion of treatment and delivery system				x					x											
Collin-Grayson Municipal Alliance									x							x				
New Well(s) In Trinity Aquifer		x	x		x		x	x			x		x	x		x			x	
New Well(s) In Woodbine Aquifer	x		x		x		x	x		x			x		x			x		x
Temporary Overdraft Trinity Aquifer	x	x	x		x							x			x	x	x			x
Reallocate Trinity Aquifer	x								x	x					x			x		
Reallocate Woodbine Aquifer			x						x											
Temporary Overdraft Woodbine Aquifer	x	x			x	x	x				x	x		x		x			x	
Supplemental Wells In Trinity Aquifer	x	x	x	x	x				x	x	x		x		x	x	x			x
Supplemental Wells In Woodbine Aquifer	x		x			x	x	x	x	x	x		x		x			x		

Table O.10 - Potentially Feasible Water Management Strategies for Henderson County Municipal WUGs

Water Management Strategies	Athens	Bethel-Ash WSC	County Other	East Cedar Ck FWSD	Eustace	Gum Barrel City	Log Cabin	Mabank	Malakoff	Payne Springs	Seven Points	Trool	Trinidad	Virginia Hills WSC	West Cedar Ck MUD
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Additional Lake Athens beyond Operation Yield	X														
Continue Purchasing from TRWD							X								
Continue/Increase Supplies from TRWD			X	X		X									X
Continue/Increase Supplies from East Cedar Ck FWSD (TRWD)					X										
Continue/Increase Supplies from West Cedar Ck MUD (TRWD)									X	X					
Cooke County Water Supply Project															
Lake Palestine (Interbasin Transfer)	X														
Cedar Creek Lake (Interbasin Transfer)	X														
Forest Grove Lake	X														
Expansion of treatment and delivery system			X			X									
Indirect Reuse (Athens MWA) (Interbasin Transfer)	X														
New Well(s) in Carrizo-Wilcox Aquifer	X	X		X		X		X							
Supplemental Wells in Carrizo-Wilcox	X	X	X		X		X	X					X		
Temporary Overdraft Carrizo-Wilcox Aquifer		X													

Table O.11 - Potentially Feasible Water Management Strategies for Jack County Municipal WUGs

Water Management Strategies			
	Bryson	County-Other	Jacksboro
Conservation	X	X	X
Lake Jacksboro/Lost Creek System	X		X
Purchase water from Graham	X		
Purchase water from Bryson		X	
Purchase water from Jacksboro		X	
Water Treatment Plant Expansion			X
Use groundwater from Cisco Aquifer (new or existing wells)	X		
Supplemental wells in Cisco Aquifer	X		
Supplemental wells in Trinity Aquifer		X	

Table O.12 - Potentially Feasible Water Management Strategies for Kaufman County Municipal WUGs

Water Management Strategies	Ables Springs WSC	College Mound WSC	Combine	Combine WSC	County Other	Crandall	Dallas	Forney	Forney Lake WSC	Gastonia-Scurry WSC	High Point WSC	Kaufman	Kemp	Mabank	MacBee SUD	Mesquite	Oak Grove	Post Oak Bend City	Scurry	Seagoville	Talty	Terrell	West Cedar CK MUD
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Begin Purchasing from NTMWD																							
Continue/Increase Supplies from NTMWD		X		X			X	X	X		X				X	X	X	X		X	X		
Continue/Increase Supplies from Kaufman (NTMWD)					X																		
Continue/Increase Supplies from Forney (NTMWD)										X													
Continue/Increase Supplies from TRWD				X							X	X											X
Continue/Increase Supplies from SRA (Interbasin Transfer)	X																					X	
Continue/Increase Supplies from MacBee SUD (SRA)																							
Continue/Increase Supplies from Terrell (NTMWD)		X								X													
Continue/Increase Supplies from Combine WSC			X																				
Continue/Increase Supplies from DWU						X														X			
Continue/Increase Supplies from Seagoville (DWU)				X																			
Begin Purchasing from DWU directly; construct facilities				X	X																		
Begin Purchasing from Seagoville (DWU); construct facilities					X																		
Pipeline to Connect to NTMWD																						X	
Kemp Cedar Creek Lake System Expansion				X							X												
Expansion of Treatment and Delivery System											X	X	X								X	X	
Develop delivery point/connection to NTMWD Tawakoni WTP	X																						
Increase Purchase of Treated Effluent from Garland							X																

Table O.13 - Potentially Feasible Water Management Strategies for Navarro County Municipal WUGs

Water Management Strategies	Blooming Grove	Brandon Irene WSC	Chatfield WSC	Community Water Co.	Corsicana	County Other	Dawson	Frost	Ketens	M E N WSC	Navarro Mills WSC	Rice	Rice WSC
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X
Continue/Increase Supplies from NTMWD													
Continue/Increase Supplies from TRWD					X								
Continue/Increase Supplies from Corsicana	X		X	X	X	X	X	X	X				X
Continue/Increase Supplies from Chatfield WSC (Corsicana)													
Continue/Increase Supplies from Rice WSC (Corsicana, Ennis)											X		
Continue/Increase Supplies from Aquilla WSC													
Continue/Increase Supplies from Ennis				X									X
Continue/Increase Supplies from Terrell (SRA - Lake Tawakoni)													
Continue/Increase Supplies from TRA													
Connection to Richland-Chambers				X									
Begin Purchasing from TRA					X								
Begin Purchasing from TRWD				X									
New Water Treatment Plant				X	X								
Treatment Plant Expansions				X									
Additional Supply from Lake Navarro Mills				X									
TRA Ellis Co Water Supply Project (Ennis)				X									X
Reuse for Industrial customer				X									
Navarro County Water System													
BRA System Operations Permit		X											
Raw water for steam electric power				X									
New Wells in Carrizo-Wilcox Aquifer				X									
New Wells in Woodbine Aquifer	X									X			
New Wells in Trinity Aquifer	X												
Supplemental Wells			X		X		X						

Table O.14 - Potentially Feasible Water Management Strategies for Parker County Municipal WUGs

Water Management Strategies	Aledo	Ametta	Ametta South	Azle	County-Other	Cresson	Fort Worth	Hudson Oaks	Mineral Wells	Reno	Sanctuary	Springtown	Walnut Creek SUD	Weatherford	Willow Park
Conservation	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Continue/Increase Supplies from TRWD			x			x					x	x	x		
Begin Purchasing from Ft Worth (TRWD)/Connect to Ft Worth	x														x
Begin Purchasing from Weatherford (TRWD)	x	x	x		x		x								x
Continue/Increase Supplies from Walnut Creek SUD (TRWD)				x				x	x						
Continue/Increase Supplies from Springtown (TRWD)								x							
Temporary overdraft of Lake Weatherford															x
Parallel Pipeline from Lake Benbrook															x
Treated water transmission lines to Southeast Parker County															x
Southeast Wise County System															x
Expansion of Treatment and Delivery System			x			x					x	x	x		
Emergency Connection to Dallas						x									
Brazos River Supply (New Interbasin Transfer)						x									
Parallel Pipeline to Boyd/Rhome												x			
Purchase Treated water from Azle													x		
Turkey Peak Reservoir								x							
Lake Palo Pinto Off Channel Reservoir								x							
Lake Palo Pinto Redistribution of Supplies								x							
Fort Worth Reuse for Tarrant Co Steam Electric						x									
Fort Worth Reuse for Parker Co Steam Electric						x									
Indirect Reuse Lake Weatherford															x
Direct Reuse						x									
New Well(s) in Trinity Aquifer				x											
New Well(s) in Other Aquifer		x													
Temporary Overdraft Trinity Aquifer	x	x	x		x		x								x
Temporary Overdraft Other Aquifer		x													
Supplemental Wells in Trinity Aquifer	x	x	x		x	x	x	x	x		x				x

Table O.15 - Potentially Feasible Water Management Strategies for Rockwall County Municipal WUGs

Water Management Strategies	Blackland WSC	Cash SUD	County-Other	Dallas	East Fort SUD	Fate	Forney Lake WSC	Heath	High Point WSC	Lavon WSC	McLendon-Chisholm	Mt Zion WSC	R-CH WSC	Rockwall	Rowlett	Royse City	Wylie
Conservation	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Begin Purchasing from NTMWD																	
Continue/Increase Supplies from NTMWD		x	x		x	x	x	x					x	x	x	x	x
Continue/Increase Supplies from Rockwall (NTMWD)	x									x	x	x					
Cont/Incr Supplies from RCH WSC (NTMWD thru Rockwall)							x										
Cont/Incr Supplies from Mt Zion WSC (NTMWD thru Rockwall)												x					
Continue/Increase Supplies from Forney (NTMWD)								x									
Continue/Increase Supplies from Terrell (NTMWD)								x									
Cont/Incr Supplies from Blackland WSC and RCH WSC (NTMWD)										x							
Continue/Increase Supplies from DWU				x													
Continue/Increase Supplies from SRA		x															
Develop delivery point/connection to NTMWD Tawakoni WTP		x															

Table O.16 - Potentially Feasible Water Management Strategies for Tarrant County Municipal WUGs

Water Management Strategies	Arlington	Azle	Bedford	Benbrook	Bethesda WSC	Blue Mound	Burleson	Colleyville	Community WSC	County-Other	Crowley	Dalworth Gardens	Edgecliff	Eulless	Everman	Forest Hill	Fort Worth	Grand Prairie	Grapevine	Haltom City	Haslet	Hurst	Johnson Co SUD	Keller	Kennedale	Lake Worth	Lakeside	Mansfield	North Richland Hills	Pantego	Pelican Bay	Richland Hills	River Oaks	Saginaw	Sansom Park Village	Southlake	Watauga	Westover Hills	Westworth Village	White Settlement		
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Begin Purchasing from TRWD																									X					X												
Continue/Increase Supplies from TRWD	X	X	X	X				X							X											X					X											
Continue/Increase Supplies from TRA (TRWD)			X				X					X				X											X															
Begin Purchasing from Fort Worth (TRWD)																							X		X			X														
Continue/Increase Supplies from Fort Worth (TRWD)				X		X		X	X	X	X		X	X		X		X	X	X			X	X	X		X		X		X	X	X	X		X	X	X		X		
Begin Purchasing from Azle (Ft Worth)																									X				X													
NE Tarrant Co Regional Water System (from Ft Worth)								X																																		
Cont/Incr Supplies fr N Richland Hills (Ft Worth)																																						X				
Begin Purchasing from Arlington (TRWD)				X												X							X					X														
Continue/Increase Supplies from Tecon (TRWD)					X											X																										
Continue/Increase Supplies from Mansfield (TRWD)																	X				X																					
Begin Purchasing from DWU																	X				X																					
Continue/Increase Supplies from DWU																X																										
Begin Purchasing from TRA (Joe Pool Lake)																X																										
Begin Purchasing from Cedar Hill (DWU)																X																										
TRA Ellis Co Water Supply Project (Midlothian)																X																										
Expansion of Treatment and Delivery System	X	X		X			X	X	X						X											X																
Emergency Connection to Dallas															X																											
Increase supply line capacity from Dallas																X																										
Brazos River Supply (New Interbasin Transfer)															X																											
New WTP																										X																
Fort Worth Reuse for Tarrant Co Steam Electric															X																											
Fort Worth Reuse for Parker Co Steam Electric															X																											
Fort Worth Reclaimed Line	X										X																															
Purchase Reuse water from DCPCMUD (Lake Grapevine)																	X																									
TRA Dallas Co Reuse																					X																					
New Well(s) in Trinity Aquifer																							X	X			X	X													X	
Temporary Overdraft Trinity Aquifer																							X	X			X	X														
Supplemental Wells in Trinity Aquifer			X	X	X	X		X	X	X		X	X			X			X	X			X	X	X		X	X	X	X			X								X	

Table O.17 - Potentially Feasible Water Management Strategies for Wise County Municipal WUGs

	Alford	Autrom	Bolivar WSC	Boyd	Bridgeport	Chico	Community WSC	County-Other	Decatur	Fort Worth	New Fairview	Newark	Paradise	Rhome	Runaway Bay	Walnut Creek SUD	West Wise Rural SUD
Water Management Strategies																	
Conservation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Begin Purchasing from UTRWD			X														
Continue/Increase supplies from UTRWD		X															
Purchase from UTRWD (Lake Chapman)						X											
Purchase from UTRWD (Reuse)						X											
Begin Purchasing from TRWD	X																
Continue/Increase Supplies from TRWD				X	X	X	X	X	X					X	X	X	
Begin Purchasing from Walnut Creek SUD (TRWD)		X	X														
Continue/Increase Supplies from Walnut Creek SUD (TRWD)									X	X		X					
Continue/Increase Supplies from West Wise Rural WSC (TRWD)				X													
Continue/Increase Supplies from Wise County WSD (TRWD)							X										
Cooke County Water Supply Project		X	X														
Southeast Wise County System															X		
Expansion of Treatment and Delivery System				X	X	X	X	X						X	X	X	
Emergency Connection to Dallas								X									
Brazos River Supply (New Interbasin Transfer)								X									
Parallel Pipeline to Boyd/Rhome															X		
Purchase Treated water from Azle															X		
Fort Worth Reuse for Tarrant Co Steam Electric								X									
Fort Worth Reuse for Parker Co Steam Electric								X									
Direct Reuse								X									
New Well(s) in Trinity Aquifer	X		X							X							
New Well(s) in Other Aquifer		X															
Temporarily Overdraft Trinity Aquifer			X	X									X				
Temporarily Overdraft Other Aquifer		X															
Supplemental Wells in Trinity Aquifer	X	X	X	X	X	X	X		X	X	X	X					