Updated:

			Benefit at tl (ac-ft)	Cumulative Demand Reduction (multi- year)	Water Rights/Supply Contract	Coordinating	Land Purchase		Discharge Permit	Drought	Cost Basis Supply Quantity (ac-			Est. Unit Cost (Supply Basis) at 95th Pctl	Est. Unit C
Category	Option Description	Low	High	(ac-ft)	Req'd?	Entities	Req'd?	Timing If needed - is in	Req'd?	Only Supply	ft/yr) * (see footnote	Est. Capital Cost	* (see footnote	(\$/kgal) * (see footnote	(\$/ac-ft
Demand-side Management	Drought Response Stage 3	17,000	19,000		N	N/A	N	DCP Directors	N	Y	below)	\$0	below)	below)	below)
	Interim Drought Response - Hand-watering only	12,000	15,500		N	N/A	N	Authority	N	Y	* (see footnote below)	\$0	,	* (see footnote below)	* (see foot below)
	Emergency Drought Stage 4	24,000	26,000		N	N/A	N	If needed - is in DCP	N	Υ	* (see footnote below)	\$0	* (see footnote below)	* (see footnote below)	* (see foot below
	Mandatory Toilet Retrofit on Resale	128	128	1,280	N	RECA, BOR, BOMA	N	3-10 yrs	N	N	128	\$0	\$75,000	\$2.39	9 9
	Limit irrigated area in new residential development	178	178	1,246	N	HBA, RECA	N	3-5 yrs	N	N	178	\$0	\$150,000	\$2.57	7
	Require new facilities to capture A/C condensate for reuse	31	31	310	N	WPD	N	10 yrs	N	N	31	\$0	\$75,000	\$7.50	\$2
	Require retrofit of existing cooling towers to meet efficiency standards	73	73	292	N	RECA, BOMA	N	4 yrs	N	N	73	\$0	\$75,000	\$3.15	5 \$1
	Require home audits at time of sale	589	589	589	N	RECA, BOR, AE	N	10 yrs	N	N	589	\$0	\$75,000	\$3.91	L \$1
	Mandatory irrigation audits for high users	371	371	742	N	N/A	N	2 yrs	N	N	371	\$0	\$150,000	\$1.24	1 :
	Implement smart meters for residential customers	986	986	4,928	N	AE	N	5 yrs	N	N	986	\$95,500,000	\$300,000	\$6.04	\$19
	Additional staff for marketing reclaimed water program	78	78	390		N/A	N	5 yrs	N	N	78	\$0	\$75,000	\$2.95	
	Water budget rates (applied to irrigation-only meters)	1,000	1,000	2,000		AE, BOMA, RECA	N	2 yrs	N	N	1,000		N/A	N/A	N/A
	Hot water on demand incentives	6	6	59		N/A	N		N	N	6	\$0			
								10 yrs					,		
	Provide rebates for 0.8gpf toilets	29	29	145		N/A	N	1 yr	N	N	29	\$0	. ,		
Operational Improvements	Direct Reuse - Completing the Core	TBD	TBD		N	N/A	N	5-7 yrs	N	N	TBD	\$41,395,000			TBE
	Operate Longhorn Dam Lift Gates	2,000	4,000		N	LCRA, AE	N	<6 Mos.	N	Y	3,000	\$0			
	Reduced Lake Evaporation (Long & LBL)	800	1,200		N	TCEQ, TPWD	N	<6 Mos.	N	Y	1,000	\$0	\$275,000		
	Walter Long Off-Channel Storage (Existing Capacity)	1,000	4,000		??	LCRA, AE, TCEQ	N	<6 Mos.	N	Y	2,500	\$0	\$160,000	\$0.20	1
	Relocate SAR Discharge Above Austin Gauge - Existing Reclaimed System	0	1,000	<u> </u>	N	TCEQ, LCRA	N	1-2 yrs	Y	Y	500	\$294,000	\$57,000	\$0.35	5
	Lake Austin Operation	0	5,000		N	LCRA	N	<6 Mos.	N	Y	2,500	\$0	\$25,000	\$0.03	1
Enhanced Operations Alternative Groundwater Supplies	Automate Longhorn Dam Gates	4,000	7,000		N	LCRA, AE	N	1-2 yrs	N	N	5,500	\$750,000	\$80,000	\$0.04	-
	Walter Long Off-Channel Storage (Enhanced Capacity)	8,000	20,000		??	LCRA, AE, TCEQ	N	1-2 yrs	Y	Y	14,000	\$22,340,000	\$2,561,000	\$0.56	5
	Capture Local Inflows in Lady Bird Lake	1,000	3,000		N	N/A	N	1-2 yrs	N	Υ	2,000	\$1,743,000	\$669,000	\$1.03	3
	Aquifer Storage and Recovery - Northern Edwards	4,000	4,000	ı	N	TCEQ	Υ	3-5 yrs	N	N	4,000	\$130,000,000	\$4,000,000	\$3.07	7 \$:
	Indirect Potable Reuse - SAR to Lady Bird Lake ²	20,000	20,000	<u> </u>	??	TCEQ, LCRA	N	2-3 yrs	Υ	Υ	20,000	\$30,485,000	\$3,794,000	\$0.58	3
	Existing BlueWater System ¹ (Treat and Deliver)	12,000	12,000		Υ	BlueWater	N	1 yr	N	Y/N	12,000	\$26,448,000	\$18,310,000	\$4.68	\$ \$:
	Forestar ¹	10,000	10,000		Υ	Forestar	N	2-3 yrs	N	Y/N	???	???	???	???	???
	Northern Edwards Wellfield ¹	1,000	1,500		N	N/A	Y	2 yrs	N	N	1,200	\$7,624,000	\$517,000	\$1.32	2
	Vista Ridge ¹	50,000	50,000		Υ	SAWS	N	3 yrs	N	Υ	???	???	???	???	???
	HCPUA ¹	25,000	25,000		Υ	HCPUA	N	2-3 yrs	N	Υ	25,000	???	???	???	???
Other Mid- and Long- term Supplies	Down Dip Brackish Edwards ¹	5,000	10,000		Υ	TCEQ, BSEACD	Y	5 - 10 yrs	Υ	Y/N	7,500	\$90,000,000	\$13,000,000	\$5.32	2 \$
	Reclaimed Water Infiltration	20,000	40,000		N	TCEQ	N	5 - 10 yrs	??	N	30,000	\$110,000,000	\$20,000,000	\$2.05	5
	Colorado Bed and Banks Permit ¹	40,000			Υ	LCRA, TCEQ	Y	10 - 15 yrs	N	N	55,000	\$310,000,000			

¹ These alternatives represent a treated water supply and would not incur the water treatment costs the other alternatives would require

 $^{^{2}}$ Yield and unit cost calculation assumes extremely reduced downstream environmental flow requirements

^{*} Drought Contingency Plan (DCP) Stage 3 and 4 implementation costs are included in the current Austin Water O&M budget. However, these costs do not address the community costs/impacts of additional restrictions.