#### APPENDIX 11A

#### IMPLEMENTATION SURVEY TEMPLATE FOR 2011 REGION K PLAN PROJECTS

- Table 11A.1 Summary of TWDB Template Containing Survey Results of Implementation Status of Water Management Strategies from the 2011 Region K Water Plan
- Table 11A.2 Full TWDB Template Containing Survey Results of Implementation Status of Water Management Strategies from the 2011 Region K Water Plan

								Initial Volume				(Phased)		Year project	Included
Sponsor	Recommended Water Management Strategy	Capital Cost	SS2010	Project Description	Infrastructure Type	At what level of Implementation * is the project?*	If not implemented, why?*	of Water Provided (acft/yr)	Funds Expended to Date (\$)	Year the Project is Online?*	Is this a phased project?*	Volume	(Phased) Ultimate Project Cost (\$)	reaches What is the project funding capacity?* source(s)?*	in the 2016 Plan?*
AQUA WSC	Additional municipal conservation	\$0		Conservation- Municipal Conservation-Industrial	Other	Currently Operating		n/a	\$		11 No	(	(4)	2070 Unknown	Yes
				Conservation - Voluntary Irrigation Measures (Residential and		and the second									
AQUA WSC	Drought management	\$0		Commercial)		Currently Operating		n/a			11 Yes	n/a		2060 Other	Yes
AQUA WSC AUSTIN	Expansion of Carrizo-Wilcox Aquifer	\$6,248,640 \$0		Groundwater Expansion	Wells	Not Implemented	Too soon	11.020	\$	-	11 //	27.270	Φ.	2070	Yes
AUSTIN	City of Austin conservation City of Austin direct reuse (municipal and	\$0	11,030	Conservation - Municipal	Other	Currently Operating		11,030	)	20	11 Yes	36,370	\$0	2070	Yes
AUSTIN	manufacturing)	\$302,250,510	5,143	Direct Reuse	Pipeline	Currently Operating		5,143	3	201	11 Yes	40,468	\$228,113,592	2070	Yes
AUSTIN	City of Austin direct reuse (steam-electric)	\$302,250,510	2,315	Direct Reuse	Pipeline	Currently Operating		2,315	5	201	11 Yes	13,315	\$74,136,918	2070	Yes
AUSTIN	City of Austin return flows	\$0	27,188	accessing return flows in system	No Infrastructure	Currently Operating		27,188	\$ \$	0 201	11 Yes	39,528	0	2070	Yes
AUSTIN	Downstream return flows	\$0	C	accessing return flows in system	No Infrastructure	Not Implemented	Too soon	1			Yes	2,375	0	2070	No
BARTON CREEK WEST WSC	Municipal conservation Purchase water from West Travis County	\$0	37	Conservation - Municipal	Other	Currently Operating		n/a	1	201	11 Yes			2060	Yes
BARTON CREEK WEST WSC	Regional Water Supply	\$0		Increased contract	No Infrastructure	Not Implemented	Other	<u> </u>		<u> </u>	Ш	<u> </u>			No
BASTROP	Expansion of other aquifer	\$1,721,920		Groundwater Expansion	Wells	Not Implemented	Other	,		004	44 1/			2010	No
BASTROP	Municipal conservation	\$0	146	Conservation - Municipal	Other	Currently Operating		n/a	1	20	11 Yes			2060	Yes
BASTROP COUNTY WCID #2	Expansion of Carrizo-Wilcox Aquifer	\$0		Groundwater Expansion	Wells	Not Implemented	Too soon								Yes
BEE CAVE VILLAGE	Municipal conservation	\$0	106	Conservation - Municipal	Other	Currently Operating		n/a	1	201	11 Yes			2060	Yes
BEE CAVE VILLAGE	Purchase water from West Travis County Regional Water Supply	\$0	830	Increased contract	No Infrastructure	Not Implemented	Other								No
BERTRAM	Expansion of Ellenburger-San Saba Aquifer	\$0		Groundwater Expansion	No Infrastructure	Not Implemented	Too soon								Yes
BERTRAM		\$0		·	Othor			369.8	s \$	0 201	11 Voo			20/0	Vaa
BRIARCLIFF VILLAGE	Municipal conservation Amend LCRA contract	\$0		Conservation - Municipal Increased contract	Other No Infrastructure	Currently Operating Currently Operating		400		0 201	11 Yes			2060 Unknown	Yes No
BRIARCLIFF VILLAGE	Municipal conservation	\$0		Conservation - Municipal	Other	Currently Operating				201	11 Yes			2060	Yes
BUDA	Development of Carrizo-Wilcox Aquifer	\$6,807,200	C	HCPUA Pipeline	Pipeline	Feasibility Study Ongoing									Yes
BUDA CIMARRON PARK WATER	Development of saline zone of Edwards- Balcones Fault Zone Aquifer  Development of saline zone of Edwards-	\$1,391,124	С	Groundwater Development	Wells	Feasibility Study Ongoing									Yes
COMPANY	Balcones Fault Zone Aquifer	\$1,669,349		Groundwater Development	Wells	Feasibility Study Ongoing									No
				Reduction - Voluntary and Mandatory Irrigation Measures (Residential and Commercial)											
CIMARRON PARK WATER COMPANY	Drought management	\$0	109		No Infrastructure	Currently Operating		n/a	\$	0 201	11 Yes	n/s	n/a	2070 Unknown	No
COMPANY	Drought management	30	109	Conservation - Municipal Conservation-Irrigation Conservation - Other	No iiii asti ucture	currently Operating		IIV d	\$	0 201	THES	IV a	II/ d	2070 UNINIOWII	NO
CIMARRON PARK WATER COMPANY	Municipal conservation	\$0	24		No Infrastructure	Currently Operating		n/a	\$	0 201	11 Yes	o 106 gpcd	n/a	2070 Unknown	No

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												(5)				l l
							If not	Initial Volume		Voortho	lo thio o	(Phased)	(Dhoood)	Year project	\//batiatba	Included
						At what level of Implementation	If not implemented,	of Water Provided	Funds	Year the Project is	Is this a phased	Ultimate Volume	(Phased) Ultimate		What is the project funding	in the
Sponsor	Recommended Water Management Strategy	Canital Cost	\$\$2010	Project Description	Infrastructure Type	· · · · · · · · · · · · · · · · · · ·	why?*	(acft/yr)	Date (\$)	Online?*	priased project?*		Project Cost (\$)	ranacity?*		Plan?*
CIMARRON PARK WATER		oapital ooot	0020.0	i reject zees ip non	init dott dottar o 13po	is the project.		(40.47)	Date (4)	01111101	p. ojour.	(doi: i/ j. /	. το jest σουτ (ψ)	oapaoitj i	304.00(0):	1 10111
COMPANY	Water allocation	\$0	17	Water allocation	No Infrastructure	Not Implemented	Other									No
COTTONWOOD SHORES	Amend LCRA contract	\$0	26	Increased contract	No Infrastructure	Currently Operating		49	95	\$0						Yes
COUNTY-OTHER, BASTROP	Additional municipal conservation	\$0	(	Conservation - Municipal	Other	Not Implemented	Too soon									No
COUNTY-OTHER, BASTROP	Development of Carrizo-Wilcox Aquifer	\$5,434,871		Groundwater Development	Wells	Not Implemented	Too soon									No
GOOTH OTHER, BROTHOL	Development of damizo wilcox riquiter	Ψυ,τυτ,υτι		Groundwater Bevelopment	WClis	Not implemented	100 30011									110
COUNTY-OTHER, BASTROP	Expansion of Carrizo-Wilcox Aquifer	\$4,280,640	(	Groundwater Development	Wells	Not Implemented	Too soon									Yes
COUNTY-OTHER, BLANCO	Development of Ellenburger-San Saba Aquifer	\$1,977,110	C	Groundwater Development	Wells	Not Implemented	Too soon									No
COUNTY-OTHER, BURNET	Expansion of Ellenburger-San Saba Aquifer	\$8,367,840	,	Groundwater Development	Mollo	Not Implemented	Too soon									No
COUNTY-OTHER, BURNET	Expansion of Elienburger-Sair Saba Aquiler	\$0,307,040		Groundwater Development	Wells	Not Implemented	Too soon									No
COUNTY-OTHER, BURNET	Expansion of Trinity Aquifer	\$2,029,440		Groundwater Development	Wells	Not Implemented	Too soon									No
,	7 1	, ,, ,, ,, ,,				-										
COUNTY-OTHER, COLORADO	Expansion of Gulf Coast Aquifer	\$0	105	Groundwater Development	Wells	Not Implemented	Too soon									Yes
COLINEY CTUES 5	5		Ī .			Notice to a second										
COUNTY-OTHER, FAYETTE	Expansion of Gulf Coast Aquifer	\$0	- 0	Groundwater Development	Wells	Not Implemented	Too soon				+	-				Yes
COUNTY-OTHER, FAYETTE	Expansion of Sparta Aquifer	\$0	123	Groundwater Development	Wells	Not Implemented	Too soon									No
GOOTT OTHER, TATELLE	Development of saline zone of Edwards-	Ψ	120	Groundwater Beveropment	VVCIIS	Not implemented	100 30011									110
COUNTY-OTHER, HAYS	Balcones Fault Zone Aquifer	\$16,693,491	C	Groundwater Development	Wells	Feasibility Study Ongoing										Yes
COUNTY-OTHER, HAYS	Purchase water from City of Austin	\$2,280,200		Water purchase	Pipeline	All Phases Fully Implemented		110	00 n/a	201						No
COUNTY-OTHER, LLANO	Municipal conservation	\$0	873	Conservation - Municipal	Other	Currently Operating				201	12 Yes			2060		No
COUNTY-OTHER, MILLS	Expansion of Trinity Aquifer	¢.c	,	Groundwater Development	Na lafaa day ada	Not local assessed	T									NI-
CREEDMOOR-MAHA WSC	New LCRA contracts	\$0 \$0		New water contract	No Infrastructure No Infrastructure	Not Implemented  Not Implemented	Too soon Too soon				+					No Yes
DRIPPING SPRINGS	Amend LCRA contract	\$0		Increased contract	No Infrastructure	Not Implemented	Other									No
		40			i vo mm dott dottal o	The timple mented	0									1
				Conservation - Municipal												
DRIPPING SPRINGS	Municipal conservation	\$0		Conservation-Irrigation	Other	Currently Operating		n/a	) ( NI / A	\$0 201	11 Yes	748	n/a	2070	Unknown	Yes
DRIPPING SPRINGS WSC ELGIN	Amend LCRA contract Drought management	\$0 \$0		Increased contract Drought Management	No Infrastructure No Infrastructure	Currently Operating Currently Operating		n/a	26 N/A							No Yes
LLGIN	Drought management	ΦU		Drought Management	No illifasti ucture	Currently Operating		11/ a								162
ELGIN	Expansion of Carrizo-Wilcox Aquifer	\$2,082,880		Groundwater Development	Wells	Not Implemented	Too soon									Yes
ELGIN	Municipal conservation	\$0			No Infrastructure	Currently Operating				201	I1 Yes			2060		No
ELGIN	New LCRA contracts	\$17,556,000	(	New water contract	Water Treatment P	la Not Implemented	Too soon									Yes
			_			L	_									
FAYETTE WSC	Development of other aquifer	\$2,887,868	- 0	Groundwater Development	Wells	Not Implemented	Too soon				+	-				No
FAYETTE WSC	Expansion of Gulf Coast Aquifer	\$676,480	,	Groundwater Development	Wells	Not Implemented	Other									No
TAILLIL VVJO	Expansion or our coast Aquilei	Ψυ / υ,400		S. Suriawater Development	v v C II 3	130 implemented	Juliol	1			+	+				1.40
GOFORTH WSC	Water transfer	\$0	11	Water tranfer between basins	No Infrastructure	Currently Operating		1	1	\$0 201	11					No
						, , , , , , , , , , , , , , , , , , ,										
				Reduction - Voluntary and												
				Mandatory Irrigation Measures												
GOLDTHWAITE	Drought management	\$0		(Residential and Commercial)	No Infrastructure	Currently Operating		n/a			I1 No	1745	5	2070	Unknown	Yes
GOLDTHWAITE	Expansion of Trinity Aquifer	\$1,352,960	109	2 new GW wells	Wells	All Phases Fully Implemented			8 n/a		I2 No				Unknown	No
GOLDTHWAITE	Goldthwaite Channel Dam	\$1,841,800	300	In-channel dam	Impoundment	Permit Application Submitted/Pend	ding									No
GOLDTHWAITE	Municipal conservation	фO		Conservation - Municipal	Othor	Currently Operating		n/2		\$0 201	12 Voc	of 10 ~~-		2070	Unknown	Voc
GOLDTHWAITE	New LCRA contracts	\$0 \$0		New water contract	Other No Infrastructure	Currently Operating  Not Implemented	Other	n/a		<b>⊅</b> ∪ 201	13 Yes	of 10 gpcc	l l	2070	Unknown	Yes No
GRANITE SHOALS	Amend LCRA contract	\$0		Increased contract	No Infrastructure	Not Implemented	Too soon				+	1				Yes
		40	Ì			, p. 1					1					
IRRIGATION, BASTROP	Expansion of Queen City Aquifer	\$0	98	Groundwater Development	Wells	Currently Operating		n/a		\$0 201	11					No
	Temporary drought period use of Queen City															I 7
IRRIGATION, BASTROP	Aquifer	\$0	21	Groundwater use beyond the MAG	No Infrastructure	Not Implemented	Other	<u> </u>					<u> </u>			No

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							If not	Initial Volume of Water	Funds	Year the	Is this a	(Phased) Ultimate	(Phased)	Year project reaches	What is the	Included in the
Sponsor	Recommended Water Management Strategy	Capital Cost	SS2010	Project Description	Infrastructure Type	At what level of Implementation * is the project?*	implemented, why?*	Provided (acft/yr)	Expended to Date (\$)		phased project?*	Volume	Ultimate	maximum	project funding	
IRRIGATION, COLORADO	City of Austin return flows	\$0	1,876	Accessing return flows in system	No Infrastructure	Currently Operating				50 201	1					Yes
IRRIGATION, COLORADO	Downstream return flows	\$0	0	Accessing return flows in system	No Infrastructure	Not Implemented	Too soon									No
IRRIGATION, COLORADO	Irrigation district conveyance improvements	\$0	0	Irrigation Conservation	Other	Currently Operating		343	0	201	1					Yes
IRRIGATION, FAYETTE	Expansion of Sparta Aquifer	\$0	20	Groundwater Development	Wells	Not Implemented	Other									No
IRRIGATION, MATAGORDA	City of Austin return flows	\$0	16,728	Accessing return flows in system	No Infrastructure	Currently Operating				201	1					Yes
IRRIGATION, MATAGORDA	Downstream return flows	\$0	0	Accessing return flows in system	No Infrastructure	Not Implemented	Too soon									No
IRRIGATION, MATAGORDA	House Bill 1437 on-farm conservation	\$3,207,034	0	On-farm conservation	Other	Not Implemented	Too soon									No
IRRIGATION, MATAGORDA	Irrigation district conveyance improvements	\$0	0	Irrigation Conservation	Other	Currently Operating		490	0	201	1					Yes
IRRIGATION, MILLS IRRIGATION, MILLS	Expansion of Trinity Aquifer Water allocation	\$0 \$0		Groundwater Development Reallocation of supplies	Wells No Infrastructure	Currently Operating		66	7 n/a	201 30 201						Yes No
·		7.2				Currently Operating		5								
IRRIGATION, WHARTON	City of Austin return flows	\$0		Accessing return flows in system	No Infrastructure	Currently Operating	T			50 201	1					Yes
IRRIGATION, WHARTON	Downstream return flows	\$0	0	Accessing return flows in system	No Infrastructure	Not Implemented	Too soon									No
IRRIGATION, WHARTON	House Bill 1437 on-farm conservation	\$610,863	4,000	On-farm conservation	Other	Sponsor Has Taken Official Action to Initiate Project										No
IRRIGATION, WHARTON	Irrigation district conveyance improvements	\$0		Irrigation Conservation	Other	Currently Operating		147	0 n/a	201	1					Yes
JONESTOWN KINGSLAND WSC	Amend LCRA contract Amend LCRA contract	\$0 \$0		Increased contract Increased contract	No Infrastructure No Infrastructure	Not Implemented Currently Operating	Other	65	0	\$0 201	1					No No
LAKE LBJ MUD	Municipal conservation	\$0		Conservation - Municipal	Other	Not Implemented	Other			201	<u> </u>					No
LAKEWAY	Amend LCRA contract	\$0	1,285	Increased contract	No Infrastructure	Not Implemented	Too soon									No
LAKEWAY	Municipal conservation	\$0		Conservation- Municipal Conservation - Irrigation Conservation - Other Conservation - Industrial	No Infrastructure	Currently Operating		n/a		§0 201	1 Yes	reduction to	o 176 gpcd	2060	Unknown	Yes
LIVESTOCK, BURNET	Expansion of Trinity Aquifer	\$226,780	23	Groundwater Development	Wells	Not Implemented	Other									No
LIVESTOCK, COLORADO	Expansion of Gulf Coast Aquifer	\$246,500	25	Groundwater Development	Wells	Not Implemented	Other									No
LIVESTOCK, FAYETTE	Development of other aquifer	\$216,920	22	Groundwater Development	Wells	Not Implemented	Other									No
LIVESTOCK, LLANO	Expansion of Hickory Aquifer	\$611,320	62	Groundwater Development	Wells	Not Implemented	Other									No
LIVESTOCK, MATAGORDA	Expansion of Gulf Coast Aquifer	\$552,160	56	Groundwater Development	Wells	Not Implemented	Other									No
LLANO	Development of Ellenburger-San Saba Aquifer	\$3,624,413	478	Groundwater Development	Wells	Not Implemented	Other									No
LLANO	Development of Hickory Aquifer	\$4,697,200		Groundwater Development	Wells	Sponsor Has Taken Official Action to Initiate Project										Yes
LLANO	Municipal conservation	\$0	100	Conservation - Municipal	Other	Currently Operating		n/a		201	1 Yes			2060		Yes
LOWER COLORADO RIVER AUTHORITY	Amend LCRA contract	\$0	846	Increased contract	No Infrastructure	Currently Operating		n/a		201	1 Yes			2060		Yes
LOWER COLORADO RIVER AUTHORITY	Aquifer storage and recovery	\$168,711,000	0	Aquifer Storage and Recovery	Wells	Not Implemented	Too soon									Yes
LOWER COLORADO RIVER AUTHORITY	Conjunctive use of groundwater - includes overdraft	\$0	0	Groundwater Development	No Infrastructure	All Phases Fully Implemented		n/a		201	2					No
LOWER COLORADO RIVER AUTHORITY LOWER COLORADO RIVER	Development of new rice varieties Enhanced municipal and industrial	\$0		Conservation - Irrigation Conservation - Municipal and	No Infrastructure	Not Implemented	Other									No
AUTHORITY	conservation	\$0		Industrial	Other	Currently Operating		270	0	201	1 Yes			2060		Yes
	•				•											

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								Initial Volume				(Phased)		Year project		Included
						At what level of Implementation	If not implemented,	of Water Provided	Funds Expended to	Year the	Is this a phased	Ultimate Volume	(Phased) Ultimate		What is the project funding	in the
Sponsor	Recommended Water Management Strategy	Capital Cost	SS2010	Project Description	Infrastructure Type		why?*	(acft/yr)	Date (\$)	Online?*	project?*	(acft/yr)			source(s)?*	Plan?*
LOWER COLORADO RIVER	Firm-up run-of-river with off-channel reservoir -															
AUTHORITY	LCRA/SAWS project (Region K Component)	\$0	0	Lane City reservoir	Other	Under Construction										Yes
LOWER COLORADO RIVER	LCRA Water Management Plan interruptible			Implementation of water												
AUTHORITY	water supply	\$0	255,493	management plan	No Infrastructure	All Phases Fully Implemented				201	1					Yes
LOWER COLORADO RIVER AUTHORITY	On-farm conservation	\$0	0	On-farm conservation		Currently Operating		see Irrigation		201	1					Yes
LOWER COLORADO RIVER		,,,				y -pg		Jaconinganan								
AUTHORITY	Reuse by Highland Lakes communities	\$15,920,000		Reuse	Pipeline	Currently Operating		n/a	n/a	201						No
MANOR MANOR	Municipal conservation New LCRA contracts	\$0 \$0		Conservation - Municipal New water contract	Other No Infrastructure	Currently Operating  Not Implemented	Too soon			201	1 Yes			2060		No No
MANOK	New Lorra Contracts	φυ	0	New Water contract	No minastructure	Not implemented	100 30011									INO
MANUFACTURING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	\$0	8	Groundwater Development	No Infrastructure	Not Implemented	Too soon									Yes
MANUFACTURING, FAYETTE	Expansion of Gulf Coast Aquifer	\$0	0	Groundwater Development	No Infrastructure	Not Implemented	Too soon									Yes
MANOTACTORING, FATETTE	Expansion of Guil Coast Aquilei	φυ	0	Groundwater Development	No minastructure	Not implemented	100 30011									163
MANUFACTURING, FAYETTE	Expansion of Sparta Aquifer	\$0	45	Groundwater Development	No Infrastructure	Not Implemented	Too soon				1					No
MANUFACTURING, HAYS	Development of Trinity Aquifer	\$4,084,198	0	Groundwater Development	Wells	Not Implemented	Too soon									No
MANUFACTURING, HAYS	Drought management	\$4,064,196		Drought Management		All Phases Fully Implemented	100 30011			201	1					No
MANUFACTURING,	Temporary drought period use of Gulf Coast	, ,		<del>-</del>		,										
MATAGORDA	Aquifer	\$0	0	Groundwater Development	No Infrastructure	Not Implemented	Other									No
MANUFACTURING, WHARTON	Expansion of Gulf Coast Aquifer	\$0	0	Groundwater Development	No Infrastructure	Not Implemented	Too soon									No
MANVILLE WSC	New LCRA contracts	\$0		New water contract	No Infrastructure	Not Implemented	Too soon									Yes
MARBLE FALLS	Amend LCRA contract	\$0		Increased contract	No Infrastructure	Not Implemented										Yes
MARBLE FALLS MEADOWLAKES	Municipal conservation Amend LCRA contract	\$0 \$0		Conservation - Municipal Increased contract	Other  No Infrastructure	Currently Operating  Not Implemented	Too soon	n/a		201	1 Yes			2060		Yes No
IVIEADOVVLANES	Amend LCRA Contract	\$0	241	increased contract	No illitastructure	Not implemented	100 20011									INO
				Conservation - Municipal												
MEADOWLAKES	Municipal conservation	\$0	77	Conservation - Irrigation	Other	Currently Operating		n/a	\$	0 201	1 Yes			2060	Unknown	Yes
MINING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	\$3,219,360	1 202	Groundwater Development	Wells	Not Implemented	Other									No
Williams, DASTROI	Expansion of carried-vincox Aquirer	ψ3,217,300	4,273	Groundwater Development	VVCIIS	Not implemented	Otrici									140
MINING, BURNET	Expansion of Ellenburger-San Saba Aquifer	\$6,114,960	681	Groundwater Development	Wells	Not Implemented	Other									Yes
MINING, BURNET	Expansion of Trinity Aquifer	\$0	7	Groundwater Development	No Infrastructure	Currently Operating		246	\$ \$	0						No
Will Will Gold Co.	Expansion of Trimey requires	ΨΟ		or definitivator beverapment	TVO IIII GOLGICO	our only operating		2.0	,	9						110
MINING, COLORADO	Development of other aquifer	\$0	4,269	Groundwater Development	No Infrastructure	Not Implemented	Too soon									No
MINING, COLORADO	Expansion of Gulf Coast Aquifer	\$0	4 300	Groundwater Development	No Infrastructure	Currently Operating		2121	\$	0						No
Williams of opening of	Expansion of can obast/squilor	ΨΟ	4,500	or definitivator boveropment	IVO IIII asti actare	our entry operating		2121	Ψ	9						110
MINING, FAYETTE	Expansion of Gulf Coast Aquifer	\$0		Groundwater Development	No Infrastructure	Not Implemented	Too soon									Yes
MOUNTAIN CITY MOUNTAIN CITY	Drought management Municipal conservation	\$0 \$0		Drought Management Conservation - Municipal	No Infrastructure Other	All Phases Fully Implemented		n/a n/a	n/a n/a	201 201						No
PFLUGERVILLE	Amend LCRA contract	\$0 \$0		Increased contract	No Infrastructure	Currently Operating  Not Implemented	Too soon	11/ a	11/ d	201	1					No Yes
TT EGGERVILLE	Alliend Edit Contract	ΨΟ		more dased dontract	140 mm dott dottare	Not implemented	100 30011									103
				Conservation - Municipal												
PFLUGERVILLE	Municipal conservation	\$0	541	Conservation - Irrigation Conservation - Other	Other	Currently Operating		n/a	\$	0 201	1 Yes			2060	Unknown	Yes
		ΨΟ	571	0.00	3	operating		.,,	, , , ,	201				2000	O*****	1.55
POLONIA WSC	Expansion of Carrizo-Wilcox Aquifer	\$0		Expand supply from groundwater	No Infrastructure	Not Implemented	Too soon	,								No
RICHLAND SUD	Municipal conservation	\$0	13	Conservation - Municipal	No Infrastructure	Currently Operating		n/a								No
RIVER PLACE ON LAKE AUSTIN	Amend LCRA contract	\$0	438	Increased contract	No Infrastructure	Not Implemented	Other									No

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Table 11A-1: Summary of TWDB Template Containing Survey Results of Implementation Status of Water Management Strategies from the 2011 Region K Water Plan

												(DI I)		.,		1
								Initial Volume				(Phased)	(5)	Year project		Included
								of Water	Funds		Is this a	Ultimate	(Phased)		What is the	in the
						At what level of Implementation		Provided		Project is	phased	Volume	Ultimate		project funding	
Sponsor	Recommended Water Management Strategy	Capital Cost	SS2010	Project Description	Infrastructure Type*	is the project?*	why?*	(acft/yr)	Date (\$)	Online?*	project?*	(acft/yr)	Project Cost (\$)	capacity?*	source(s)?*	Plan?*
				Conservation - Municipal												
RIVER PLACE ON LAKE AUSTIN	Municipal conservation	\$0	132	Conservation- Irrigation	Other	Currently Operating		424	\$0	2011	Yes	339.2			Other	Yes
ROLLINGWOOD	Municipal conservation	\$0	31	Conservation - Municipal	Other	Currently Operating		n/a		2011	Yes			2060		Yes
ROLLINGWOOD	New LCRA contracts	\$0	0	New water contract	No Infrastructure	Not Implemented	Too soon									Yes
ROUND ROCK	House Bill 1437 for Williamson County	\$0	126	Water from BRA	No Infrastructure	Currently Operating		233	n/a							No
ROUND ROCK	Municipal conservation	\$0	32	Conservation - Municipal	Other	Currently Operating		n/a	n/a	2011	Yes			2060		Yes
SCHULENBURG	Expansion of Yegua-Jackson Aquifer	\$0		Expand supply from groundwater	No Infrastructure	Not Implemented	Too soon							<u> </u>		No
SCHULENBURG	Municipal conservation	\$0	43	Conservation - Municipal	Other	Currently Operating		n/a	n/a	2012	Yes			2060		Yes
		·													· · · · · · · · · · · · · · · · · · ·	
SMITHVILLE	Development of Queen City Aquifer	\$4,190,135	0	Groundwater Development	Wells	Not Implemented	Too soon									Yes
SMITHVILLE	Drought management	\$0	0	Drought Management	No Infrastructure	Not Implemented	Too soon									Yes
SMITHVILLE	Expansion of Carrizo-Wilcox Aquifer	\$1,041,440	49	Groundwater Development	Wells	Currently Operating		1018	n/a	2011						No
SMITHVILLE	Municipal conservation	\$0	25	Conservation - Municipal		Currently Operating		n/a	n/a	2012	Yes			2060		Yes
STEAM ELECTRIC POWER,	·			·		<u> </u>										
BASTROP	Amend LCRA contract	\$0	0	Increased contract	No Infrastructure	Not Implemented	Too soon									No
STEAM ELECTRIC POWER,																
FAYETTE	New LCRA contracts	\$0	0	New water contract	No Infrastructure	Not Implemented	Too soon									No
STEAM ELECTRIC POWER,	Blend brackish surface water in South Texas															
MATAGORDA	Project Nuclear Operating Company Reservoir	\$0	0	Blend brackish surface water	No Infrastructure	Not Implemented	Other									Yes
STEAM ELECTRIC POWER,						•										
MATAGORDA	City of Austin return flows	\$0	1,000	Accessing return flows in system	No Infrastructure	Currently Operating		n/a								Yes
STEAM ELECTRIC POWER,		-		y y		<i>y</i> 1 <i>y</i>										
MATAGORDA	Downstream return flows	\$0	0	Accessing return flows in system	No Infrastructure	Not Implemented	Too soon									No
STEAM ELECTRIC POWER,	Expand supply from South Texas Project	-		y y		'										
MATAGORDA	Nuclear Operating Company Reservoir	\$0	193	Expand supply from reservoir	No Infrastructure	Not Implemented	Other									No
STEAM ELECTRIC POWER,	1 3 1 3			1 113												
MATAGORDA	New LCRA contracts	\$0	0	New water contract	No Infrastructure	Not Implemented	Other									No
STEAM ELECTRIC POWER,		•				•										
MATAGORDA	Water right permit amendment	\$0	0	Water right permit amendment	No Infrastructure	Permit Application Submitted/Pend	ding							]		Yes
STEAM ELECTRIC POWER,	· ·			•		11	l									$\vdash$
WHARTON	Development of Gulf Coast Aquifer	\$164,000	0	Groundwater Development	Wells	Not Implemented	Too soon							]		Yes
	1 11 1			F		•										$\vdash$
TRAVIS COUNTY WCID #18	Amend LCRA contract	\$0	0	Increased contract	No Infrastructure	Currently Operating		1736	\$0					]		No
WEST LAKE HILLS	Municipal conservation	\$0		Conservation - Municipal		Currently Operating		n/a	1	2011	Yes			2060		Yes
WEST LAKE HILLS	New LCRA contracts	\$0				Not Implemented	Too soon									Yes
WEST TRAVIS COUNTY		7.0				•										$\vdash$
REGIONAL WS	Municipal conservation	\$0	17	Conservation - Municipal	Other	Not Implemented	Other							]		No
	'			. I		•										
														]		
														]		
WHARTON	Municipal conservation	\$0	41	Conservation - Municipal	No Infrastructure	Currently Operating		n/a	\$0	2011	Yes			2070	Unknown	Yes
WINDERMERE UTILITY	Pro transfer and the second	<b>4</b> 5		and the second part of the secon		. 7 - 11 - 1 - 13			1							
COMPANY	New LCRA contracts	\$0	0	New water contract	No Infrastructure	Not Implemented	Too soon		\$0					]		No
L		ΨΟ	Ŭ	<del></del>				1		1	1	1	l .	I		

5 of 5 November 2015

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												Y denotes							Project Cost (\$)	
												strategies with					Initial Volume	L .	(should include	
	WMS			DB								supply volumes			At what level of	If not	of Water	Funds	development and	
	Sponsor Entity Id	Chancar	Recommended Water Management Strategy	Project Id	Capital Cost	SS2010	SS2020	SS2030	CC2040	CCOUEU	ccan4n	included in other strategies	Project Description	Infrastructure Type	Implementation is the	implemented, why?*	Provided (acft/yr)	Expended to Date (\$)	construction costs)	Project is Online?*
Region	Entity Id	Sponsor	Strategy	Iu	Capital Cost	332010	552020	332030	332040	332030	332000	strategies	Project Description	inirastructure rype	project?"	wny?"	(acrt/yr)	Date (\$)	COSTS)	Online?"
													Conservation- Municipal							
K	194	AQUA WSC	Additional municipal conservation	756	\$0	0	0	0	122	396	908	B N		Other	Currently Operating		n/a	\$(	0	201
-				1	7.2										Transfer and the second			-		
													Conservation - Voluntary							
													Irrigation Measures							
K		AQUA WSC	Drought management	757		0	0	0	0	0	898		(Residential and Commercial)		Currently Operating		n/		~	50 2011
K		AQUA WSC	Expansion of Carrizo-Wilcox Aquifer	350			0	602						Wells	Not Implemented	Too soon		\$(	0	
K	7	AUSTIN	City of Austin conservation	344	\$0	11,030	18,795	24,036	25,385	30,401	36,370	) N	Conservation - Municipal	Other	Currently Operating		11,03	0		2011
	_	ALIOTIAL	City of Austin direct reuse (municipal	400									D D							
K	/	AUSTIN	and manufacturing)	403	\$302,250,510	5,143	13,620	22,077	30,268	36,218	40,468	B N	Direct Reuse	Pipeline	Currently Operating		5,14	3		2011
V	7	AUSTIN	City of Austin direct reuse (steam- electric)	404	\$302,250,510	2 215	2 215	7 21 5	0.215	10 015	10 015	5 N	Direct Reuse	Dinalina	Currently Operating		2,31	_		2011
K		AUSTIN	electricy	404	\$302,250,510	2,315	3,315	7,315	8,313	12,315	13,315		accessing return flows in	Pipeline	Currently Operating		2,31	ס		201
v	7	AUSTIN	City of Austin return flows	384	90	27,188	24,954	25,962	22 5/0	33,263	39,528		system	No Infrastructure	Currently Operating		27,18	8 \$(	0	0 2011
K		AOSTIN	City of Austin Teturn nows	304	\$0	27,100	24,734	25,702	33,347	33,203	37,320	) IV	accessing return flows in	No imitastructure	currently operating		27,10	Ψ	0	0 2011
K	7	AUSTIN	Downstream return flows	386	\$0	n	ი	238	950	1,781	2,375	5 N		No Infrastructure	Not Implemented	Too soon				
		-		- 550		<u> </u>	t		, 50	.,,,,,,	_,5.0	1	, ··		, , , , , , , , , , , , , , , , , , ,	1	1			
K	221	BARTON CREEK WEST WSC	Municipal conservation	220	\$0	37	68	97	123	147	163	N N	Conservation - Municipal	Other	Currently Operating	1	n/	'a		2011
			Purchase water from West Travis			İ				İ			,					İ		
K		BARTON CREEK WEST WSC	County Regional Water Supply	629	\$0	16	0	0	0	0	C	) N	Increased contract	No Infrastructure	Not Implemented	Other				
K		BASTROP	Expansion of other aquifer	365			416							Wells	Not Implemented	Other				
K	224	BASTROP	Municipal conservation	220	\$0	146	396	755	1,224	1,438	1,728	N N	Conservation - Municipal	Other	Currently Operating		n/	a		2011
		DAGEDOR COLUNTALISMO #0	5 1 50 1 1411 4 15	050				_								L				
K		BASTROP COUNTY WCID #2	Expansion of Carrizo-Wilcox Aquifer	350		10/	0	0	(00	0	144			Wells	Not Implemented	Too soon		, .		0044
K	233	BEE CAVE VILLAGE	Municipal conservation Purchase water from West Travis	220	\$0	106	247	417	600	778	965	5 N	Conservation - Municipal	Other	Currently Operating		n/	а		2011
V	222	BEE CAVE VILLAGE	County Regional Water Supply	629	90	830	925	989	1,015	990	958	N N	Increased contract	No Infrastructure	Not Implemented	Other				
K		BERTRAM	Expansion of Ellenburger-San Saba	354			723	707	1,013	770	24			No Infrastructure	Not Implemented	Too soon				
K	243	DEKTIKAWI	Expansion of Elichburger-Sam Saba	334	Ψ0			0		0	27	T IN	orounawater Expansion	No imitastructure	Not implemented	100 30011				
K	245	BERTRAM	Municipal conservation	220	\$0	22	54	80	91	96	106	s N	Conservation - Municipal	Other	Currently Operating		369.	8 \$(	0	2011
K		BRIARCLIFF VILLAGE	Amend LCRA contract	348				0	21					No Infrastructure	Currently Operating		40			
K	289	BRIARCLIFF VILLAGE	Municipal conservation	220	\$0	16	39	61	66	70	75	5 N	Conservation - Municipal	Other	Currently Operating					2011
K	307	BUDA	Development of Carrizo-Wilcox	367	\$6,807,200	0	1,687	1,687	1,687	1,687	1,687	7 N	HCPUA Pipeline	Pipeline	Feasibility Study Ongoir	ng				
			Development of saline zone of																	
K	307	BUDA	Edwards-Balcones Fault Zone Aquifer	788	\$1,391,124	0	0	0	0	0	500	) N	Groundwater Development	Wells	Feasibility Study Ongoir	ng				
		CIMARRON PARK WATER	Development of saline zone of																	
K	356	COMPANY	Edwards-Balcones Fault Zone Aquifer	788	\$1,669,349	0	0	250	350	500	600	) N	Groundwater Development	Wells	Feasibility Study Ongoir	ng				
													Reduction - Voluntary and							
													Mandatory Irrigation Measures (Residential and							
													Commercial)							
																1				
		CIMARRON PARK WATER																		
K	356	COMPANY	Drought management	757	\$0	109	109	109	109	109	109	) N		No Infrastructure	Currently Operating		n/a	\$(	0	2011
													Conservation - Municipal							
													Conservation-Irrigation			1				
													Conservation - Other			1				
																1				
																1				
																1				
																1				
																1				
																1				
		CIMARRON PARK WATER														1				
K	356	COMPANY	Municipal conservation	220	\$0	24	17	13	9	.5	7	7 N		No Infrastructure	Currently Operating	1	n/a	\$(	0	2011
	550				Ψ0		1					· · ·	1	aot. aotai o	politing	Ī	· · · =	Ψ	- 1	2011

	1	I			1											1	1		1	
												Y denotes					In this I Male was		Project Cost (\$) (should include	
	\A/N AC			DB								strategies with			At what level of	If not	Initial Volume of Water		development and	Voor tho
Chancar	WMS		Recommended Water Management	DB								supply volumes included in other			Implementation is the	If not implemented,	Provided		construction	
Sponsor Region	Sponsor Entity Id	Sponsor	Strategy	Project Id	Capital Cost SS	2010	SS2020	cconso	010022	SS2050 S	03060	strategies	Project Description	Infrastructure Type		why?*	(acft/yr)	Expended to Date (\$)		Project is Online?*
Region	Littly Iu	CIMARRON PARK WATER	Strategy	Iu	Capital Cost 35	32010	332020	332030	332040	332030	332000	strategies	Project Description	illi astructure Type	projects	Wily:	(acit/yi)	Date (\$)	costs)	Offilitie:
K	356	COMPANY	Water allocation	450	\$0	17	110	0	0	0	0	N	Water allocation	No Infrastructure	Not Implemented	Other				
K		COTTONWOOD SHORES	Amend LCRA contract	348	7.7	26	198	386	601	840	1,130		Increased contract	No Infrastructure	Currently Operating	0 11101	495	5 \$0	0	
					, ,						,				i i i j i j i j i j i j				-	
K	422	COUNTY-OTHER, BASTROP	Additional municipal conservation	756	\$0	0	0	0	400	631	936	N	Conservation - Municipal	Other	Not Implemented	Too soon				
			Development of Carrizo-Wilcox										-							
K	422	COUNTY-OTHER, BASTROP	Aquifer	367	\$5,434,871	0	0	0	0	975	1,246	N	Groundwater Development	Wells	Not Implemented	Too soon				
K	422	COUNTY-OTHER, BASTROP	Expansion of Carrizo-Wilcox Aquifer	350	\$4,280,640	0	663	1,879	3,037	2,922	3,700	N	Groundwater Development	Wells	Not Implemented	Too soon				
			Development of Ellenburger-San Saba																	
K	427	COUNTY-OTHER, BLANCO	Aquifer	758	\$1,977,110	0	0	0	0	41	64	N	Groundwater Development	Wells	Not Implemented	Too soon				
.,	400	COUNTY OTHER PHIDNET	Expansion of Ellenburger-San Saba	25.4	40.07.040	0	0	0	440	004	4 4 7 0		Cdd	NA / . II	No. 1 to 1 to 1	_				
K	438	COUNTY-OTHER, BURNET	Aquifer	354	\$8,367,840	0	0	0	418	804	1,179	N	Groundwater Development	Wells	Not Implemented	Too soon				
V	420	COUNTY OTHER RUDNET	Even analog of Tripity Aguifor	2/2	¢2.020.440	0	0	480	480	541	541	N	Croundwater Davelonment	Wells	Not Implemented	Tooloop				
K	438	COUNTY-OTHER, BURNET	Expansion of Trinity Aquifer	363	\$2,029,440	U	U	480	480	0 541	541	IN	Groundwater Development	vveiis	Not Implemented	Too soon				
k	154	COUNTY-OTHER, COLORADO	Expansion of Gulf Coast Aquifer	355	\$0	105	109	106	97	93	۵٥	N	Groundwater Development	Wells	Not Implemented	Too soon				
K	430	OCCIVIT-CITIEN, COLONADO	Expansion of our coast Aquiler	333	φυ	103	109	100	71	73	70	, IN	organiawater bevelopment	V V CII 3	rvot impiomenteu	100 30011				
к	486	COUNTY-OTHER, FAYETTE	Expansion of Gulf Coast Aquifer	355	\$0	0	n	Λ	32	25	16	N	Groundwater Development	Wells	Not Implemented	Too soon				
1	700	JOSHI OMEN, IMIENE	Enpartment of our obust requires	333	#5	3	3		32	23	10	14	S. Sanavator Development		implomontou	. 55 55011				<del>                                     </del>
K	486	COUNTY-OTHER, FAYETTE	Expansion of Sparta Aquifer	362	\$0	123	120	19	0	0	0	) N	Groundwater Development	Wells	Not Implemented	Too soon				
	1.50	,	Development of saline zone of	T	1-1										,					
K	516	COUNTY-OTHER, HAYS	Edwards-Balcones Fault Zone Aquifer	788	\$16,693,491	0	250	2,500	2,500	5,000	6,000	N	Groundwater Development	Wells	Feasibility Study Ongoing	g				
K	516	COUNTY-OTHER, HAYS	Purchase water from City of Austin	374	\$2,280,200	1,100	1,100	1,100			1,100	N	Water purchase	Pipeline	All Phases Fully Impleme	ented	1100	n/a		2013
K	561	COUNTY-OTHER, LLANO	Municipal conservation	220	\$0	873	1,150	1,408	1,568	1,724	1,890	N	Conservation - Municipal	Other	Currently Operating					2012
K		COUNTY-OTHER, MILLS	Expansion of Trinity Aquifer	363		0	0	0	0	41	61	N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
K		CREEDMOOR-MAHA WSC	New LCRA contracts	346		0	431	548			807		New water contract	No Infrastructure	Not Implemented	Too soon				
K	720	DRIPPING SPRINGS	Amend LCRA contract	348	\$0	493	1,073	1,321	1,690	2,133	2,482	N N	Increased contract	No Infrastructure	Not Implemented	Other				
K K	721	DRIPPING SPRINGS DRIPPING SPRINGS WSC	Municipal conservation Amend LCRA contract	220 348 757	\$0	81	277	470	549 17	661	748 366	N	Conservation - Municipal Conservation-Irrigation Increased contract	Other No Infrastructure	Currently Operating Currently Operating			\$0 N/A	N/A	2011
K	/5/	ELGIN	Drought management	/5/	\$0	0	0	0	U	0	265	N	Drought Management	No Infrastructure	Currently Operating		n/a	1		
l <sub>v</sub>	757	FLCIN	Expansion of Carrizo Wilson Aquifor	350	\$2,002,000	0	EOF	1 10/	2 022	2 725	400	N N	Groundwater Development	Wolls	Not Implemented	Too soon				
K		ELGIN ELGIN	Expansion of Carrizo-Wilcox Aquifer  Municipal conservation	220		91	525 79	1,136	2,033	2,735	403	N N		Wells No Infrastructure	Not Implemented Currently Operating	Too soon				2011
K		ELGIN	New LCRA contracts	346		91	/ <del>/</del>	40 0	0	0	3,000		New water contract	Water Treatment Pla	a Not Implemented	Too soon		1		2011
K	757	LEGIN	New Long contracts	340	\$17,550,000	U	U				3,000	/ 11	New Water contract	Water freatment is	anot implemented	100 30011				
K	776	FAYETTE WSC	Development of other aquifer	371	\$2,887,868	0	0	79	291	548	889	N	Groundwater Development	Wells	Not Implemented	Too soon				
					12/00:/000					1										
K	776	FAYETTE WSC	Expansion of Gulf Coast Aquifer	355	\$676,480	0	257	473	491	514	544	N	Groundwater Development	Wells	Not Implemented	Other				
													Water tranfer between							
K	843	GOFORTH WSC	Water transfer	447	\$0	11	21	30	37	43	48	N N	basins	No Infrastructure	Currently Operating		11	1 \$0		2011
K	844	GOLDTHWAITE	Drought management	757	\$0	56	56	56		56	56	N	Reduction - Voluntary and Mandatory Irrigation Measures (Residential and Commercial)	No Infrastructure	Currently Operating		n/a	\$0		2011
K		GOLDTHWAITE	Expansion of Trinity Aquifer	363		109	123	232	232	325	288		2 new GW wells	Wells	All Phases Fully Impleme	ented		3 n/a		2012
K		GOLDTHWAITE	Goldthwaite Channel Dam	380		300		300	300	300	300		In-channel dam	Impoundment	Permit Application Subm					
K		GOLDTHWAITE	Municipal conservation	220		47	100	147			259		Conservation - Municipal	Other	Currently Operating		n/a	\$0	n/a	2013
K		GOLDTHWAITE	New LCRA contracts	346		300	300	300	300				1	No Infrastructure	Not Implemented	Other	_			$oxed{oxed}$
K	857	GRANITE SHOALS	Amend LCRA contract	348	\$0	0	0	0	0	14	95	N	Increased contract	No Infrastructure	Not Implemented	Too soon	<u> </u>			<b> </b>
l.,		IDDIOATION DASTOCS	F	0.15								]		l			1,			
K	989	IRRIGATION, BASTROP	Expansion of Queen City Aquifer	360	\$0	98	40	40	31	24	17	N N		Wells	Currently Operating	1	n/a	\$0		2011
V	000	IDDICATION DACTOOD	Temporary drought period use of	707	40	21	10	^	_		^	N	Groundwater use beyond the		Not Implemented	Other		1		
K	989	IRRIGATION, BASTROP	Queen City Aquifer	787	\$0	21	10	0	U	U U	0	ı IN	MAG	No Infrastructure	ivot impiementea	Other	ļ	<u> </u>	ļ	

		<u></u>											<b>.</b>							_
												Y denotes							Project Cost (\$)	/
												strategies with					Initial Volume		(should include	
	WMS			DB								supply volumes			At what level of	If not	of Water	Funds	development and	Year the
Sponsor	Sponsor		Recommended Water Management	Project								included in other			Implementation is the	implemented,			construction	Project is
•	Entity Id	Chancar	Strategy		Capital Cost	SS2010	SS2020	SS2030	010022	SS2050	ccanen		Project Description	Infrastructure Type	'	why?*		Date (\$)	costs)	Online?*
Region	Entity Id	Sponsor	Strategy	Iu	Capital Cost	332010	332020	332030	332040	332000	332000		,	inirastructure Type	project?"	wny?"	(acrt/yr)	Date (\$)	COSIS)	Online?"
													Accessing return flows in							
K	1022	IRRIGATION, COLORADO	City of Austin return flows	384	\$0	1,876	2,206	2,836	3,464	3,790	4,761	l N	system	No Infrastructure	Currently Operating			\$1	0	2011
													Accessing return flows in							
К	1022	IRRIGATION, COLORADO	Downstream return flows	386	\$0	م ا	0	19	84	168	223	N N	system	No Infrastructure	Not Implemented	Too soon				
			Irrigation district conveyance										.,							1
V	1000	IDDICATION COLODADO	_	391	40	ر ا	22 220	22.220	22 220	22,338	22,338	B N	Irrigation Conservation	Othor	Currently Operating		3430			2011
K	1022	IRRIGATION, COLORADO	improvements	391	\$0	<u> </u>	22,338	22,338	22,338	22,338	22,338	S IN	irrigation conservation	Other	Currently Operating	1	3430			2011
K	1051	IRRIGATION, FAYETTE	Expansion of Sparta Aquifer	362	\$0	20	18	16	14	12	10	N N	Groundwater Development	Wells	Not Implemented	Other				
													Accessing return flows in							
К	1131	IRRIGATION, MATAGORDA	City of Austin return flows	384	\$0	16,728	17,360	19,882	24.076	26,290	28,715	5 N	system	No Infrastructure	Currently Operating			\$(	0	2011
					, ,	,	,	,	,	,	/	1	Accessing return flows in		g	+			-	+
V	1101	IDDICATION MATACODDA	Daymatraam raturn flavos	386	40	م ا	_	193	7/1	1 412	1 000	s N	-	No Infrastructura	Not been largered	Toosoon				
K	1131	IRRIGATION, MATAGORDA	Downstream return flows	380	\$0	0	U	193	761	1,413	1,883	S IN	system	No Infrastructure	Not Implemented	Too soon				
K	1131	IRRIGATION, MATAGORDA	House Bill 1437 on-farm conservation	399	\$3,207,034	0	0	0	0	10,800	21,000	N N	On-farm conservation	Other	Not Implemented	Too soon				
			Irrigation district conveyance																	
К	1131	IRRIGATION, MATAGORDA	improvements	391	\$0	ol o	15,250	15,250	15,250	15,250	15,250	N N	Irrigation Conservation	Other	Currently Operating		4900			2011
.`			in provenients	07.	+0		.0,200	.0,200	10/200	.0/200	.0,200	1	in igation conservation	0 11.01	our entry operating		1700			+ 2011
.,	4407	IDDICATION AND C	Francisco of Talalta Accelera	2/2	40		075	0.44	100	100	10/	,	C	\A/- II	0 11 0 11					0011
K		IRRIGATION, MILLS	Expansion of Trinity Aquifer	363		289		241	180	193	186		Groundwater Development	Wells	Currently Operating		667 1			2011
K	1137	IRRIGATION, MILLS	Water allocation	450	\$0	50	0	0	0	0	0	) N	Reallocation of supplies	No Infrastructure	Currently Operating		50	\$1	0	2011
													Accessing return flows in							
К	1205	IRRIGATION, WHARTON	City of Austin return flows	384	\$0	61	121	182	241	302	362	N N	system	No Infrastructure	Currently Operating			\$(	0	2011
					, ,	-						11	Accessing return flows in		g	+			-	+
V	1205	IRRIGATION, WHARTON	Daymatraam raturn flavos	386	40	ر ا	_	1		10	10	e N	•	No Infrastructura	Not been largered	Toosoon				
K	1205	IRRIGATION, WHARTON	Downstream return flows	380	\$0	0	U	ı	5	13	19	7 IN	system	No Infrastructure	Not Implemented	Too soon				
															Sponsor Has Taken					
															Official Action to Initiate	)				
K	1205	IRRIGATION, WHARTON	House Bill 1437 on-farm conservation	399	\$610,863	4,000	4,000	4,000	4,000	4,000	4,000	N N	On-farm conservation	Other	Project					
		·	Irrigation district conveyance			· ·				,					,					+
V	1205	IRRIGATION, WHARTON	improvements	391	\$0		27,412	27,412	27 /12	27,412	27,412	N	Irrigation Conservation	Other	Currently Operating		1470	0/0		2011
K K			I I		·	100							,			OII	14701	11/ a		2011
K		JONESTOWN	Amend LCRA contract	348					416		554		Increased contract	No Infrastructure	Not Implemented	Other				
K		KINGSLAND WSC	Amend LCRA contract	348				252	253		257	7 N	Increased contract	No Infrastructure	Currently Operating		650	\$1	0	2011
K	1294	LAKE LBJ MUD	Municipal conservation	220	\$0	135	290	420	541	666	777	7 N	Conservation - Municipal	Other	Not Implemented	Other				
K	1302	LAKEWAY	Amend LCRA contract	348	\$0	1,285	1,675	1,934	2,041	2,041	2,041	1 N	Increased contract	No Infrastructure	Not Implemented	Too soon				
						, ,	,		, -	,										1
													Carram ration Marrialnal							
													Conservation- Municipal							
													Conservation - Irrigation							
													Conservation - Other							
K	1302	LAKEWAY	Municipal conservation	220	\$0	396	938	1,579	2,297	3,017	3,765	5 N	Conservation - Industrial	No Infrastructure	Currently Operating		n/a	\$(	0	2011
															,					
ĸ	1358	LIVESTOCK, BURNET	Expansion of Trinity Aquifer	363	\$226,780	23	23	23	23	23	23	B N	Groundwater Development	Walls	Not Implemented	Other				
K	1330	EIVESTOCK, BORNET	Expansion of Trinity Aquirer	303	\$220,700	23	23	23	23	23	23	J 11	diodridwater bevelopment	VVCIIS	Not implemented	Otrici				+
K	13/6	LIVESTOCK, COLORADO	Expansion of Gulf Coast Aquifer	355	\$246,500	25	25	25	25	25	25	5 N	Groundwater Development	Wells	Not Implemented	Other				
																İ				
K	1406	LIVESTOCK, FAYETTE	Development of other aquifer	371	\$216,920	22	22	22	22	22	22	2 N	Groundwater Development	Wells	Not Implemented	Other				
			,										,							1
K	1421	LIVESTOCK, LLANO	Expansion of Hickory Aquifer	357	\$611,320	62	62	62	62	62	62	N	Groundwater Development	Wells	Not Implemented	Other				
1	1101	E. LOT CON, ELF WO	Expansion of Flickory Adultor	337	Ψ011,320	. 02	02	UZ	UZ	UZ	02	- 14	S. Sanawater Development	.70113		31101			+	+
	4 400	LIVECTOCK MATACORDA	Function of Code Code Code Code Code Code Code Code	055	¢==0.410			Ę.,		_ ,		,	Construction Decision in	\\\/-!I-	Nat Incoless	045				
K	1492	LIVESTOCK, MATAGORDA	Expansion of Gulf Coast Aquifer	355	\$552,160	56	56	56	56	56	56	6 N	Groundwater Development	vveiis	Not Implemented	Other			1	
			Development of Ellenburger-San Saba													İ				
K	1587	LLANO	Aquifer	369	\$3,624,413	478	478	478	478	478	478	N N	Groundwater Development	Wells	Not Implemented	Other				
															Sponsor Has Taken					T
															Official Action to Initiate					
K	1507	LLANO	Development of Hickory Aquifer	878	\$4,697,200	512	488	406	331	261	196	s N	Groundwater Development	Walls	Project	İ				
IX							400	299	331	4/0						1	n/o		+	2011
K	1587	LLANO	Municipal conservation	220	\$0	100	205	299	383	468	558	B N	Conservation - Municipal	Other	Currently Operating	<del> </del>	n/a		<del> </del>	2011
		LOWER COLORADO RIVER														1				
K	87	AUTHORITY	Amend LCRA contract	348	\$0	846	925	989	1,015	990	958	N N	Increased contract	No Infrastructure	Currently Operating	<u> </u>	n/a		<u> </u>	2011
		LOWER COLORADO RIVER											Aquifer Storage and					•		
к	ρ7	AUTHORITY	Aquifer storage and recovery	ยบช	\$168,711,000	n	٥	n	10,000	10,000	10,000	n N	Recovery	Wells	Not Implemented	Too soon				
IX.	07	LOWER COLORADO RIVER	Conjunctive use of groundwater -	000	\$100,711,000	1	0	U	10,000	10,000	10,000	I N	l	***************************************	not implemented	1.00 30011	1		+	+
,							/0.000	/0.00-	(0.000	/0.000	(0.00-		Construction Design	N = 1 = f = · · · ·	All Disease E. II.					2015
K	87	AUTHORITY	includes overdraft	392	\$0	1 0	62,000	62,000	62,000	62,000	62,000	) N	Groundwater Development	ino intrastructure	All Phases Fully Impleme	entea	n/a		<del>                                     </del>	2012
		LOWER COLORADO RIVER														1				
K	87	AUTHORITY	Development of new rice varieties	395	\$0	0	40,800	40,800	40,800	40,800	40,800	N N	Conservation - Irrigation	No Infrastructure	Not Implemented	Other				
		LOWER COLORADO RIVER	Enhanced municipal and industrial										Conservation - Municipal and							1
к	Q7	AUTHORITY	conservation	806	¢Ω	0	0	2,000	10 000	20,000	20 000	ol N	Industrial	Other	Currently Operating	1	2700			2011
ix.	07	ACTIONITI	oonsol vation	000	ΨU		. 0	2,000	10,000	20,000	20,000	/ IN	maaamu	Other	our citing operating	1	2100			

												Y denotes							Project Cost (\$)	
												strategies with					Initial Volume		(should include	
	WMS			DB								supply volumes			At what level of	If not	of Water	Funds	development ar	d Year the
Sponsor	Sponsor		Recommended Water Management	Project								included in other			Implementation is the	implemented	, Provided	Expended to	construction	Project is
Region	Entity Id	Sponsor	Strategy	-	Capital Cost	SS2010	SS2020	SS2030	SS2040	SS2050	SS2060	strategies	Project Description	Infrastructure Type	* project?*	why?*	(acft/yr)	Date (\$)	costs)	Online?*
			Firm-up run-of-river with off-channel																	
		LOWER COLORADO RIVER	reservoir - LCRA/SAWS project (Region																	
K	87	AUTHORITY	K Component)	398	\$0	0	0	0	0	0	47,000	N O	Lane City reservoir	Other	Under Construction					
		LOWER COLORADO RIVER	LCRA Water Management Plan										Implementation of water							
K	87	AUTHORITY	interruptible water supply	387	\$0	255,493	196,568	137,643	78,718	19,793	0	N O	management plan	No Infrastructure	All Phases Fully Impleme	ented				20
		LOWER COLORADO RIVER											-							
K	87	AUTHORITY	On-farm conservation	388	\$0	0	34,150	34,150	34,150	34,150	34,150	) N	On-farm conservation		Currently Operating		see Irrigation			20
		LOWER COLORADO RIVER																		
K	87	AUTHORITY	Reuse by Highland Lakes communities	807	\$15,920,000	0	500	2,000	5,000	5,000	5,000	N C	Reuse	Pipeline	Currently Operating		n/a	n/a		20
K	1620	MANOR	Municipal conservation	220	\$0	102	235	393	490	522	557	7 N	Conservation - Municipal	Other	Currently Operating					20
K	1620	MANOR	New LCRA contracts	346	\$0	0	705	780	900	1,030	1,160	) N	New water contract	No Infrastructure	Not Implemented	Too soon				
K	1627	MANUFACTURING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	350	\$0	8	17	28	38	46	60	N N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
			·										·		'					
K	1669	MANUFACTURING, FAYETTE	Expansion of Gulf Coast Aquifer	355	\$0	0	0	0	2	20	43	3 N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
			'										,		·					
K	1669	MANUFACTURING, FAYETTE	Expansion of Sparta Aquifer	362	\$0	45	70	94	115	117	119	9 N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
		,	, special particle	T	1	<u> </u>			T	<u> </u>		1			, , , , , , , , , , , , , , , , , , , ,	1			1	
K	1690	MANUFACTURING, HAYS	Development of Trinity Aquifer	370	\$4,084,198	n	n	75	200	301	400	N N	Groundwater Development	Wells	Not Implemented	Too soon				
K		MANUFACTURING, HAYS	Drought management	757			257	257			257		Drought Management	No Infrastructure	All Phases Fully Impleme				1	20
	.070	MANUFACTURING,	Temporary drought period use of Gulf	1.57	***	207	207	207	207	207	207			ast. astars	j implotti	1			1	1 20
K	1729	MATAGORDA	Coast Aquifer	786	\$0	0	0	n	n	0	47	7 N	Groundwater Development	No Infrastructure	Not Implemented	Other				
	.,,_,				4.0		Ů							. To mindot dotal o	piomonea	0				_
K	1786	MANUFACTURING WHARTON	Expansion of Gulf Coast Aquifer	355	\$0	0	0	0	0	0	8	B N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
K		MANVILLE WSC	New LCRA contracts	346		0	0	831	2,184	2,584	3,034		New water contract	No Infrastructure	Not Implemented	Too soon				_
K		MARBLE FALLS	Amend LCRA contract	348			0	56					Increased contract	No Infrastructure	Not Implemented	100 30011		-		+
K		MARBLE FALLS	Municipal conservation	220		· ·	510						Conservation - Municipal	Other	Currently Operating		n/a			20
K		MEADOWLAKES	Amend LCRA contract	348									Increased contract	No Infrastructure	Not Implemented	Too soon	11/ 4	-		- 20
													Conservation - Municipal							
K	1821	MEADOWLAKES	Municipal conservation	220	\$0	77	194	351	537	710	897	7 N	Conservation - Irrigation	Other	Currently Operating		n/a	\$0	)	20
K	1852	MINING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	350	\$3,219,360	4,293	4,297	4,298	0	0	0	N O	Groundwater Development	Wells	Not Implemented	Other				
			Expansion of Ellenburger-San Saba										·		·					
K	1867	MINING, BURNET	Aquifer	354	\$6,114,960	681	756	788	811	829	873	3 N	Groundwater Development	Wells	Not Implemented	Other				
			·										·		·					
K	1867	MINING, BURNET	Expansion of Trinity Aquifer	363	\$0	7	10	12	22	24	25	5 N	Groundwater Development	No Infrastructure	Currently Operating		24	6 \$0	)	
K	1000	MINING, COLORADO	Development of other aquifer	371	\$0	4,269	4,269	4,269	4,269	4,269	4,269	9 N	Groundwater Development	No Infrastructure	Not Implemented	Too soon				
1	1003	MININO, OCLORADO	poveropment of other aquirer	3/1	, pc	4,207	7,207	+,209	+,209	7,209	7,209	/ IN	STOURIGITATION DEVELOPMENT	ivo iiii asti ucture	nvot impionienteu	100 30011		+		
K	1883	MINING, COLORADO	Expansion of Gulf Coast Aquifer	355	\$0	4,300	3,810	2,977	1,842	423	598	B N	Groundwater Development	No Infrastructure	Currently Operating		212	21 \$0	)	
	4000	MAINUNG FAVETTE	Expansion of Culf Coast Assistan	255									Croundwater Davids	No Information	Not be also a last	T				
K		MINING, FAYETTE	Expansion of Gulf Coast Aquifer	355		0	4	22	28		29		Groundwater Development		Not Implemented	Too soon	- /-	/-	1	
K		MOUNTAIN CITY	Drought management	757			39	39	39	39			Drought Management	No Infrastructure	All Phases Fully Implement	ented	n/a	n/a	-	20
K		MOUNTAIN CITY	Municipal conservation	220			0	0	0	0	0	J 11	Conservation - Municipal	Other	Currently Operating	-	n/a	n/a	-	20
K	2196	PFLUGERVILLE	Amend LCRA contract	348	\$0	0	0	0	0	) 3	995	5 N	Increased contract	No Infrastructure	Not Implemented	Too soon				
													Conservation - Municipal							
													Conservation - Irrigation							
v	2107	PFLUGERVILLE	Municipal conservation	220	\$0	541	748	810	844	915	986	5 N	Conservation - Other	Other	Currently Operating		n/a	\$(	1	2
IX.	∠190	I I LUGLIVILLE	ivianicipai conservation	220	\$0	7 541	/48	810	844	915	986	J IN	Expand supply from	Ottlet	currently operating	1	11/a	\$(	1	- 20
V	2210	POLONIA WSC	Expansion of Carrizo-Wilcox Aquifer	350		,	2	-	1/	22	20	) N	groundwater	No Infrastrustura	Not Implemented	Too soon				
V		RICHLAND SUD	Municipal conservation	220		13	22	19	16		30 15		Conservation - Municipal	No Infrastructure No Infrastructure	Not Implemented Currently Operating	Too soon	n/a		<del> </del>	
N.	2200	MOUTAIND 20D	ividi licipal conselvation	220	\$0	, 13	22	19	15	14	15	J IN	conservation - iviunicipal	INO IIIII ASII UCIUI E	currently Operating	+	n/a		-	
К	2278	RIVER PLACE ON LAKE AUSTIN	Amend LCRA contract	348	\$0	438	528	392	268	156	55	5 N	Increased contract	No Infrastructure	Not Implemented	Other				
L			1	J 0.10	Ψ.	100	020	5,2		100		· · · · · · · · · · · · · · · · · · ·		act dottal o		1	1	1	1	

Table 11A-2: Full TWDB Template Containing Survey Results of Implementation Status of Water Management Strategies from the 2011 Region K Water Plan

Sponsor Region		Sponsor	Recommended Water Management Strategy	DB Project Id	Capital Cost SS	S2010	SS2020	SS2030	SS2040	SS2050 S	S2060	Y denotes strategies with supply volumes included in other strategies	Project Description	Infrastructure Type*	At what level of Implementation is the 'project?*	If not implemented, why?*	Initial Volume of Water Provided (acft/yr)	Funds Expended to Date (\$)	Project Cost (\$) (should include development and construction costs)	Year the Project is Online?*
													Conservation - Municipal							
K	2278	RIVER PLACE ON LAKE AUSTIN	Municipal conservation	220	\$0	132	295	431	549	661	762	N	Conservation- Irrigation	Other	Currently Operating		424	\$(		2011
K	2292	ROLLINGWOOD	Municipal conservation	220	\$0	31	60	85	109	132	143	N	Conservation - Municipal	Other	Currently Operating		n/a			2011
K	2292	ROLLINGWOOD	New LCRA contracts	346	\$0	0	373	373	373	373	373	N	New water contract	No Infrastructure	Not Implemented	Too soon				
K			House Bill 1437 for Williamson County	377	\$0	126	246	349	426	536	645	Υ	Water from BRA	No Infrastructure	Currently Operating		233	n/a		
K	123	ROUND ROCK	Municipal conservation	220	\$0	32	93	179	243	277	312	N	Conservation - Municipal	Other	Currently Operating		n/a	n/a		2011
													Expand supply from							
K			Expansion of Yegua-Jackson Aquifer	789		0	0	C	0	0	9	N	groundwater	No Infrastructure	Not Implemented	Too soon				
K	2337	SCHULENBURG	Municipal conservation	220	\$0	43	104	157	159	167	184	N	Conservation - Municipal	Other	Currently Operating		n/a	n/a		2012
K			Development of Queen City Aquifer	768	\$4,190,135	0	0	C	0	0	580	N		Wells	Not Implemented	Too soon				
K	2367	SMITHVILLE	Drought management	757	\$0	0	0	C	0	0	288	N	Drought Management	No Infrastructure	Not Implemented	Too soon				
K			Expansion of Carrizo-Wilcox Aquifer	350		49	311	526	946	1,115	733			Wells	Currently Operating		1018			2011
K			Municipal conservation	220	\$0	25	0	C	0	0	0	N	Conservation - Municipal	Other	Currently Operating		n/a	n/a		2012
		STEAM ELECTRIC POWER,																		
K			Amend LCRA contract	348	\$0	0	0	C	1,280	2,780	2,780	N	Increased contract	No Infrastructure	Not Implemented	Too soon				
		STEAM ELECTRIC POWER,																		
K	2421		New LCRA contracts	346	\$0	0	0	C	20,975	20,975	26,885	N	New water contract	No Infrastructure	Not Implemented	Too soon				
			Blend brackish surface water in South																	
		STEAM ELECTRIC POWER,	Texas Project Nuclear Operating																	
K			Company Reservoir	804	\$0	0	17,505	17,505	17,505	17,505	17,625		Blend brackish surface water	No Infrastructure	Not Implemented	Other				
		STEAM ELECTRIC POWER,											Accessing return flows in							
K			City of Austin return flows	384	\$0	1,000	1,000	1,000	1,000	1,000	1,000		system	No Infrastructure	Currently Operating		n/a			
		STEAM ELECTRIC POWER,				_	_	_					Accessing return flows in							
K			Downstream return flows	386	\$0	0	0	9	36	68	90	N	system	No Infrastructure	Not Implemented	Too soon				
.,			Expand supply from South Texas	000	**	400					•		F			0.11				
K	2452		Project Nuclear Operating Company	829	\$0	193	0	C	0	0	0	N	Expand supply from reservoir	No Infrastructure	Not Implemented	Other				+
	2452	STEAM ELECTRIC POWER,	Now I CDA contracts	24/	40	0	20.000	20.000	20,000	20.000	20.000	N.	Now water contract	NI - I - f t t	Not be also as a stand	041				
K		MATAGORDA STEAM ELECTRIC POWER,	New LCRA contracts	346	\$0	U	30,000	30,000	30,000	30,000	30,000			No Infrastructure	Not Implemented	Other				+
V		MATAGORDA	Water right permit amendment	803	\$0	0	5,500	5,500	5,500	5,500	5,500	N	Water right permit amendment	No Infrastructure	Permit Application Subm	sitted/Dendine				
N	2432	STEAM ELECTRIC POWER.	water right permit amendment	003	\$0	U	3,300	5,500	5,500	5,500	5,500	IN	amenument	NO IIIII asti ucture	Permit Application Subit	Trited/Periding				+
ν	2470		Development of Gulf Coast Aquifer	805	\$164,000	0	0			0	82	N	Groundwater Development	Molle	Not Implemented	Too soon				
N	2470	WHARTON	Development of Guil Coast Aquilei	603	\$104,000	U	U		0	U	02	IN	Groundwater Development	Melis	Not implemented	100 30011				+
V	2526	TRAVIS COUNTY WCID #18	Amend LCRA contract	348	0.9	0	0			135	283	N	Increased contract	No Infrastructure	Currently Operating		1736			1
V			Municipal conservation	220		139	303	495	677		1,074			Other	Currently Operating		n/a	) \$(	0	2011
K K			New LCRA contracts	346		139	1,833	2,049			2,471		•	No Infrastructure	Not Implemented	Too soon	11/ a			2011
K	2377	WEST TRAVIS COUNTY	New LCRA COITI acts	340	φ0	U	1,033	2,047	2,170	2,320	2,471	IN	New Water Contract	No illitasti ucture	Not implemented	100 30011				+
V	2602		Municipal conservation	220	\$0	17	0		م ا	0	0	N	Conservation - Municipal	Other	Not Implemented	Other				
K	2002	REGIONAL W3	ividine par conservation	220	\$0	17	,		0		0	14	conscivation - Municipal	other	Not implemented	Other				
K	2609		Municipal conservation	220	\$0	41	29	18	8	4	4	N	Conservation - Municipal	No Infrastructure	Currently Operating		n/a	\$0	)	2011
		WINDERMERE UTILITY						-												
K	2631	COMPANY	New LCRA contracts	346	\$0	0	2,222	2,201	2,180	2,180	2,180	N	New water contract	No Infrastructure	Not Implemented	Too soon		\$(	)	

				1	1	1				
					(Phased)		Year project		Included	
	WMS			Is this a	Ultimate	(Phased)	reaches		in the	
Sponsor	Sponsor		Recommended Water Management	phased	Volume	Ultimate		project funding		
Region	Entity Id	Sponsor	Strategy	project?*	(acft/yr)				Plan?*	Comments
- J	,	.,		, .j	(* * * * ) /	.,,		(.)		Infrastructure Type: Municipal and Industrial Water
										Audits, Leak Detection/Repairs, Conservation
K	194	AQUA WSC	Additional municipal conservation	No			2070	Unknown	Yes	Pricing, Awareness Campaign, and School
V	104	A O LIA M/CC	Drought management	Voo	n/o		20/0	Othor		Residential and Commercial voluntary irrigation measures to reduce daily water demands.
K V		AQUA WSC AQUA WSC	Drought management  Expansion of Carrizo-Wilcox Aquifer	Yes	n/a		2000	Other	Yes Yes	measures to reduce daily water demands.
K		AUSTIN	City of Austin conservation	Yes	36,370	\$0	2070		Yes	Implemented - On-going
K		AOSTIN	City of Austin conscivation  City of Austin direct reuse (municipal	163	30,370	\$0	2070		163	implemented - on-going
K	7	AUSTIN	and manufacturing)	Yes	40,468	\$228,113,592	2070		Yes	Implemented - On-going
			City of Austin direct reuse (steam-							
K	7	AUSTIN	electric)	Yes	13,315	\$74,136,918	2070		Yes	Implemented - On-going
K	7	AUSTIN	City of Austin return flows	Yes	39,528	0	2070		Yes	Implemented - On-going
						_				
K	7	AUSTIN	Downstream return flows	Yes	2,375	0	2070		No	Implemented - On-going
l <sub>V</sub>	221	DADTON CDEEK WEST WISC	Municipal concentration	Voc			20/0		Voc	
K	221	BARTON CREEK WEST WSC	Municipal conservation  Purchase water from West Travis	Yes			2060		Yes	   West Travis County Regional Water System no
к	221	BARTON CREEK WEST WSC	County Regional Water Supply						No	longer exists
K		BASTROP	Expansion of other aguifer						No	Not implemented - looking at Carrizo Wilcox
K	224	BASTROP	Municipal conservation	Yes			2060		Yes	'
K		BASTROP COUNTY WCID #2	Expansion of Carrizo-Wilcox Aquifer						Yes	
K	233	BEE CAVE VILLAGE	Municipal conservation	Yes			2060		Yes	
l.,			Purchase water from West Travis							West Travis County Regional Water System no
K		BEE CAVE VILLAGE	County Regional Water Supply						No	longer exists
K	245	BERTRAM	Expansion of Ellenburger-San Saba						Yes	Infractruatura Tuna Lack Dataction / Danaira
V	245	BERTRAM	Municipal conservation	Yes			2060	Unknown	Yes	Infrastructure Type: Leak Detection/Repairs, Conservation Pricing, and Awareness Campaign.
K		BRIARCLIFF VILLAGE	Amend LCRA contract	163			2000		No	Contract increase since last plan
K		BRIARCLIFF VILLAGE	Municipal conservation	Yes			2060		Yes	contract mercase since last plan
K		BUDA	Development of Carrizo-Wilcox	1.00			2000		Yes	
			Development of saline zone of							
K	307	BUDA	Edwards-Balcones Fault Zone Aquifer						Yes	
		CIMARRON PARK WATER	Development of saline zone of							
K	356	COMPANY	Edwards-Balcones Fault Zone Aquifer						No	
										Infrastructure type
										Voluntary Measures: Discontinuation of monthly
										flusing of water mains, public landscaping irrigation restrictions, residential landscaping irrigation limits,
										and commercial Irrigation limits.
										Mandatory Measures: Residential landscaping
										irrigation restrictions (once a week watering), no
										outdoor spraying (drip application only), limits on
										outdoor water use (no water features), prohibition
										on washing down sidewalks, parking lots and other
										hard-surface areas, prohibition of flushing gutters,
										prohibition of water use for washing vehicles,
										prohibition of applications for
l.,		CIMARRON PARK WATER								new/additional/expanded or increased-in size
K	356	COMPANY	Drought management	Yes	n/a	n/a	2070	Unknown	No	water service connections/meters/service
										Infrastructure type
										Municipal: water system audits, leak detection/repairs, prohibition on wasting water,
										conservation pricing, and conservation campaign.
										School eduction and water reuse (implemented in
										August 2008 not currently used)
										Outdoor water use: Permanent irrigation watering
										schedule, and outdoor landscape incentives.
										Landscape irrigation audit requirement, landscape
		OIL 44 DD ON 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								requirements for new development, and irrigation
l <sub>v</sub>	051	CIMARRON PARK WATER	Municipal corresponding	Vos	0.10/	n/a	0070	I Inlene : : :-		standards (implemented in August 2008 not
K	356	COMPANY	Municipal conservation	Yes	o 106 gpcd	11/a	2070	Unknown	No	currently used) Indoor Water use:

10 November 2015

							1			
					(D) I)					
	14/1 40				(Phased)	(DI I)	Year project		Included	
	WMS			Is this a	Ultimate	(Phased)	reaches		in the	
Sponsor	Sponsor Entity Id	Chancar	ŭ	phased project?*	Volume	Ultimate Project Cost (\$)	maximum capacity?*	project funding source(s)?*	2016 Plan?*	Comments
Region	Entity iu	Sponsor CIMARRON PARK WATER	Strategy	project?	(acft/yr)	Project cost (\$)	capacity?	source(s)?	Pidii!	Comments
K	356	COMPANY	Water allocation						No	Contract increase since last plan
K		COTTONWOOD SHORES	Amend LCRA contract						Yes	Contract merease since last plan
ix .	407	OCTTORWOOD SHOKES	Autoria Edita Contract						103	
К	422	COUNTY-OTHER, BASTROP	Additional municipal conservation						No	
			Development of Carrizo-Wilcox							
K	422	COUNTY-OTHER, BASTROP	Aquifer						No	
K	422	COUNTY-OTHER, BASTROP	Expansion of Carrizo-Wilcox Aquifer						Yes	
			Development of Ellenburger-San Saba							
K	427	COUNTY-OTHER, BLANCO	Aquifer						No	
			Expansion of Ellenburger-San Saba							
K	438	COUNTY-OTHER, BURNET	Aquifer						No	
.,	400	COUNTY OTHER PURNET	F (T : 1) A . (C							
K	438	COUNTY-OTHER, BURNET	Expansion of Trinity Aquifer						No	
v	156	COUNTY-OTHER, COLORADO	Expansion of Gulf Coast Aquifer						Yes	
K	430	COUNTY-OTHER, COLORADO	Expansion of Guil Coast Aquilei						162	
к	486	COUNTY-OTHER, FAYETTE	Expansion of Gulf Coast Aquifer						Yes	
K	400	COOKTI-OTTER, FATETTE	Expansion of duli coast Aquirei						103	
К	486	COUNTY-OTHER, FAYETTE	Expansion of Sparta Aquifer						No	
			Development of saline zone of							
K	516	COUNTY-OTHER, HAYS	Edwards-Balcones Fault Zone Aquifer						Yes	
K		COUNTY-OTHER, HAYS	Purchase water from City of Austin						No	
K	561	COUNTY-OTHER, LLANO	Municipal conservation	Yes			2060		No	
K		COUNTY-OTHER, MILLS	Expansion of Trinity Aquifer						No	
K		CREEDMOOR-MAHA WSC	New LCRA contracts						Yes	
K	720	DRIPPING SPRINGS	Amend LCRA contract						No	1.6.
										Infrastructure Type Municipal: Leak detection and repair, prohibition on
										wasting water, and water conservation pricing
										(implemented March 2013)
K		DRIPPING SPRINGS	Municipal conservation	Yes	748	n/a	2070			Outdoor water use: permanent irrigation watering
K		DRIPPING SPRINGS WSC	Amend LCRA contract						No	
K	757	ELGIN	Drought management						Yes	
1/	757	FLCIN	Evnancian of Carries Wilson Aguifar						V	
K		ELGIN ELGIN	Expansion of Carrizo-Wilcox Aquifer  Municipal conservation	Voc			2060		Yes No	
K K		ELGIN	New LCRA contracts	Yes			2000		Yes	
K	131	LLGIN	New LCRA CONTRACTS						163	
К	776	FAYETTE WSC	Development of other aquifer						No	
K	776	FAYETTE WSC	Expansion of Gulf Coast Aquifer						No	
K	843	GOFORTH WSC	Water transfer						No	
										Infrastructure Type
										Voluntary Measures: a. Discontinuation of monthly
										flushing of water mains, public landscaping
										irrigation restrictions, residential landscaping
										irrigation limits, and commercial irrigation limits. Mandatory Measures: No outdoor spraying, drip
l <sub>v</sub>	044	GOLDTHWAITE	Drought management	No	1745		2070	Unknown		application only Other: No outdoor use during 2011 drought *All listed
K		GOLDTHWAITE	Expansion of Trinity Aquifer	No	1743		2070		No	odtaoor use during 2011 drought Airlisted
K		GOLDTHWAITE	Goldthwaite Channel Dam	140					No	
1	044	00251111111112	Co.damido Giamioi Dani						. 30	Infrastructure Type
										Municipal: leak detection and repair, conservation
K		GOLDTHWAITE	Municipal conservation	Yes	of 10 gpcd		2070	Unknown	Yes	pricing, conservation campaign, and school
K		GOLDTHWAITE	New LCRA contracts		Ji -				No	
K		GRANITE SHOALS	Amend LCRA contract						Yes	
K	989	IRRIGATION, BASTROP	Expansion of Queen City Aquifer			ļ			No	
l.,			Temporary drought period use of			1			<u>.</u> .	
K	989	IRRIGATION, BASTROP	Queen City Aquifer			L	<u> </u>	<u> </u>	No	

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					(m. 1)					
					(Phased)		Year project		Included	
	WMS			Is this a	Ultimate	(Phased)			in the	
Sponsor	Sponsor		· ·	phased	Volume	Ultimate		project funding		
Region	Entity Id	Sponsor	Strategy	project?*	(acft/yr)	Project Cost (\$)	capacity?*	source(s)?*	Plan?*	Comments
K	1022	IRRIGATION, COLORADO	City of Austin return flows						Yes	
l.,		IDDIOATION OOLODADO								
K	1022	IRRIGATION, COLORADO	Downstream return flows						No	
	1000	IDDICATION COLODADO	Irrigation district conveyance						V.	
K	1022	IRRIGATION, COLORADO	improvements						Yes	
V	1051	IDDICATION FAVETTE	Evnancian of Charta Aquifor						No	
K	1051	IRRIGATION, FAYETTE	Expansion of Sparta Aquifer						No	
K	1121	IRRIGATION, MATAGORDA	City of Austin return flows						Yes	
IX.	1101	IKKIGATION, WATAGORDA	orty or Austin return nows						103	
к	1131	IRRIGATION, MATAGORDA	Downstream return flows						No	
			Downst dam rotal move							
K	1131	IRRIGATION, MATAGORDA	House Bill 1437 on-farm conservation						No	
			Irrigation district conveyance							
K	1131	IRRIGATION, MATAGORDA	improvements						Yes	
			,							
K		IRRIGATION, MILLS	Expansion of Trinity Aquifer						Yes	
K	1137	IRRIGATION, MILLS	Water allocation						No	
K	1205	IRRIGATION, WHARTON	City of Austin return flows						Yes	
K	1205	IRRIGATION, WHARTON	Downstream return flows						No	
l.,										
K	1205	IRRIGATION, WHARTON	House Bill 1437 on-farm conservation						No	
14	1005	IDDICATION MULADION	Irrigation district conveyance						V.	
K		IRRIGATION, WHARTON	improvements						Yes	
K		JONESTOWN KINGSLAND WSC	Amend LCRA contract						No	
K		LAKE LBJ MUD	Amend LCRA contract						No No	
Γ V		LAKEWAY	Municipal conservation Amend LCRA contract						No	
K	1302	LAKEVVAT	Amena Lora contract						INO	Infrastructure Type
										Municipal: Water system audits, prohibition on
										wasting water, and conservation pricing. Outdoor:
										Permanent irrigation watering schedule.
										Indoor water use: Incentive program for indoor
K	1302	LAKEWAY	Municipal conservation	Yes	reduction to	n 176 apcd	2060	Unknown		plubming retrofit.
										J · · · · ·
K	1358	LIVESTOCK, BURNET	Expansion of Trinity Aquifer						No	
		-	, , ,							
K	1376	LIVESTOCK, COLORADO	Expansion of Gulf Coast Aquifer						No	
K	1406	LIVESTOCK, FAYETTE	Development of other aquifer						No	
K	1481	LIVESTOCK, LLANO	Expansion of Hickory Aquifer						No	
		LINGSTOOK AATAOSSS	F							
K	1492	LIVESTOCK, MATAGORDA	Expansion of Gulf Coast Aquifer						No	
L	1507	LLANO	Development of Ellenburger-San Saba				]		No	
r.	1587	LLANO	Aquifer						No	
K	1597	LLANO	Development of Hickory Aquifer						Yes	In process
K	1507	LLANO	Municipal conservation	Yes			2060		Yes	III pr 00033
IX.		LOWER COLORADO RIVER		103			2000		103	
K		AUTHORITY	Amend LCRA contract	Yes			2060		Yes	
i.	- 57	LOWER COLORADO RIVER	Zoro rooma dot				2000		. 00	
K	87	AUTHORITY	Aquifer storage and recovery						Yes	
		LOWER COLORADO RIVER	Conjunctive use of groundwater -							
K	87	AUTHORITY	includes overdraft						No	
		LOWER COLORADO RIVER								
K	87	AUTHORITY	Development of new rice varieties	<u> </u>	<u> </u>				No	
		LOWER COLORADO RIVER	Enhanced municipal and industrial							
K	87	AUTHORITY	conservation	Yes			2060		Yes	
		·	·							

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			1			I				
					(Phased)		Year project		Included	
	WMS			Is this a	Ultimate	(Phased)	reaches	What is the	in the	
Sponsor	Sponsor		Recommended Water Management	phased	Volume	Ultimate	maximum	project funding	2016	
Region	Entity Id	Sponsor	Strategy	project?*	(acft/yr)				Plan?*	Comments
<u> </u>	<u> </u>	'	Firm-up run-of-river with off-channel	, ,	, ,	, ,,,	, ,			
		LOWER COLORADO RIVER	reservoir - LCRA/SAWS project (Region							
К	87	AUTHORITY	K Component)						Yes	Reservoir. Construction Underway.
		LOWER COLORADO RIVER	LCRA Water Management Plan							nessa venir eensa uenen enuen negr
K	87	AUTHORITY	interruptible water supply						Yes	
IX.	07	LOWER COLORADO RIVER	interruptible water suppry						103	
V	07	AUTHORITY	On form conservation						Yes	
N	07		On-farm conservation		<u> </u>				162	
.,		LOWER COLORADO RIVER	B I III I I I I I I I I I I I I I I							
K		AUTHORITY	Reuse by Highland Lakes communities	.,			22/2		No	
K		MANOR	Municipal conservation	Yes			2060		No	
K	1620	MANOR	New LCRA contracts						No	
K	1627	MANUFACTURING, BASTROP	Expansion of Carrizo-Wilcox Aquifer						Yes	
K	1669	MANUFACTURING, FAYETTE	Expansion of Gulf Coast Aquifer						Yes	
K	1669	MANUFACTURING, FAYETTE	Expansion of Sparta Aquifer				1		No	
					Ì					
K	1690	MANUFACTURING, HAYS	Development of Trinity Aquifer						No	
K		MANUFACTURING, HAYS	Drought management				1		No	
		MANUFACTURING,	Temporary drought period use of Gulf						110	
K		MATAGORDA	Coast Aquifer						No	
IX.	1727	WATAGORDA	ooust riquirer						INO	
V	170/	MANUEACTURING WILLARTON	Evenancian of Culf Coast Aguifor						No	
I/	1700	MANUFACTURING, WHARTON MANVILLE WSC	Expansion of Gulf Coast Aquifer New LCRA contracts		<b> </b>				No Yes	
K										
K		MARBLE FALLS	Amend LCRA contract	.,			22/2		Yes	
K		MARBLE FALLS	Municipal conservation	Yes			2060		Yes	
K	1821	MEADOWLAKES	Amend LCRA contract						No	Infrastructure Type
K	1821	MEADOWLAKES	Municipal conservation	Yes			2060	Unknown		Municipal: Leak detection and repairs (implemented 6/2012), conservation pricing, conservation campaign (implemented 10/2012), and water resuse (implemented 1974). Outdoor water use: permanant irrigation watering schedule (implemented 10/2012), and irrigation
V		MINING, BASTROP	Expansion of Carrizo-Wilcox Aquifer	103			2000	OTIKTOWIT	No	schedule (implemented 10/2012), and imgation
N	1002	IVIIIVIIVG, BASTROP	Expansion of Ellenburger-San Saba						INO	
V	1047	MINING, BURNET	Aquifer						Yes	
N	1007	IVIIIVIIVG, BURINET	Aquilei		<b> </b>				162	
K	1867	MINING, BURNET	Expansion of Trinity Aquifer						No	
K	1883	MINING, COLORADO	Development of other aquifer						No	
K	1883	MINING, COLORADO	Expansion of Gulf Coast Aquifer				1		No	
K	1908	MINING, FAYETTE	Expansion of Gulf Coast Aquifer						Yes	
K		MOUNTAIN CITY	Drought management				İ		No	
K		MOUNTAIN CITY	Municipal conservation		1				No	
K		PFLUGERVILLE	Amend LCRA contract						Yes	
										Infrastructure Type
										Municipal: Leak detection and repair (implemented 2001), prohibition on wasting water (implemented 2012), conservation pricing (implemented 2000), awareness campaign (implemented 2011), school education (implemented 2012), and water resuse (implemented 2000).  Irrigation: Permanant irrigation watering schedule
K	2196	PFLUGERVILLE	Municipal conservation	Yes			2060	Unknown	Yes	(implemented 2011), and irrigation standards
	2170			1			2000			, , , , , , , , , , , , , , , , , , ,
К	221ዩ	POLONIA WSC	Expansion of Carrizo-Wilcox Aquifer				]		No	
K		RICHLAND SUD	Municipal conservation						No	
ĸ	2278	RIVER PLACE ON LAKE AUSTIN	Amend LCRA contract						No	
				Î	i	1	i .	1		i

November 2015

Table 11A-2: Full TWDB Template Containing Survey Results of Implementation Status of Water Management Strategies from the 2011 Region K Water Plan

					(Phased)		Year project		Included	
	WMS			Is this a	Ultimate	(Phased)	reaches	What is the	in the	
Sponsor	Sponsor				Volume	Ultimate	maximum	project funding	2016	
Region	Entity Id	Sponsor	Strategy	project?*	(acft/yr)	Project Cost (\$)	capacity?*	source(s)?*	Plan?*	Comments
										Infrastructure Type
										Municipal: Water system audits (implemented 07-
										2013), leak detection and repair (implemented 07-
										2013), prohibition on wasting water (implemented
										09-2013), conservation pricing (implemented 11-
										2013), conservation campaign (implemented 08-
										2013), and water resuse (implemented 11-24-1992).
К	2278	RIVER PLACE ON LAKE AUSTIN	Municipal conservation	Yes	339.2		2060	Other	Yes	Outdoor water use: permanent irriation watering
K		ROLLINGWOOD	Municipal conservation	Yes	00712		2060		Yes	e atassi mater assi permanent imater matering
K		ROLLINGWOOD	New LCRA contracts	103			2000		Yes	
K		ROUND ROCK	House Bill 1437 for Williamson County						No	
K		ROUND ROCK	Municipal conservation	Yes			2060		Yes	
	120	NOONE NOON	ivianicipal conservation	103			2000		103	
к	2337	SCHULENBURG	Expansion of Yegua-Jackson Aquifer						No	
K		SCHULENBURG	Municipal conservation	Yes			2060		Yes	
	2007	TO TO THE TOTAL OF	Trial no par conservation				2000			
К	2367	SMITHVILLE	Development of Queen City Aquifer						Yes	
K	2367	SMITHVILLE	Drought management						Yes	
	2007									
К	2367	SMITHVILLE	Expansion of Carrizo-Wilcox Aquifer						No	
K		SMITHVILLE		Yes			2060		Yes	
		STEAM ELECTRIC POWER,								
K		BASTROP	Amend LCRA contract						No	
		STEAM ELECTRIC POWER,								
K		FAYETTE	New LCRA contracts						No	
			Blend brackish surface water in South							
		STEAM ELECTRIC POWER,	Texas Project Nuclear Operating							
K		MATAGORDA	Company Reservoir						Yes	
		STEAM ELECTRIC POWER,	. ,							
K		MATAGORDA	City of Austin return flows						Yes	
		STEAM ELECTRIC POWER,								
K	2452	MATAGORDA	Downstream return flows						No	
		STEAM ELECTRIC POWER,	Expand supply from South Texas							
K		MATAGORDA	Project Nuclear Operating Company						No	
		STEAM ELECTRIC POWER,								
K	2452	MATAGORDA	New LCRA contracts						No	
		STEAM ELECTRIC POWER,								
K		MATAGORDA	Water right permit amendment						Yes	
		STEAM ELECTRIC POWER,								
K	2478	WHARTON	Development of Gulf Coast Aquifer						Yes	Wellfield
K		TRAVIS COUNTY WCID #18	Amend LCRA contract						No	
K		WEST LAKE HILLS	Municipal conservation	Yes			2060		Yes	
K		WEST LAKE HILLS	New LCRA contracts						Yes	
		WEST TRAVIS COUNTY								West Travis County Regional Water System no
K	2602	REGIONAL WS	Municipal conservation						No	longer exists.
										Infrastructure Type
							]			Municipal: water system audits (implemented
							]			2014), leak detection and repairs, prohibition on
K		WHARTON	Municipal conservation	Yes			2070	Unknown	Yes	wasting water, conservation pricing, and awareness
		WINDERMERE UTILITY					]			
K	2631	COMPANY	New LCRA contracts				1	]	No	

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#### 2016 LCRWPG WATER PLAN

#### APPENDIX 11B

# COMPARISON TABLES AND GRAPHS FOR POPULATION AND DEMAND PROJECTIONS

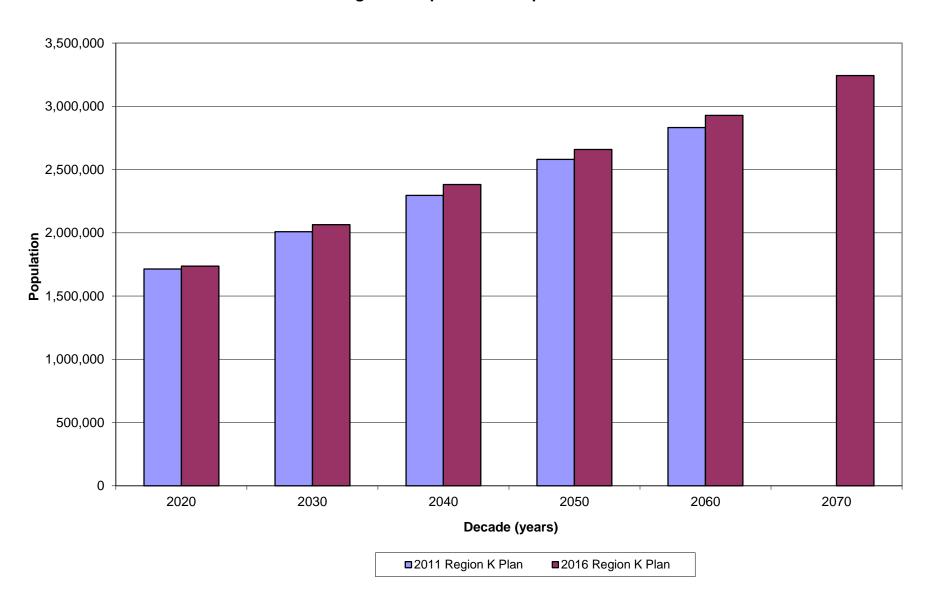
**Region K Population** 

RWP	2010	2020	2030	2040	2050	2060	2070
			Reg	ion K			
2016		1,737,227	2,064,522	2,381,949	2,658,492	2,928,400	3,243,127
2011	1,412,834	1,714,281	2,008,141	2,295,627	2,580,534	2,831,937	
Difference		22,946	56,381	86,322	77,958	96,463	
% Change		1.3	2.8	3.8	3.0	3.4	
			Bas	trop			
2016		95,487	125,559	164,648	217,608	289,140	384,244
2011	84,449	120,739	151,364	199,548	239,589	288,683	
Difference		-25,252	-25,805	-34,900	-21,981	457	
% Change		-20.9	-17.0	-17.5	-9.2	0.2	
		·	Bla	nco			
2016		13,015	15,475	16,917	17,672	18,175	18,472
2011	9,946	11,756	13,487	15,002	16,641	18,544	
Difference		1,259	1,988	1,915	1,031	-369	
% Change		10.7	14.7	12.8	6.2	-2.0	
			Bu	rnet			
2016		53,114	64,268	73,673	82,668	90,571	97,426
2011	47,160	61,191	78,133	94,716	105,095	115,056	
Difference		-8,077	-13,865	-21,043	-22,427	-24,485	
% Change		-13.2	-17.7	-22.2	-21.3	-21.3	
			T	orado			
2016		21,884	22,836	23,544	24,582	25,449	26,293
2011	21,239	22,591	23,311	23,424	23,900	24,324	
Difference		-707	-475	120	682	1,125	
% Change		-3.1	-2.0	0.5	2.9	4.6	
		1		yette	1		
2016		28,373	32,384	35,108	37,351	39,119	40,476
2011	24,826	28,808	32,363	35,259	38,933	44,120	
Difference		-435	21	-151	-1,582	-5,001	
% Change		-1.5	0.1	-0.4	-4.1	-11.3	
		T _		espie	T		
2016		26,795	28,852	30,548	32,536	34,365	36,142
2011	25,258	29,117	30,861	30,861	30,861	30,861	
Difference		-2,322	-2,009	-313	1,675	3,504	
% Change		-8.0	-6.5	-1.0	5.4	11.4	
2011		·		ays	101 :00	45000=	106
2016		55,584	73,243	94,747	121,629	152,007	186,579
2011	46,143	69,377	88,887	108,495	132,051	150,574	
Difference		-13,793	-15,644	-13,748	-10,422	1,433	
% Change		-19.9	-17.6	-12.7	-7.9	1.0	

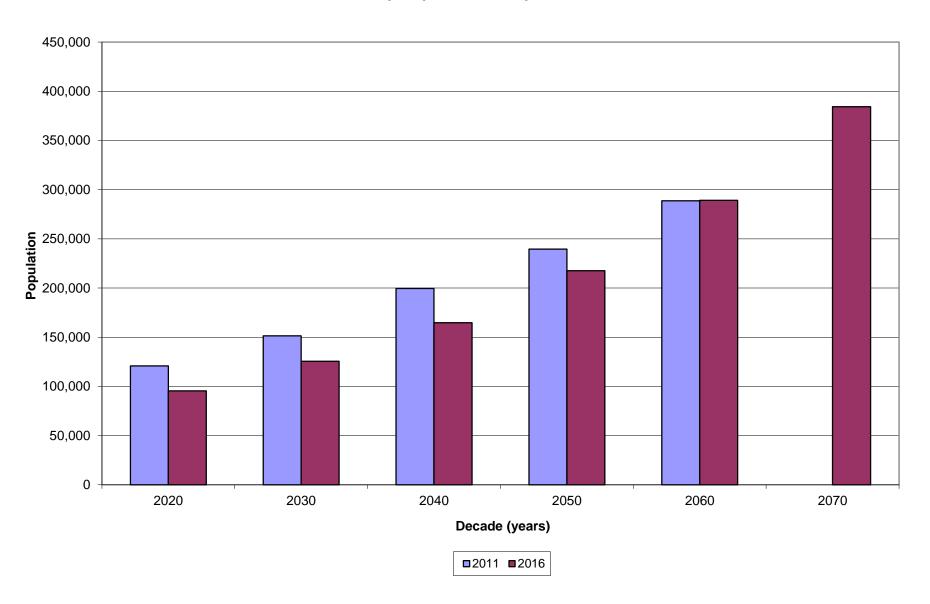
# **Region K Population**

RWP	2010	2020	2030	2040	2050	2060	2070
				ano			
2016		21,291	22,453	22,422	22,035	22,779	23,549
2011	21,284	23,007	23,471	23,932	24,393	24,855	· · · · · · · · · · · · · · · · · · ·
Difference	· · · · · · · · · · · · · · · · · · ·	-1,716	-1,018	-1,510	-2,358	-2,076	
% Change		-7.5	-4.3	-6.3	-9.7	-8.4	
			Mata	gorda			
2016		39,166	41,226	42,548	43,570	44,296	44,815
2011	40,506	43,295	44,991	45,925	45,925	45,925	
Difference		-4,129	-3,765	-3,377	-2,355	-1,629	
% Change		-9.5	-8.4	-7.4	-5.1	-3.5	
			M	ills			
2016		4,912	5,076	5,213	5,417	5,625	5,859
2011	5,466	5,815	6,107	5,930	6,329	6,497	
Difference		-903	-1,031	-717	-912	-872	
% Change		-15.5	-16.9	-12.1	-14.4	-13.4	
				Saba			
2016		6,484	6,793	6,833	6,722	6,879	7,039
2011	6,387	6,746	7,059	7,332	7,365	7,409	
Difference		-262	-266	-499	-643	-530	
% Change		-3.9	-3.8	-6.8	-8.7	-7.2	
	<b>.</b>			avis			•
2016		1,273,260	1,508,642	1,732,860	1,897,769	2,033,120	2,185,909
2011	1,003,253	1,201,256	1,402,153	1,583,068	1,770,347	1,918,135	
Difference		72,004	106,489	149,792	127,422	114,985	
% Change		6.0	7.6	9.5	7.2	6.0	
	T			arton			
2016		27,184	28,928	30,322	31,529	32,643	33,629
2011	28,260	29,872	30,911	31,508	31,523	31,188	
Difference		-2,688	-1,983	-1,186	6	1,455	
% Change		-9.0	-6.4	-3.8	0.0	4.7	
•	I	-0		amson		101	
2016	40.55	70,678	88,787	102,566	117,404	134,232	152,695
2011	48,657	60,711	75,043	90,627	107,582	125,766	
Difference		9,967	13,744	11,939	9,822	8,466	
% Change		16.4	18.3	13.2	9.1	6.7	

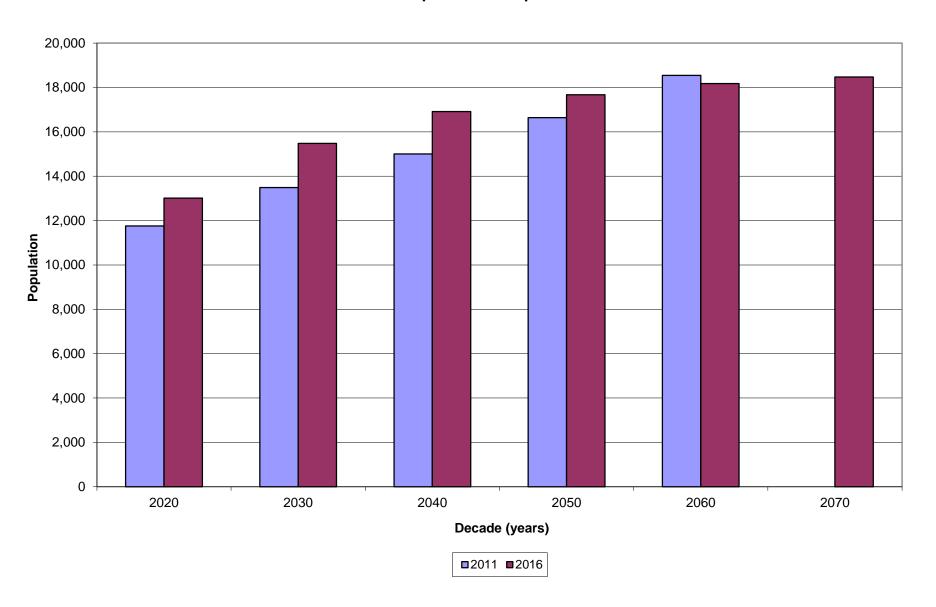
### Region K Population Comparison



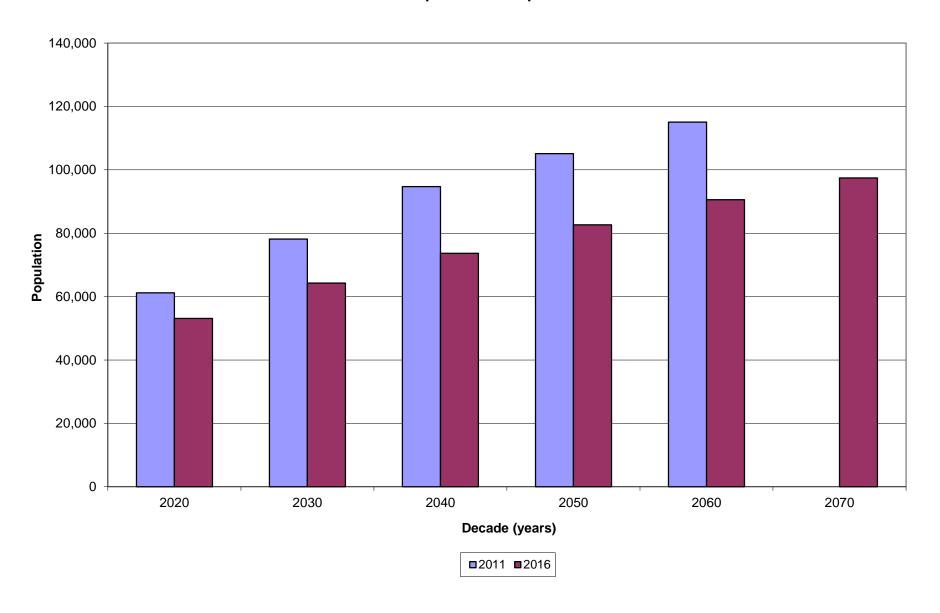
### **Bastrop Population Comparison**



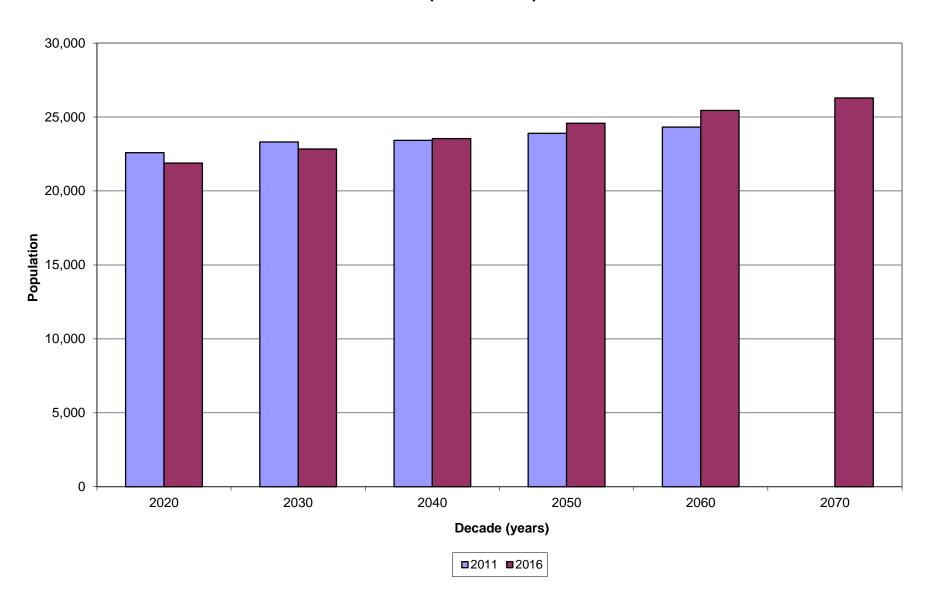
# **Blanco Population Comparison**



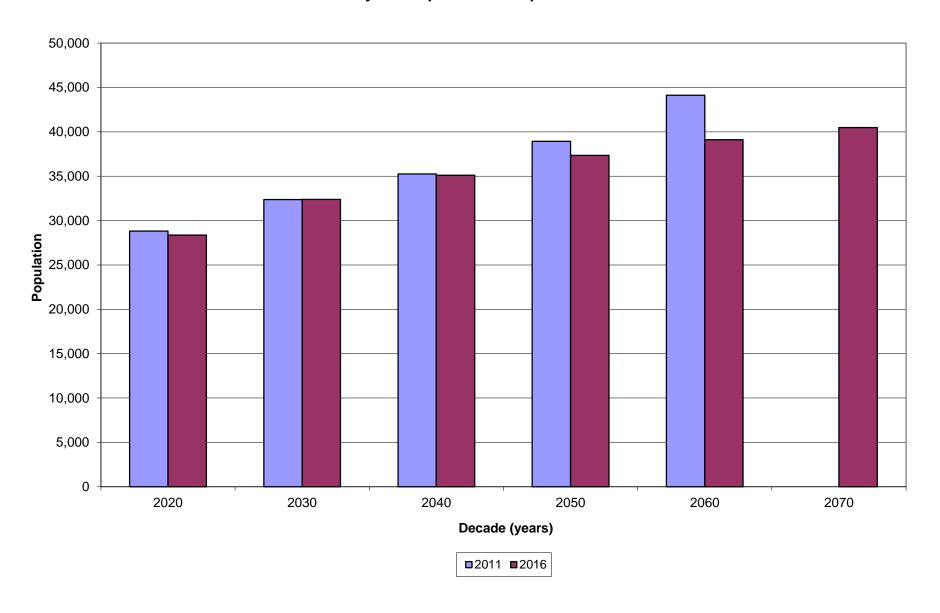
# **Burnet Population Comparison**



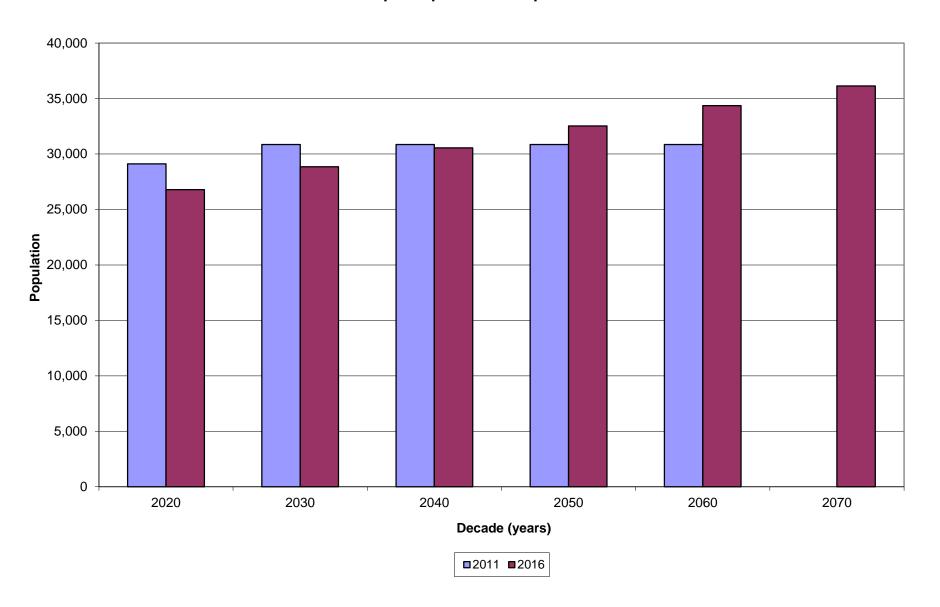
# **Colorado Population Comparison**



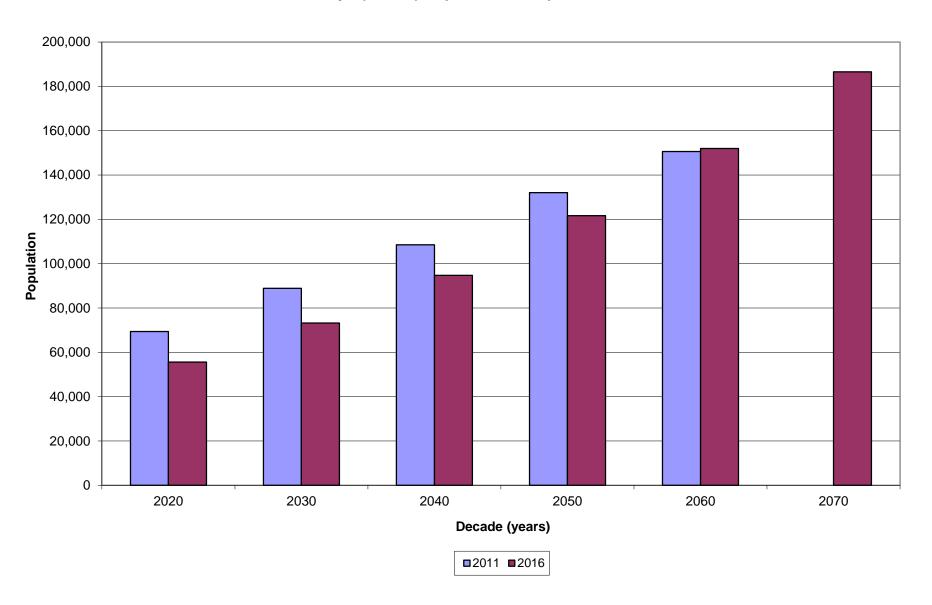
### **Fayette Population Comparison**



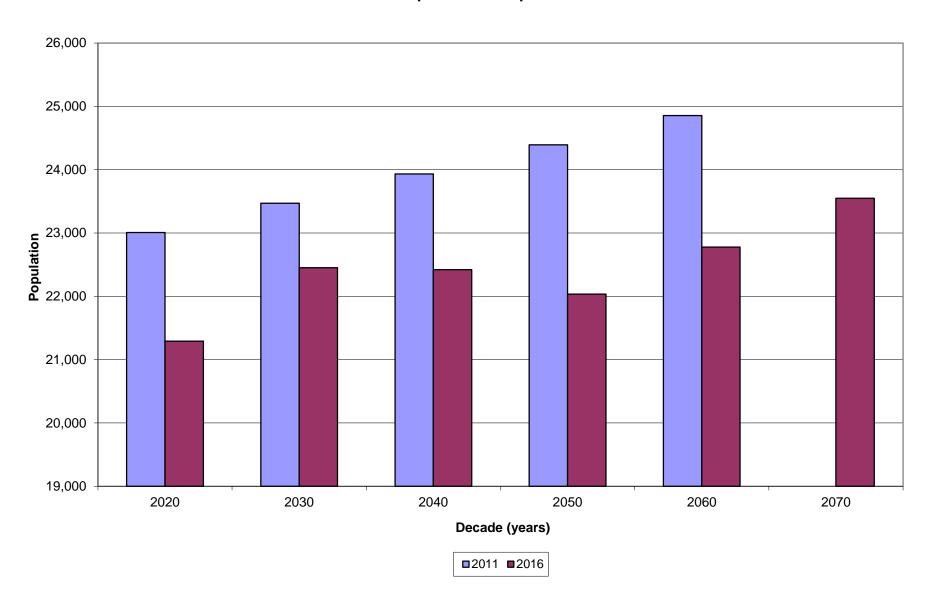
# **Gillespie Population Comparison**



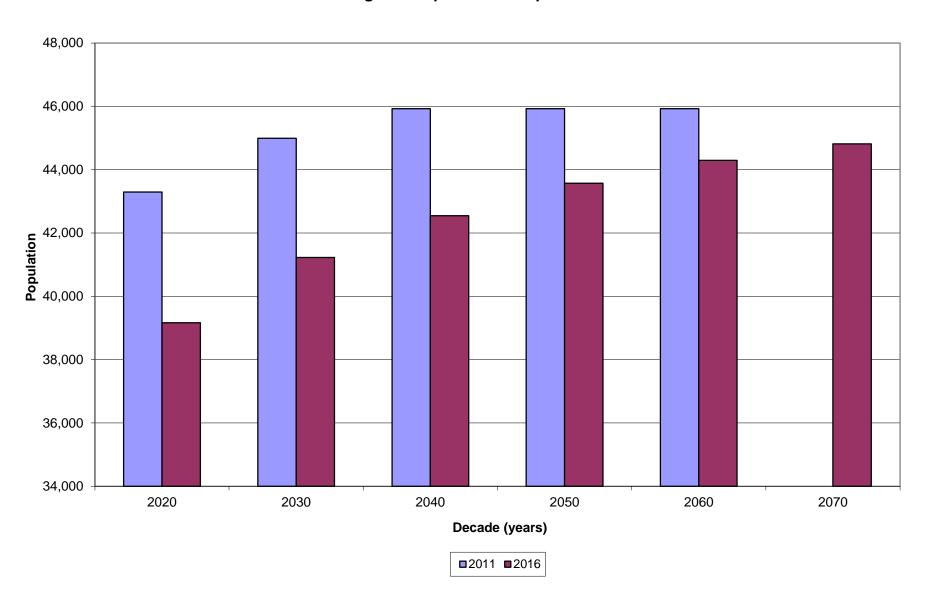
### Hays (Partial) Population Comparison



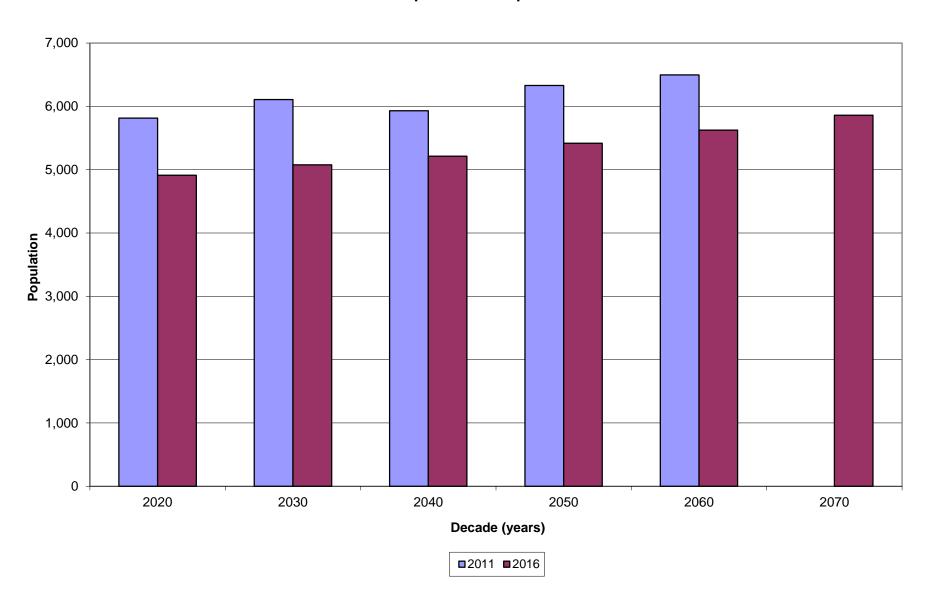
# Llano Population Comparison



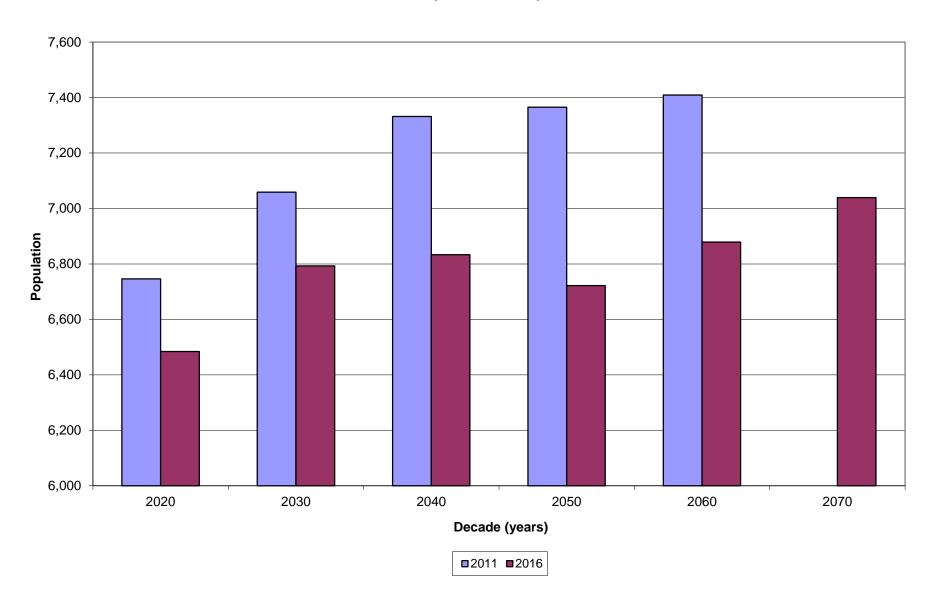
# **Matagorda Population Comparison**



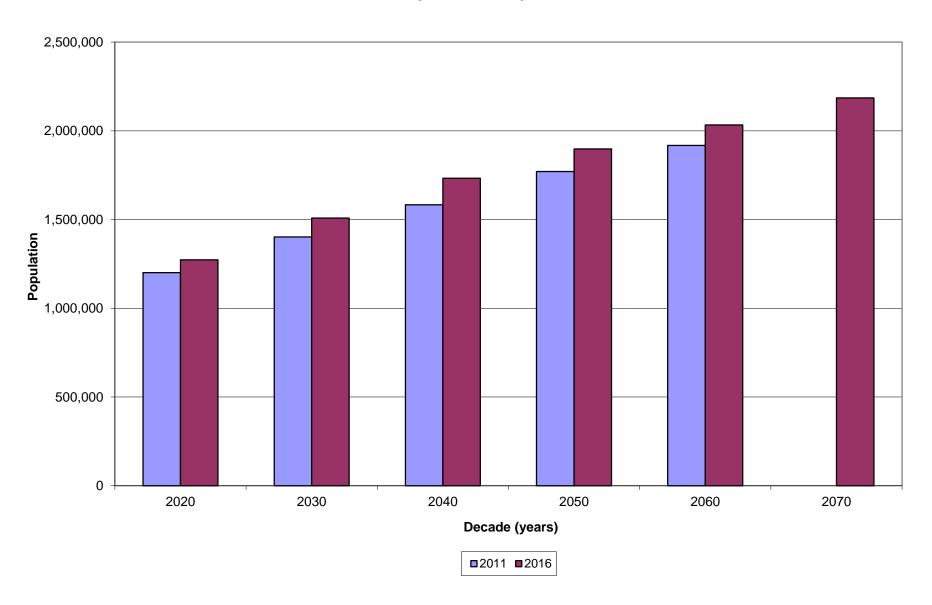
# Mills Population Comparison



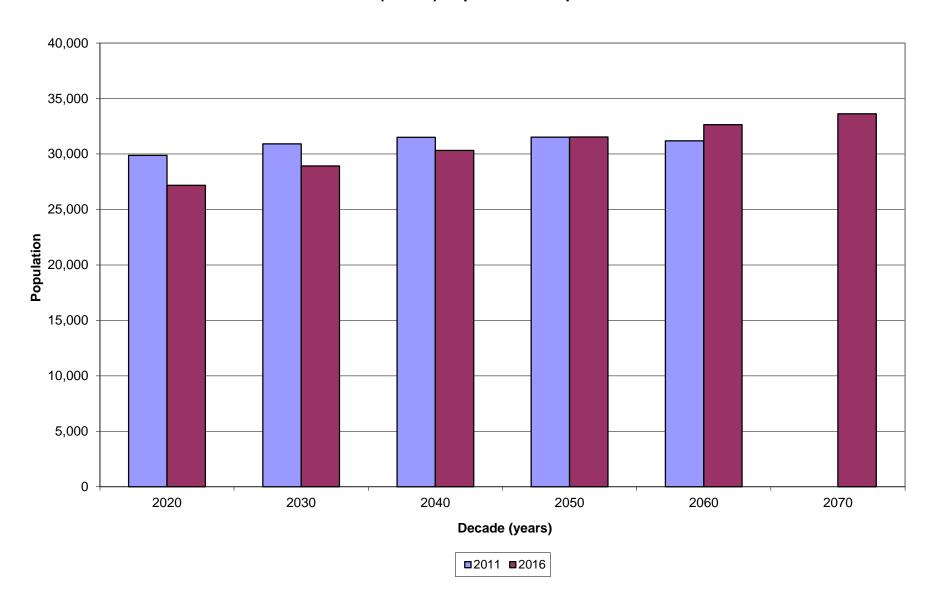
# San Saba Population Comparison



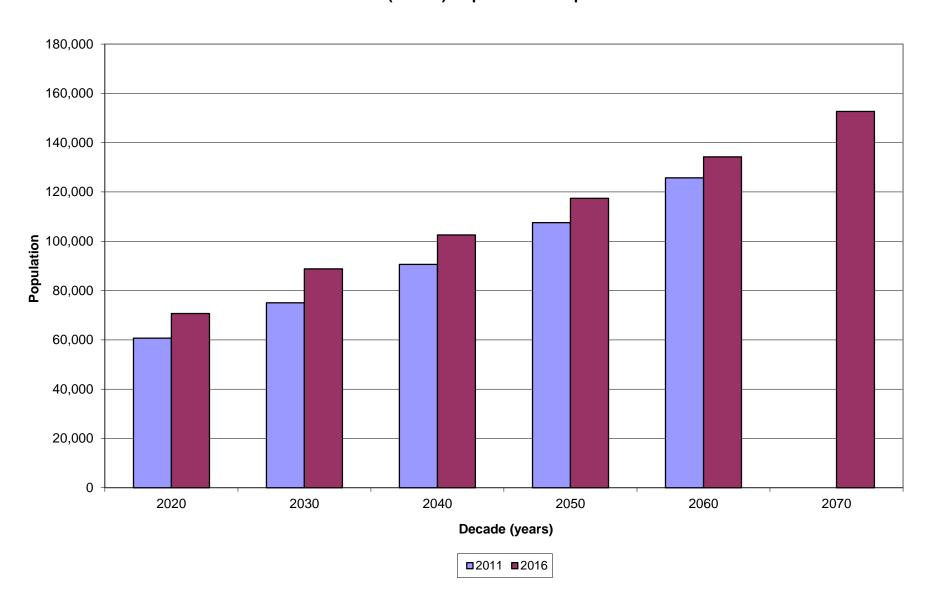
### **Travis Population Comparison**



### **Wharton (Partial) Population Comparison**



#### Williamson (Partial) Population Comparison



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#### Water Demands\* (in acre-feet per year) by WUG Category

Region K

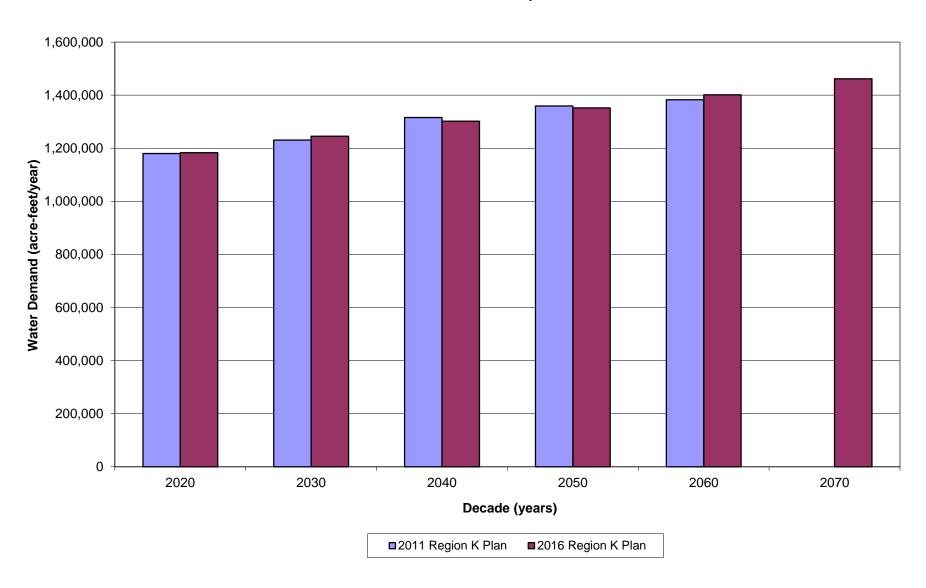
RWP	2010	2020	2030	2040	2050	2060	2070
			M	unicipal			
2016		306,560	359,194	411,761	458,588	505,009	558,949
2011	268,643	321,972	373,430	423,051	472,778	516,348	
Difference		-15,412	-14,236	-11,290	-14,190	-11,339	
% Change		-4.8	-3.8	-2.7	-3.0	-2.2	
			L	ivestock			
2016		14,012	14,012	14,012	14,012	14,012	14,012
2011	13,395	13,395	13,395	13,395	13,395	13,395	
Difference		617	617	617	617	617	
% Change		4.6	4.6	4.6	4.6	4.6	
			Ir	rigation			
2016		607,433	590,740	574,530	558,789	543,507	528,715
2011	589,705	567,272	545,634	524,809	504,695	468,763	
Difference		40,161	45,106	49,721	54,094	74,744	
% Change		7.1	8.3	9.5	10.7	15.9	
			Man	ufacturing			
2016		56,019	70,050	86,259	96,283	106,487	117,851
2011	38,162	44,916	56,233	69,264	77,374	85,698	
Difference		11,103	13,817	16,995	18,909	20,789	
% Change		24.7	24.6	24.5	24.4	24.3	
			I	Mining			
2016		20,848	26,104	27,991	29,757	31,893	34,961
2011	30,620	31,252	31,613	26,964	27,304	27,598	
Difference		-10,404	-5,509	1,027	2,453	4,295	
% Change		-33.3	-17.4	3.8	9.0	15.6	
			Steam-Electri	c Power Gene	eration		
2016		178,453	185,235	187,410	194,802	200,413	207,319
2011	146,167	201,353	210,713	258,126	263,715	270,732	
Difference		-22,900	-25,478	-70,716	-68,913	-70,319	
% Change		-11.4	-12.1	-27.4	-26.1	-26.0	

<sup>\*</sup>All values are presented in acre-feet per year

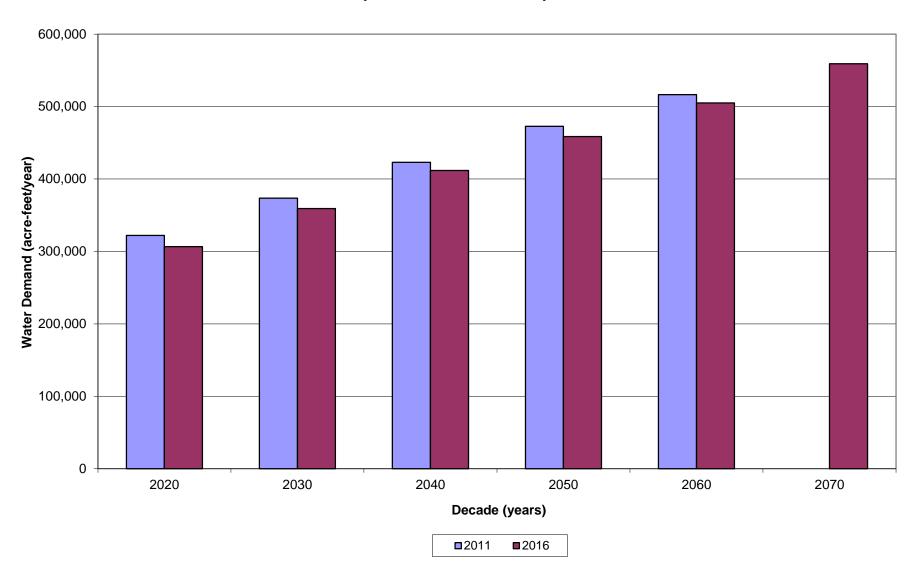
Total Water Demand										
2016		1,183,325	1,245,335	1,301,963	1,352,231	1,401,321	1,461,807			
2011	1,086,692	1,180,160	1,231,018	1,315,609	1,359,261	1,382,534				
Difference		3,165	14,317	-13,646	-7,030	18,787				
% Change		0.3	1.2	-1.0	-0.5	1.4				

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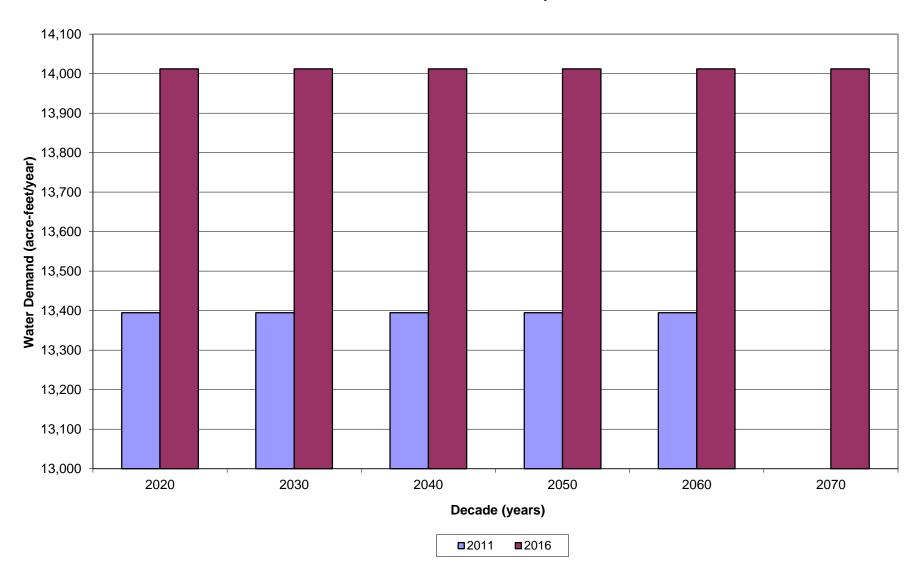
Region K
Total Water Demand Comparison



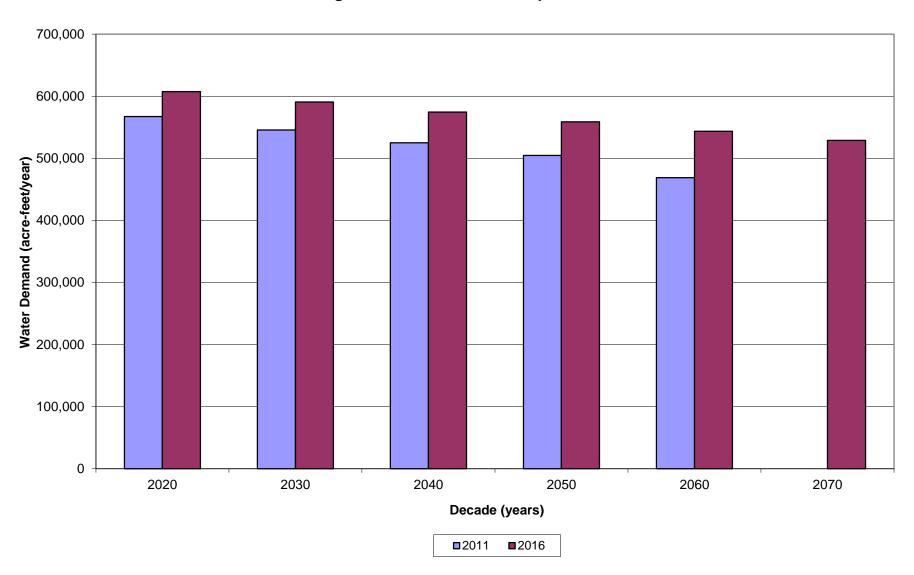
Region K Municipal Water Demand Comparison



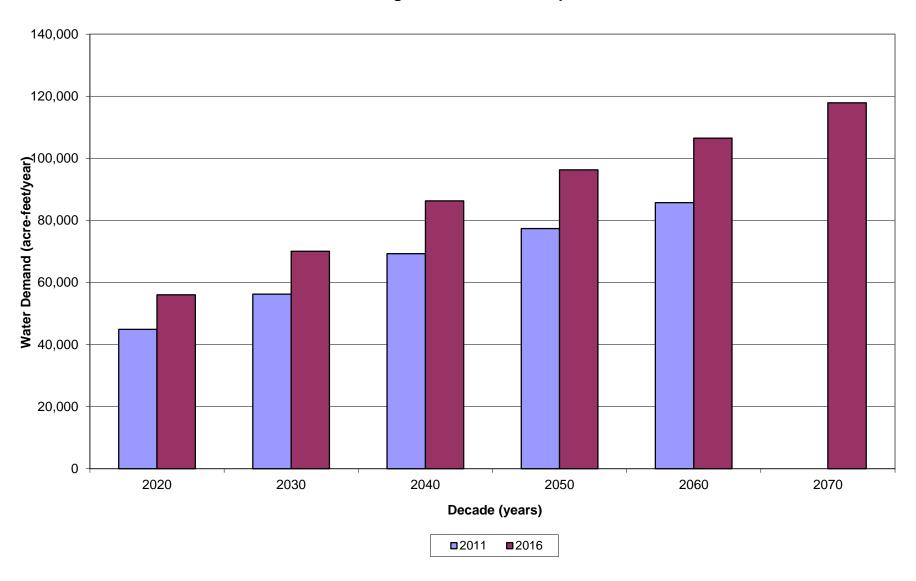
Region K Livestock Water Demand Comparison



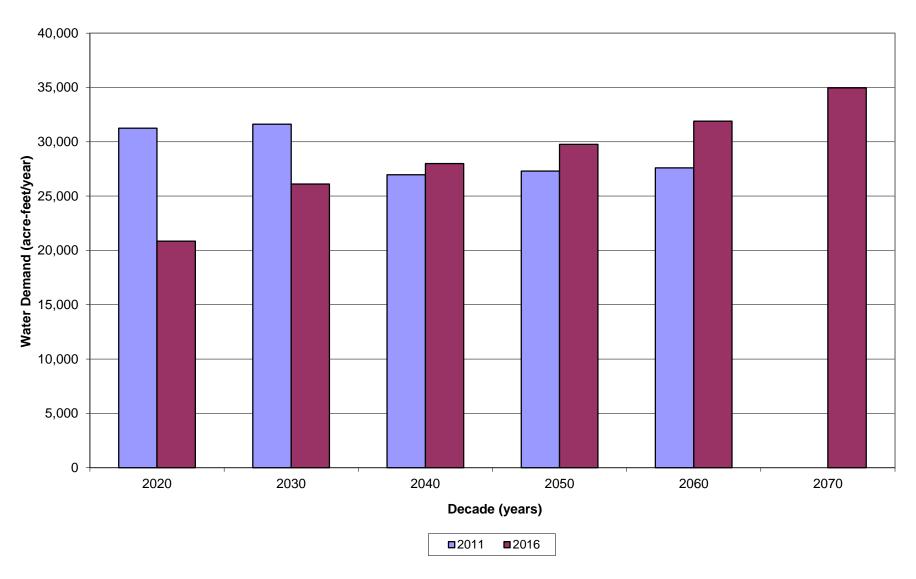
Region K
Irrigation Water Demand Comparison



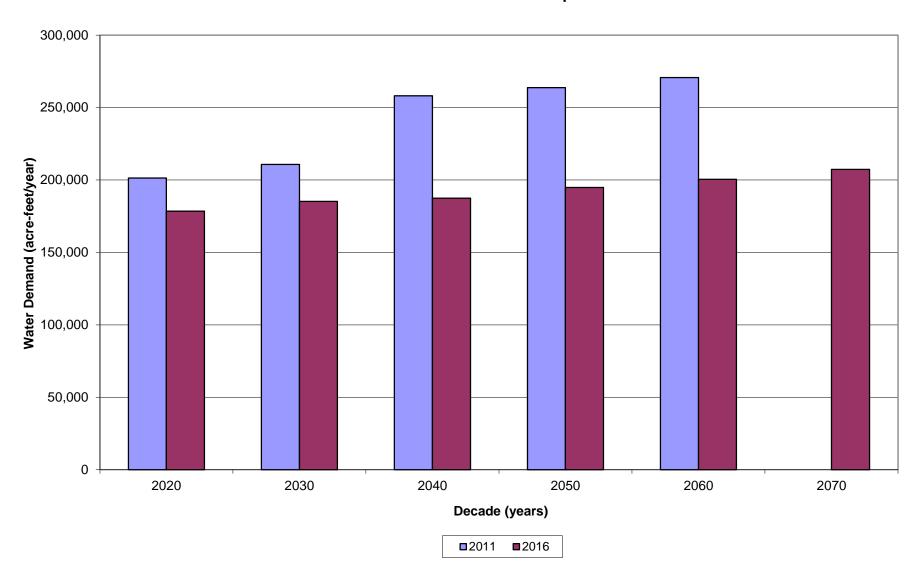
Region K
Manufacturing Water Demand Comparison



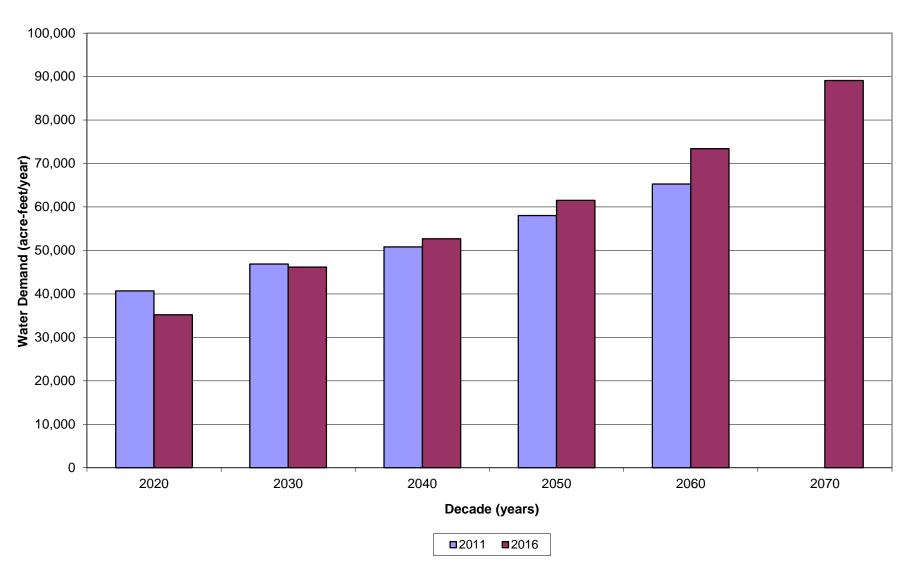
Region K Mining Water Demand Comparison



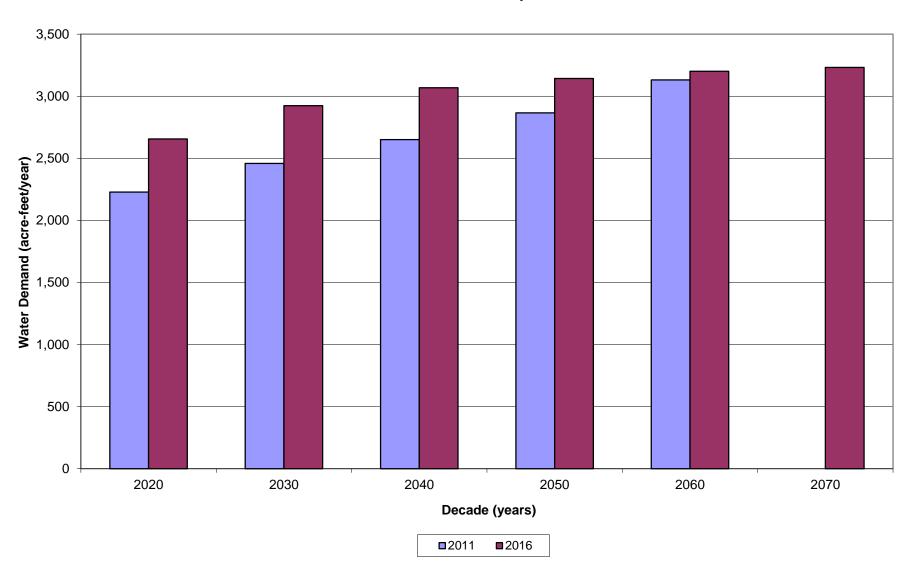
Region K Steam-Electric Water Demand Comparison



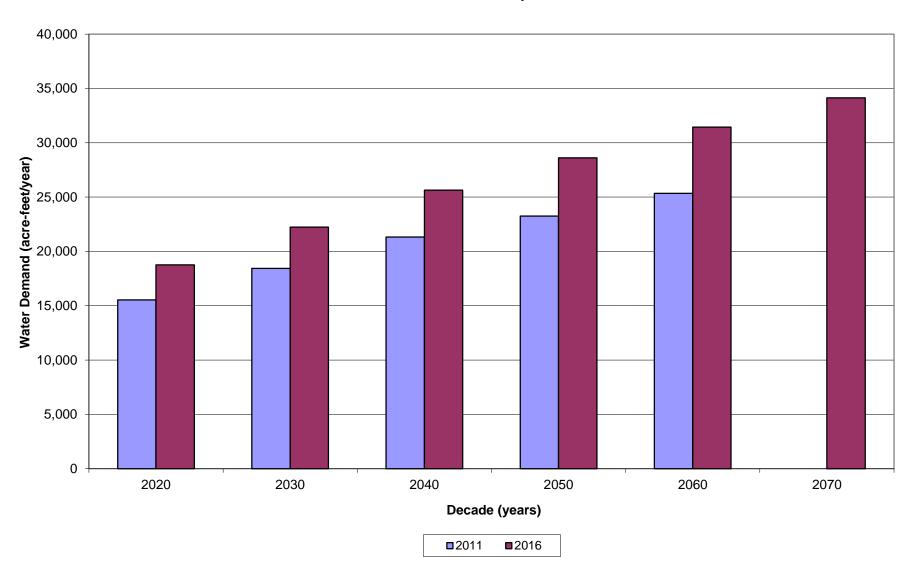
Bastrop County
Total Water Demand Comparison



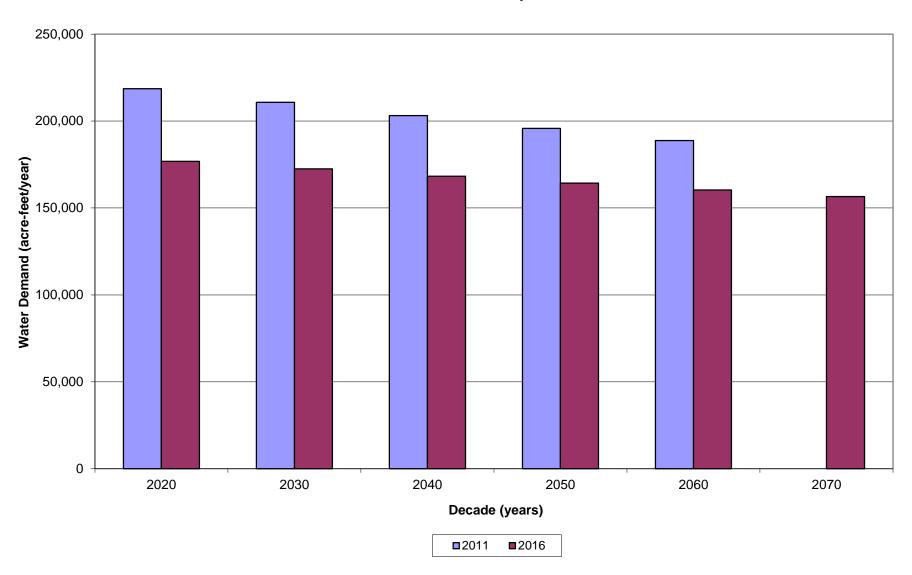
Blanco County Total Water Demand Comparison



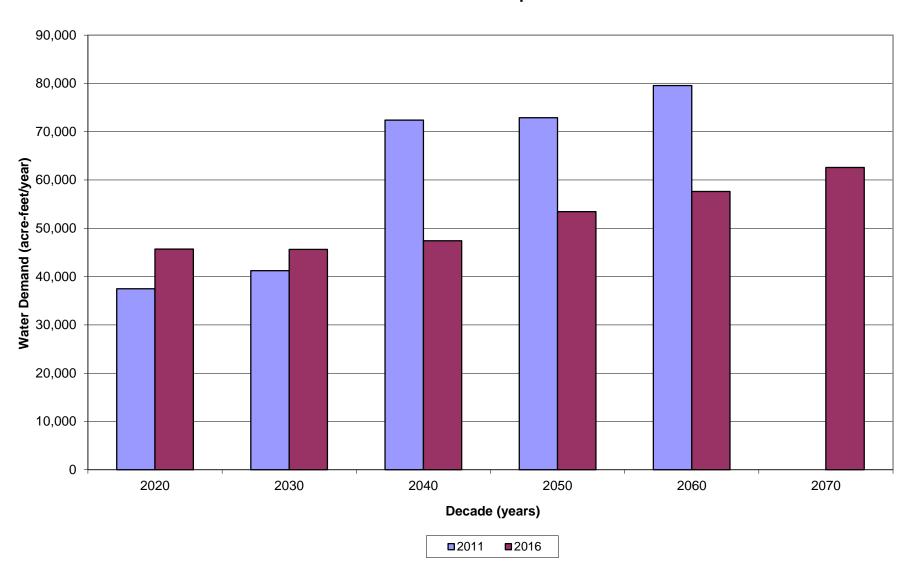
Burnet County Total Water Demand Comparison



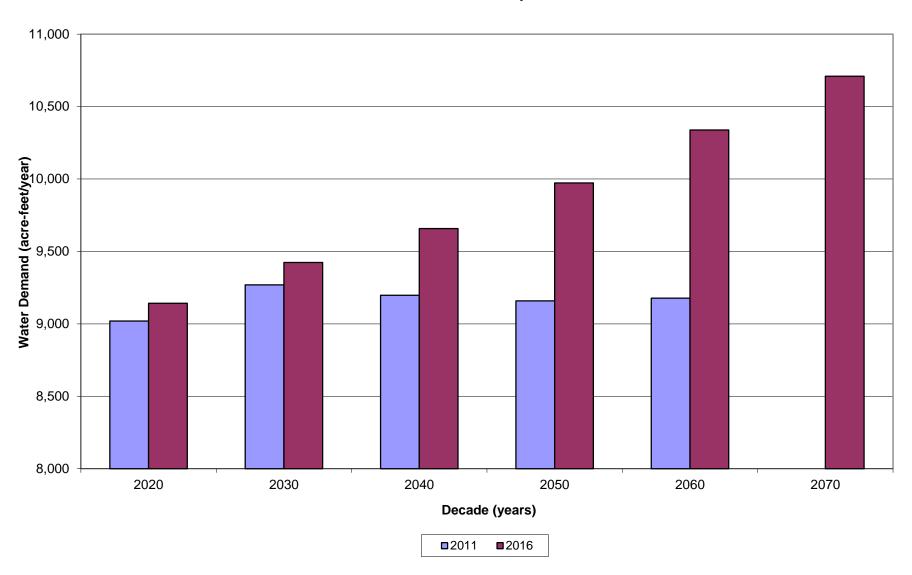
#### Colorado County Total Water Demand Comparison



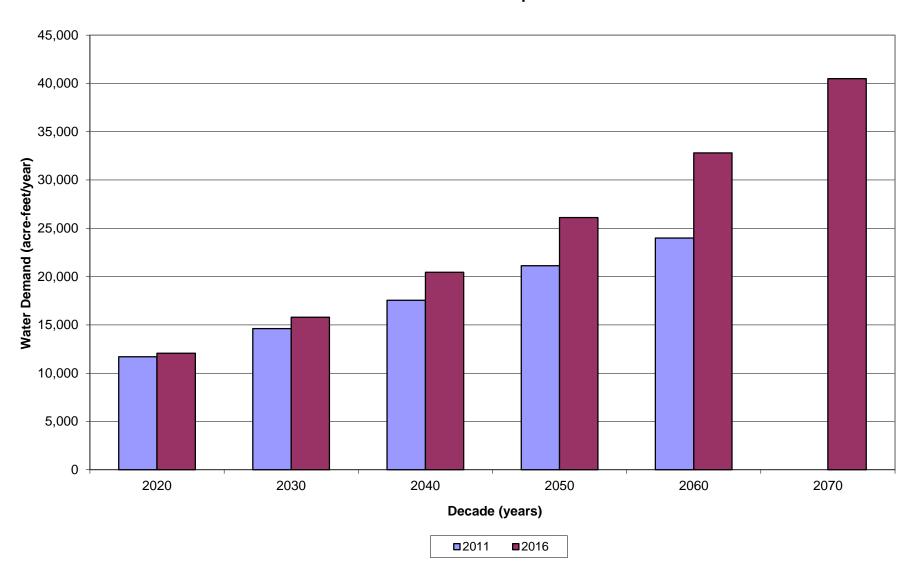
Fayette County
Total Water Demand Comparison



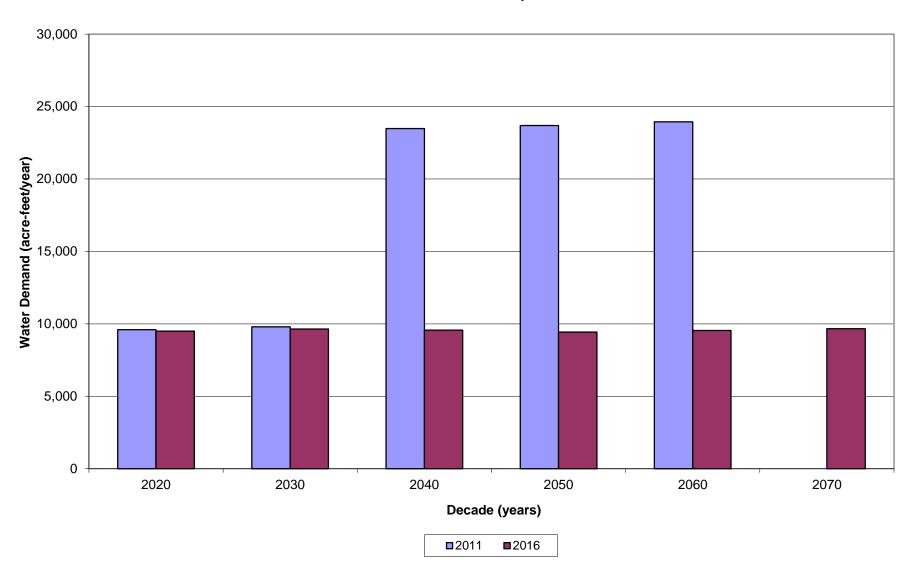
# Gillespie County Total Water Demand Comparison



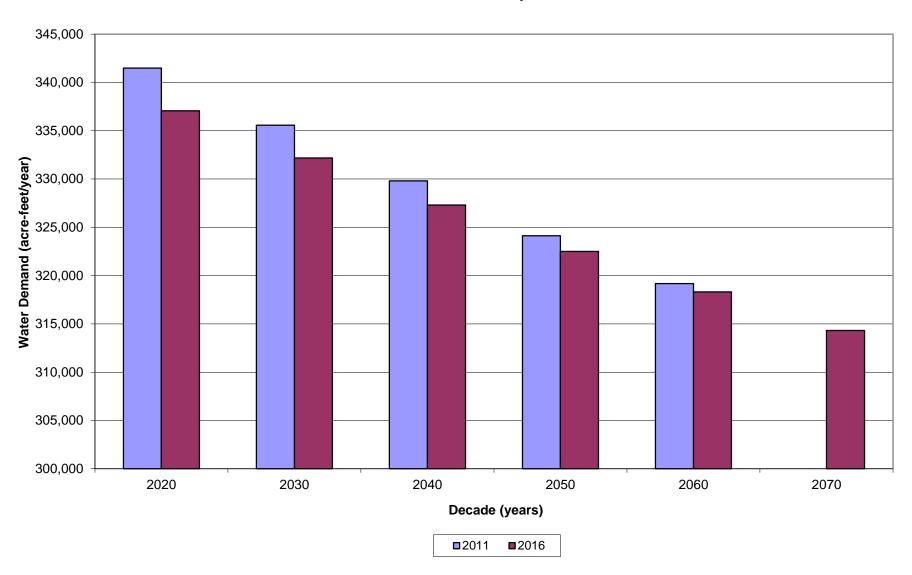
# Hays County (Partial) Total Water Demand Comparison



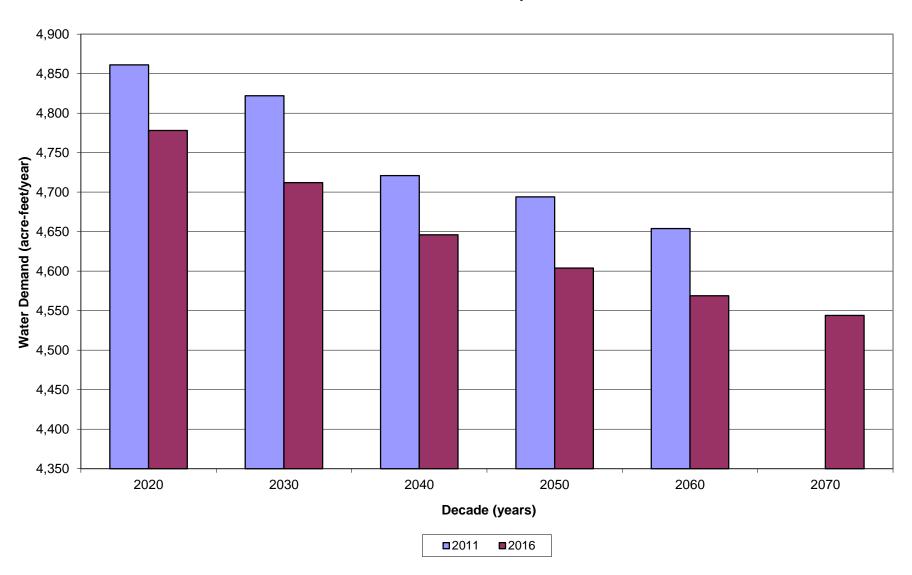
Llano County Total Water Demand Comparison



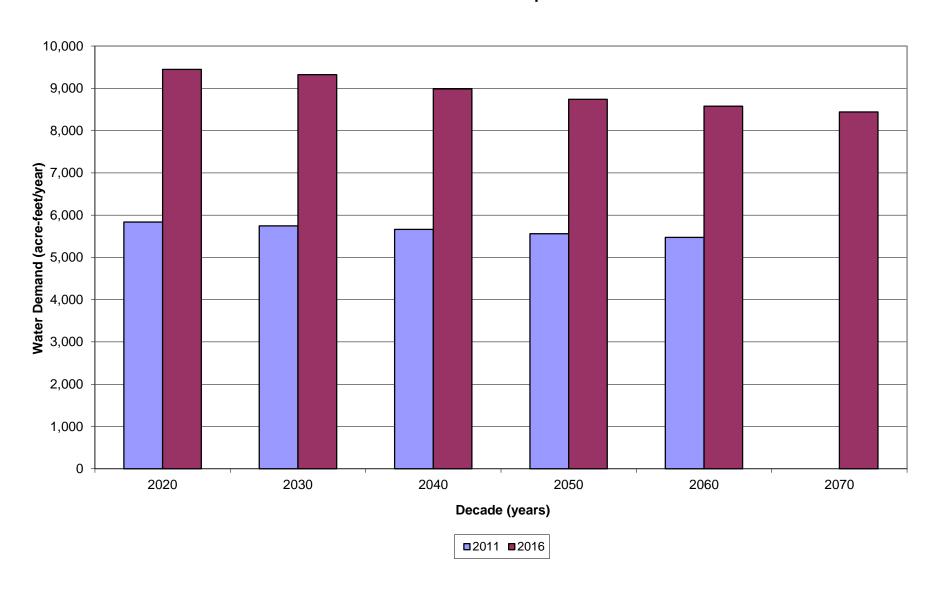
### Matagorda County Total Water Demand Comparison



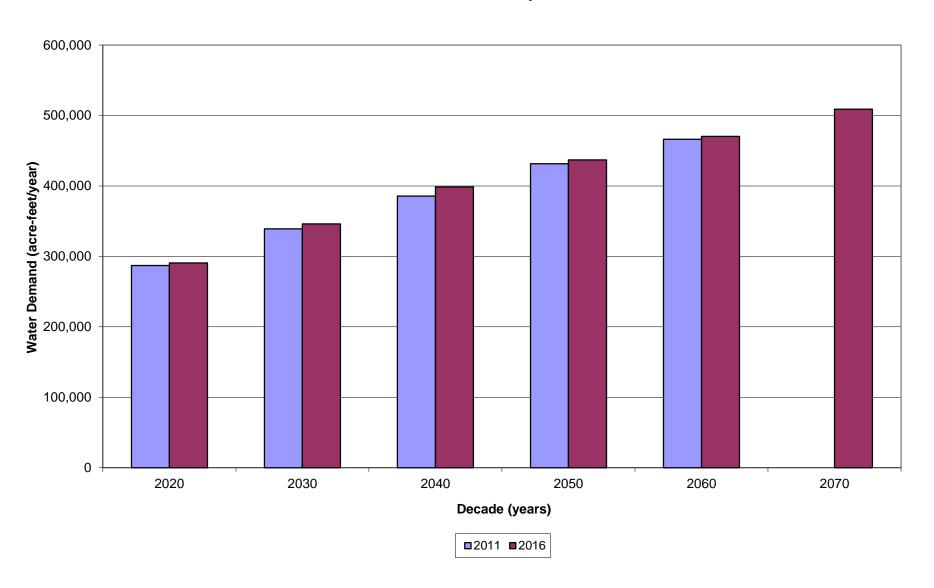
Mills County
Total Water Demand Comparison



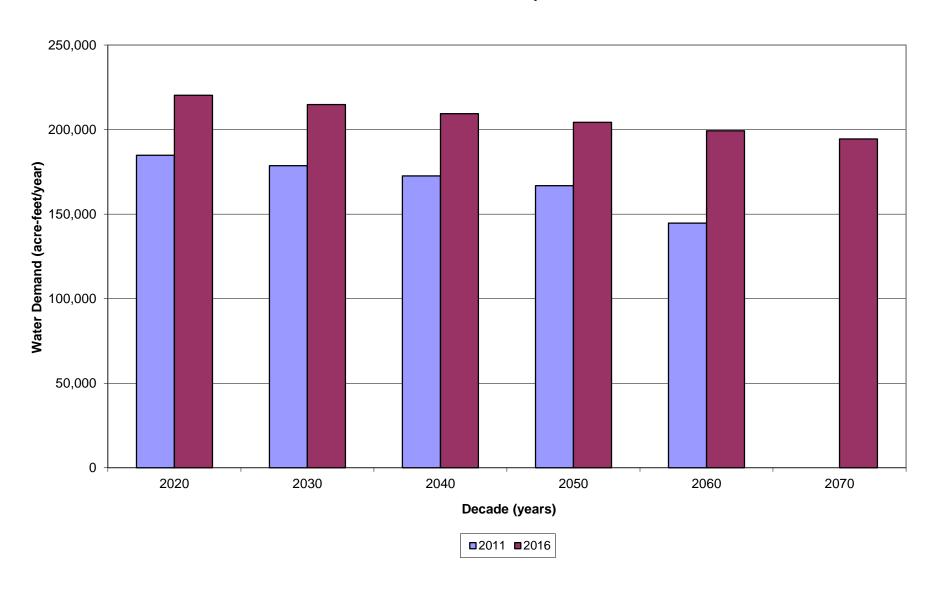
#### San Saba County Total Water Demand Comparison



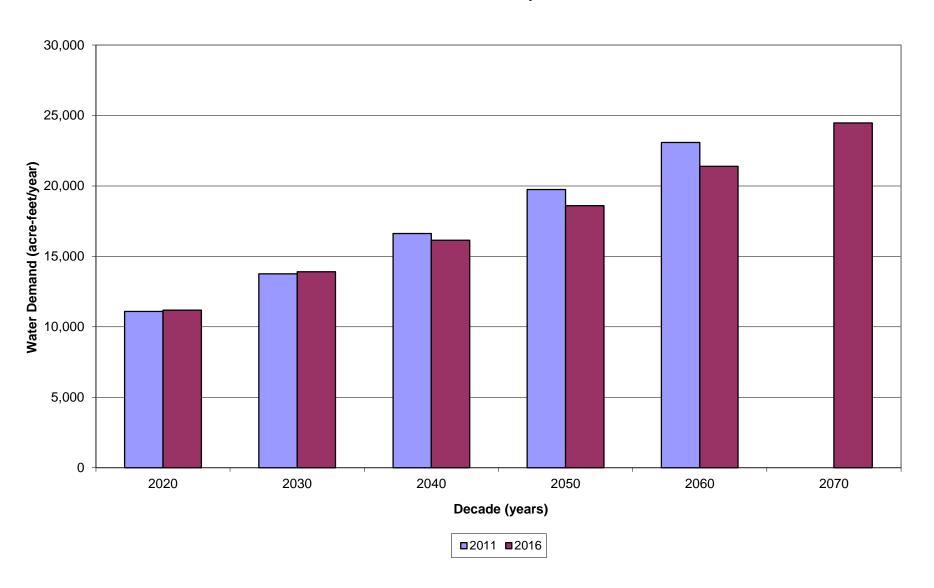
Travis County
Total Water Demand Comparison



# Wharton County (Partial) Total Water Demand Comparison



# Williamson County (Partial) Total Water Demand Comparison



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