

2016 LCRWPG WATER PLAN

APPENDIX 2A

***TWDB DB17 REPORTS
LCRWPG POPULATION AND WATER DEMAND PROJECTIONS***

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
BASTROP COUNTY						
BRAZOS BASIN						
AQUA WSC	551	724	949	1,255	1,667	2,216
LEE COUNTY WSC	342	450	590	780	1,037	1,378
COUNTY-OTHER	128	169	222	293	389	516
BRAZOS BASIN TOTAL POPULATION	1,021	1,343	1,761	2,328	3,093	4,110
COLORADO BASIN						
AQUA WSC	55,253	72,656	95,275	125,920	167,313	222,345
BASTROP	9,653	13,088	17,553	23,603	31,775	42,640
BASTROP COUNTY WCID #2	3,943	5,867	8,368	11,757	16,334	22,420
CREEDMOOR-MAHA WSC	208	262	333	429	559	732
ELGIN	9,247	12,099	15,806	20,828	27,612	36,631
LEE COUNTY WSC	465	611	801	1,059	1,407	1,870
POLONIA WSC	232	296	379	491	643	845
SMITHVILLE	4,913	6,461	8,473	11,198	14,879	19,774
COUNTY-OTHER	9,974	12,180	15,049	18,936	24,183	31,159
COLORADO BASIN TOTAL POPULATION	93,888	123,520	162,037	214,221	284,705	378,416
GUADALUPE BASIN						
AQUA WSC	390	512	672	888	1,180	1,568
COUNTY-OTHER	188	184	178	171	162	150
GUADALUPE BASIN TOTAL POPULATION	578	696	850	1,059	1,342	1,718
BASTROP COUNTY TOTAL POPULATION	95,487	125,559	164,648	217,608	289,140	384,244
BLANCO COUNTY						
COLORADO BASIN						
JOHNSON CITY	2,053	2,441	2,668	2,787	2,867	2,914
COUNTY-OTHER	4,650	5,529	6,045	6,315	6,494	6,600
COLORADO BASIN TOTAL POPULATION	6,703	7,970	8,713	9,102	9,361	9,514
GUADALUPE BASIN						
BLANCO	2,156	2,563	2,802	2,927	3,010	3,060
CANYON LAKE WATER SERVICE COMPANY	1,020	1,213	1,326	1,385	1,424	1,448
COUNTY-OTHER	3,136	3,729	4,076	4,258	4,380	4,450
GUADALUPE BASIN TOTAL POPULATION	6,312	7,505	8,204	8,570	8,814	8,958
BLANCO COUNTY TOTAL POPULATION	13,015	15,475	16,917	17,672	18,175	18,472
BURNET COUNTY						
BRAZOS BASIN						
BERTRAM	1,681	2,034	2,331	2,616	2,866	3,083
BURNET	30	36	41	46	51	55
CHISHOLM TRAIL SUD	372	451	517	580	635	683
KEMPNER WSC	769	930	1,066	1,196	1,311	1,410
COUNTY-OTHER	7,599	9,195	10,542	11,829	12,959	13,939
BRAZOS BASIN TOTAL POPULATION	10,451	12,646	14,497	16,267	17,822	19,170

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
BURNET COUNTY						
COLORADO BASIN						
BURNET	7,408	8,964	10,276	11,531	12,633	13,589
COTTONWOOD SHORES	1,395	1,688	1,935	2,171	2,379	2,559
GRANITE SHOALS	6,100	7,381	8,461	9,494	10,402	11,189
HORSESHOE BAY	1,192	1,683	2,097	2,493	2,841	3,142
KINGSLAND WSC	419	508	582	653	716	770
MARBLE FALLS	8,702	12,785	18,509	21,509	23,509	24,509
MEADOWLAKES	2,207	2,671	3,062	3,436	3,764	4,049
COUNTY-OTHER	15,240	15,942	14,254	15,114	16,505	18,449
COLORADO BASIN TOTAL POPULATION	42,663	51,622	59,176	66,401	72,749	78,256
BURNET COUNTY TOTAL POPULATION	53,114	64,268	73,673	82,668	90,571	97,426
COLORADO COUNTY						
BRAZOS-COLORADO BASIN						
EAGLE LAKE	1,164	1,215	1,252	1,307	1,353	1,398
COUNTY-OTHER	1,249	1,303	1,344	1,404	1,454	1,501
BRAZOS-COLORADO BASIN TOTAL POPULATION	2,413	2,518	2,596	2,711	2,807	2,899
COLORADO BASIN						
COLUMBUS	3,832	3,999	4,123	4,305	4,457	4,604
EAGLE LAKE	2,652	2,767	2,853	2,979	3,084	3,186
WEIMAR	740	772	796	831	860	889
COUNTY-OTHER	8,107	8,460	8,722	9,106	9,427	9,741
COLORADO BASIN TOTAL POPULATION	15,331	15,998	16,494	17,221	17,828	18,420
LAVACA BASIN						
WEIMAR	1,516	1,582	1,631	1,703	1,763	1,821
COUNTY-OTHER	2,624	2,738	2,823	2,947	3,051	3,153
LAVACA BASIN TOTAL POPULATION	4,140	4,320	4,454	4,650	4,814	4,974
COLORADO COUNTY TOTAL POPULATION	21,884	22,836	23,544	24,582	25,449	26,293
FAYETTE COUNTY						
COLORADO BASIN						
AQUA WSC	24	27	30	31	33	34
FAYETTE WSC	5,174	5,906	6,402	6,811	7,134	7,381
LA GRANGE	5,362	6,120	6,635	7,059	7,393	7,650
LEE COUNTY WSC	1,161	1,325	1,436	1,528	1,601	1,656
COUNTY-OTHER	7,745	8,840	9,584	10,197	10,678	11,049
COLORADO BASIN TOTAL POPULATION	19,466	22,218	24,087	25,626	26,839	27,770
GUADALUPE BASIN						
FAYETTE WSC	335	382	415	441	462	478
FLATONIA	302	345	374	397	416	431
COUNTY-OTHER	335	382	413	441	461	477
GUADALUPE BASIN TOTAL POPULATION	972	1,109	1,202	1,279	1,339	1,386

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
FAYETTE COUNTY						
LAVACA BASIN						
FAYETTE WSC	607	692	751	799	836	866
FLATONIA	1,296	1,479	1,603	1,706	1,787	1,848
SCHULENBURG	3,295	3,761	4,077	4,338	4,543	4,701
COUNTY-OTHER	2,737	3,125	3,388	3,603	3,775	3,905
LAVACA BASIN TOTAL POPULATION	7,935	9,057	9,819	10,446	10,941	11,320
FAYETTE COUNTY TOTAL POPULATION	28,373	32,384	35,108	37,351	39,119	40,476
GILLESPIE COUNTY						
COLORADO BASIN						
FREDERICKSBURG	11,318	12,146	12,829	13,630	14,367	15,083
COUNTY-OTHER	14,910	16,095	17,072	18,217	19,270	20,294
COLORADO BASIN TOTAL POPULATION	26,228	28,241	29,901	31,847	33,637	35,377
GUADALUPE BASIN						
COUNTY-OTHER	567	611	647	689	728	765
GUADALUPE BASIN TOTAL POPULATION	567	611	647	689	728	765
GILLESPIE COUNTY TOTAL POPULATION	26,795	28,852	30,548	32,536	34,365	36,142
HAYS COUNTY						
COLORADO BASIN						
AUSTIN	71	760	1,489	3,776	9,100	16,468
BUDA	9,831	14,132	19,369	25,916	33,315	41,735
CIMARRON PARK WATER COMPANY	2,150	2,150	2,150	2,150	2,150	2,150
DRIPPING SPRINGS	2,031	2,311	2,652	3,078	3,560	4,108
DRIPPING SPRINGS WSC	3,037	3,938	5,035	6,407	7,957	9,721
GOFORTH SUD	789	1,246	1,803	2,499	3,285	4,180
MOUNTAIN CITY	490	490	490	490	490	490
PLUM CREEK WATER COMPANY	2,416	3,922	4,208	4,450	4,641	4,791
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	9,514	13,449	18,241	24,231	31,000	38,704
COUNTY-OTHER	25,255	30,845	39,310	48,632	56,509	64,232
COLORADO BASIN TOTAL POPULATION	55,584	73,243	94,747	121,629	152,007	186,579
HAYS COUNTY TOTAL POPULATION	55,584	73,243	94,747	121,629	152,007	186,579
LLANO COUNTY						
COLORADO BASIN						
HORSESHOE BAY	2,958	3,119	3,115	3,061	3,165	3,272
KINGSLAND WSC	8,302	9,581	9,546	9,119	9,938	10,786
LLANO	3,565	3,759	3,754	3,689	3,814	3,943
SUNRISE BEACH VILLAGE	720	724	723	721	723	726
COUNTY-OTHER	5,746	5,270	5,284	5,445	5,139	4,822
COLORADO BASIN TOTAL POPULATION	21,291	22,453	22,422	22,035	22,779	23,549
LLANO COUNTY TOTAL POPULATION	21,291	22,453	22,422	22,035	22,779	23,549

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
MATAGORDA COUNTY						
BRAZOS-COLORADO BASIN						
BAY CITY	18,759	19,746	20,379	20,869	21,216	21,465
COUNTY-OTHER	7,991	8,411	8,681	8,889	9,038	9,143
BRAZOS-COLORADO BASIN TOTAL POPULATION	26,750	28,157	29,060	29,758	30,254	30,608
COLORADO BASIN						
BAY CITY	38	40	41	42	43	43
COUNTY-OTHER	1,636	1,722	1,777	1,820	1,850	1,872
COLORADO BASIN TOTAL POPULATION	1,674	1,762	1,818	1,862	1,893	1,915
COLORADO-LAVACA BASIN						
PALACIOS	5,035	5,300	5,470	5,601	5,695	5,761
COUNTY-OTHER	5,707	6,007	6,200	6,349	6,454	6,531
COLORADO-LAVACA BASIN TOTAL POPULATION	10,742	11,307	11,670	11,950	12,149	12,292
MATAGORDA COUNTY TOTAL POPULATION	39,166	41,226	42,548	43,570	44,296	44,815
MILLS COUNTY						
BRAZOS BASIN						
GOLDTHWAITE	49	50	52	54	56	58
COUNTY-OTHER	1,117	1,155	1,185	1,232	1,279	1,333
BRAZOS BASIN TOTAL POPULATION	1,166	1,205	1,237	1,286	1,335	1,391
COLORADO BASIN						
BROOKESMITH SUD	47	49	50	52	54	56
GOLDTHWAITE	1,820	1,882	1,932	2,008	2,085	2,172
COUNTY-OTHER	1,879	1,940	1,994	2,071	2,151	2,240
COLORADO BASIN TOTAL POPULATION	3,746	3,871	3,976	4,131	4,290	4,468
MILLS COUNTY TOTAL POPULATION	4,912	5,076	5,213	5,417	5,625	5,859
SAN SABA COUNTY						
COLORADO BASIN						
RICHLAND SUD	1,179	1,235	1,242	1,222	1,251	1,280
SAN SABA	3,277	3,433	3,453	3,397	3,477	3,557
COUNTY-OTHER	2,028	2,125	2,138	2,103	2,151	2,202
COLORADO BASIN TOTAL POPULATION	6,484	6,793	6,833	6,722	6,879	7,039
SAN SABA COUNTY TOTAL POPULATION	6,484	6,793	6,833	6,722	6,879	7,039
TRAVIS COUNTY						
COLORADO BASIN						
AQUA WSC	6,628	7,653	8,620	9,702	10,658	11,546
AUSTIN	930,842	1,096,053	1,258,060	1,377,379	1,477,455	1,596,216
BARTON CREEK WEST WSC	1,456	1,456	1,456	1,456	1,456	1,456
BEE CAVE	4,740	5,473	6,165	6,939	7,622	8,258
BRIARCLIFF	1,736	2,005	2,258	2,542	2,792	3,025
CEDAR PARK	9,551	10,188	10,958	10,958	10,958	10,958
CREEDMOOR-MAHA WSC	5,093	5,881	6,624	7,456	8,190	8,873

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
TRAVIS COUNTY						
COLORADO BASIN						
ELGIN	1,788	2,578	3,323	4,157	4,893	5,578
JONESTOWN	1,987	2,125	2,255	2,400	2,528	2,647
LAGO VISTA	7,580	8,964	10,269	11,730	13,020	14,220
LAKEWAY	19,000	25,000	25,000	25,000	25,000	25,000
LEANDER	9,491	24,827	43,093	46,640	48,403	50,610
LOOP 360 WSC	1,998	2,086	2,169	2,262	2,344	2,420
LOST CREEK MUD	4,369	4,369	4,369	4,369	4,369	4,369
MANOR	8,884	12,343	15,605	19,258	22,482	25,480
MANVILLE WSC	19,152	23,593	27,780	32,469	36,607	40,456
MUSTANG RIDGE	336	353	368	385	400	414
NORTH AUSTIN MUD #1	780	780	780	780	780	780
NORTHTOWN MUD	10,272	11,860	13,359	15,036	16,517	17,894
PFLUGERVILLE	77,054	104,405	130,195	159,073	184,561	208,268
POINT VENTURE	1,181	1,524	1,847	2,209	2,528	2,825
ROLLINGWOOD	1,421	1,429	1,436	1,444	1,451	1,458
ROUND ROCK	1,649	1,907	2,150	2,422	2,662	2,885
SHADY HOLLOW MUD	4,889	4,889	4,889	4,889	4,889	4,889
SUNSET VALLEY	1,134	1,480	1,806	2,171	2,494	2,794
THE HILLS	3,000	3,000	3,000	3,000	3,000	3,000
TRAVIS COUNTY MUD #4	3,113	3,595	4,049	4,557	5,006	5,424
TRAVIS COUNTY WCID #10	6,139	7,088	7,984	8,986	9,871	10,694
TRAVIS COUNTY WCID #17	33,117	39,741	43,715	44,473	45,671	47,125
TRAVIS COUNTY WCID #18	6,657	7,686	8,657	9,745	10,704	11,597
TRAVIS COUNTY WCID #19	716	716	716	716	716	716
TRAVIS COUNTY WCID #20	1,140	1,140	1,140	1,140	1,140	1,140
VOLENTE	677	818	951	1,100	1,232	1,354
WELLS BRANCH MUD	14,989	14,989	14,989	14,989	14,989	14,989
WEST LAKE HILLS	3,699	3,699	3,699	3,699	3,699	3,699
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	5,501	6,352	7,154	8,053	8,846	9,583
WILLIAMSON-TRAVIS COUNTY MUD #1	1,173	1,173	1,173	1,173	1,173	1,173
COUNTY-OTHER	59,713	54,696	49,962	42,096	31,032	21,041
COLORADO BASIN TOTAL POPULATION	1,272,645	1,507,914	1,732,023	1,896,853	2,032,138	2,184,854
GUADALUPE BASIN						
CREEDMOOR-MAHA WSC	240	277	312	351	386	418
GOFORTH SUD	77	89	100	113	124	134
MUSTANG RIDGE	123	128	134	140	146	151
COUNTY-OTHER	175	234	291	312	326	352
GUADALUPE BASIN TOTAL POPULATION	615	728	837	916	982	1,055
TRAVIS COUNTY TOTAL POPULATION	1,273,260	1,508,642	1,732,860	1,897,769	2,033,120	2,185,909

Water User Group (WUG) Population

REGION K	WUG POPULATION					
	2020	2030	2040	2050	2060	2070
WHARTON COUNTY						
BRAZOS-COLORADO BASIN						
EAST BERNARD	2,411	2,566	2,690	2,797	2,896	2,983
WHARTON	6,186	6,583	6,900	7,174	7,428	7,652
COUNTY-OTHER	9,329	9,927	10,405	10,820	11,202	11,541
BRAZOS-COLORADO BASIN TOTAL POPULATION	17,926	19,076	19,995	20,791	21,526	22,176
COLORADO BASIN						
EL CAMPO	27	29	30	31	32	33
WHARTON	3,186	3,391	3,554	3,696	3,826	3,942
COUNTY-OTHER	4,471	4,757	4,987	5,186	5,369	5,531
COLORADO BASIN TOTAL POPULATION	7,684	8,177	8,571	8,913	9,227	9,506
COLORADO-LAVACA BASIN						
COUNTY-OTHER	1,434	1,526	1,599	1,663	1,722	1,774
COLORADO-LAVACA BASIN TOTAL POPULATION	1,434	1,526	1,599	1,663	1,722	1,774
LAVACA BASIN						
COUNTY-OTHER	140	149	157	162	168	173
LAVACA BASIN TOTAL POPULATION	140	149	157	162	168	173
WHARTON COUNTY TOTAL POPULATION	27,184	28,928	30,322	31,529	32,643	33,629
WILLIAMSON COUNTY						
BRAZOS BASIN						
AUSTIN	45,505	57,164	70,943	85,781	102,609	121,072
NORTH AUSTIN MUD #1	7,442	7,442	7,442	7,442	7,442	7,442
WELLS BRANCH MUD	1,073	1,073	1,073	1,073	1,073	1,073
COUNTY-OTHER	16,658	23,108	23,108	23,108	23,108	23,108
BRAZOS BASIN TOTAL POPULATION	70,678	88,787	102,566	117,404	134,232	152,695
WILLIAMSON COUNTY TOTAL POPULATION	70,678	88,787	102,566	117,404	134,232	152,695
REGION K TOTAL POPULATION	1,737,227	2,064,522	2,381,949	2,658,492	2,928,400	3,243,127

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
COLORADO COUNTY						
COLORADO BASIN						
IRRIGATION	28,073	27,318	26,583	25,868	25,172	24,495
COLORADO BASIN TOTAL DEMAND	36,584	35,922	35,266	34,691	34,141	33,610
LAVACA BASIN						
WEIMAR	373	382	388	402	416	429
COUNTY-OTHER	323	326	326	336	346	358
MANUFACTURING	368	393	416	435	469	507
MINING	266	269	272	274	277	280
LIVESTOCK	465	465	465	465	465	465
IRRIGATION	88,248	85,874	83,564	81,316	79,129	77,000
LAVACA BASIN TOTAL DEMAND	90,043	87,709	85,431	83,228	81,102	79,039
COLORADO COUNTY TOTAL DEMAND	176,833	172,508	168,281	164,251	160,361	156,585
FAYETTE COUNTY						
COLORADO BASIN						
AQUA WSC	4	5	5	5	6	6
FAYETTE WSC	639	709	755	795	831	860
LA GRANGE	865	959	1,020	1,075	1,123	1,162
LEE COUNTY WSC	148	164	174	184	192	198
COUNTY-OTHER	885	968	1,021	1,070	1,117	1,156
MINING	2,046	1,646	1,187	744	291	284
STEAM ELECTRIC POWER	35,702	35,702	37,802	44,102	48,602	53,402
LIVESTOCK	1,903	1,903	1,903	1,903	1,903	1,903
IRRIGATION	380	355	332	311	292	276
COLORADO BASIN TOTAL DEMAND	42,572	42,411	44,199	50,189	54,357	59,247
GUADALUPE BASIN						
FAYETTE WSC	42	46	49	52	54	56
FLATONIA	64	71	76	80	83	86
COUNTY-OTHER	38	41	43	46	48	50
MINING	126	102	73	45	18	17
LIVESTOCK	108	108	108	108	108	108
IRRIGATION	62	58	55	51	48	45
GUADALUPE BASIN TOTAL DEMAND	440	426	404	382	359	362
LAVACA BASIN						
FAYETTE WSC	76	83	89	94	98	101
FLATONIA	270	301	321	339	356	368
SCHULENBURG	735	821	878	927	970	1,003
COUNTY-OTHER	313	343	361	379	396	409
MANUFACTURING	358	395	431	462	501	543
MINING	354	284	205	129	50	49
LIVESTOCK	386	386	386	386	386	386
IRRIGATION	181	170	158	149	140	132
LAVACA BASIN TOTAL DEMAND	2,673	2,783	2,829	2,865	2,897	2,991
FAYETTE COUNTY TOTAL DEMAND	45,685	45,620	47,432	53,436	57,613	62,600
GILLESPIE COUNTY						
COLORADO BASIN						
FREDERICKSBURG	3,146	3,327	3,476	3,672	3,866	4,058
COUNTY-OTHER	1,756	1,829	1,891	1,990	2,098	2,208
MANUFACTURING	1,049	1,102	1,151	1,192	1,276	1,366

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
GILLESPIE COUNTY						
COLORADO BASIN						
MINING	4	4	4	4	4	4
LIVESTOCK	1,030	1,030	1,030	1,030	1,030	1,030
IRRIGATION	2,058	2,031	2,003	1,978	1,953	1,928
COLORADO BASIN TOTAL DEMAND	9,043	9,323	9,555	9,866	10,227	10,594
GUADALUPE BASIN						
COUNTY-OTHER	67	69	71	75	79	83
LIVESTOCK	32	32	32	32	32	32
GUADALUPE BASIN TOTAL DEMAND	99	101	103	107	111	115
GILLESPIE COUNTY TOTAL DEMAND	9,142	9,424	9,658	9,973	10,338	10,709
HAYS COUNTY						
COLORADO BASIN						
AUSTIN	13	127	249	631	1,519	2,749
BUDA	1,769	2,508	3,420	4,564	5,860	7,338
CIMARRON PARK WATER COMPANY	249	241	234	230	229	229
DRIPPING SPRINGS	479	537	610	704	813	938
DRIPPING SPRINGS WSC	533	680	861	1,091	1,353	1,652
GOFORTH SUD	85	130	185	255	334	425
MOUNTAIN CITY	57	56	54	54	54	54
PLUM CREEK WATER COMPANY	163	264	283	300	312	322
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	4,093	5,758	7,795	10,343	13,226	16,508
COUNTY-OTHER	3,107	3,696	4,620	5,677	6,579	7,472
MANUFACTURING	347	398	449	495	537	583
MINING	845	1,075	1,361	1,445	1,654	1,893
LIVESTOCK	220	220	220	220	220	220
IRRIGATION	107	107	107	107	107	107
COLORADO BASIN TOTAL DEMAND	12,067	15,797	20,448	26,116	32,797	40,490
HAYS COUNTY TOTAL DEMAND	12,067	15,797	20,448	26,116	32,797	40,490
LLANO COUNTY						
COLORADO BASIN						
HORSESHOE BAY	1,854	1,943	1,934	1,897	1,960	2,026
KINGSLAND WSC	906	1,018	1,001	949	1,031	1,118
LLANO	862	892	878	856	884	913
SUNRISE BEACH VILLAGE	74	72	70	68	68	68
COUNTY-OTHER	610	554	553	567	533	500
MANUFACTURING	3	3	3	3	3	3
MINING	3	3	3	3	3	3
STEAM ELECTRIC POWER	2,500	2,500	2,500	2,500	2,500	2,500
LIVESTOCK	751	751	751	751	751	751
IRRIGATION	1,936	1,902	1,870	1,840	1,810	1,781
COLORADO BASIN TOTAL DEMAND	9,499	9,638	9,563	9,434	9,543	9,663
LLANO COUNTY TOTAL DEMAND	9,499	9,638	9,563	9,434	9,543	9,663
MATAGORDA COUNTY						
BRAZOS-COLORADO BASIN						
BAY CITY	2,837	2,889	2,904	2,949	2,990	3,025
COUNTY-OTHER	834	837	832	835	846	856
MANUFACTURING	650	680	707	730	771	814
MINING	53	55	41	30	19	12

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
MATAGORDA COUNTY						
BRAZOS-COLORADO BASIN						
LIVESTOCK	664	664	664	664	664	664
IRRIGATION	92,540	90,015	87,558	85,167	82,840	80,576
BRAZOS-COLORADO BASIN TOTAL DEMAND	97,578	95,140	92,706	90,375	88,130	85,947
COLORADO BASIN						
BAY CITY	6	6	6	6	7	7
COUNTY-OTHER	171	172	171	172	174	176
MANUFACTURING	15,440	16,141	16,802	17,346	18,304	19,325
MINING	8	9	7	5	3	2
STEAM ELECTRIC POWER	105,000	105,000	105,000	105,000	105,000	105,000
LIVESTOCK	131	131	131	131	131	131
IRRIGATION	13,217	12,856	12,505	12,164	11,832	11,508
COLORADO BASIN TOTAL DEMAND	133,973	134,315	134,622	134,824	135,451	136,149
COLORADO-LAVACA BASIN						
PALACIOS	679	691	694	700	710	718
COUNTY-OTHER	596	598	595	597	605	612
MANUFACTURING	163	170	177	183	192	203
MINING	35	36	27	20	13	8
LIVESTOCK	708	708	708	708	708	708
IRRIGATION	103,330	100,511	97,767	95,097	92,499	89,971
COLORADO-LAVACA BASIN TOTAL DEMAND	105,511	102,714	99,968	97,305	94,727	92,220
MATAGORDA COUNTY TOTAL DEMAND	337,062	332,169	327,296	322,504	318,308	314,316
MILLS COUNTY						
BRAZOS BASIN						
GOLDTHWAITE	10	10	10	10	11	11
COUNTY-OTHER	144	143	142	146	151	157
MINING	2	2	2	2	2	2
LIVESTOCK	321	321	321	321	321	321
IRRIGATION	1,415	1,385	1,355	1,326	1,297	1,270
BRAZOS BASIN TOTAL DEMAND	1,892	1,861	1,830	1,805	1,782	1,761
COLORADO BASIN						
BROOKESMITH SUD	8	8	8	8	8	8
GOLDTHWAITE	351	354	356	367	379	396
COUNTY-OTHER	241	239	237	244	253	263
MANUFACTURING	2	2	2	2	2	2
MINING	2	2	2	2	2	2
LIVESTOCK	623	623	623	623	623	623
IRRIGATION	1,659	1,623	1,588	1,553	1,520	1,489
COLORADO BASIN TOTAL DEMAND	2,886	2,851	2,816	2,799	2,787	2,783
MILLS COUNTY TOTAL DEMAND	4,778	4,712	4,646	4,604	4,569	4,544
SAN SABA COUNTY						
COLORADO BASIN						
RICHLAND SUD	168	172	169	165	168	172
SAN SABA	1,138	1,178	1,174	1,149	1,175	1,202
COUNTY-OTHER	316	320	314	309	315	322
MANUFACTURING	8	8	8	8	8	8
MINING	1,088	1,093	944	900	864	838

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
SAN SABA COUNTY						
COLORADO BASIN						
LIVESTOCK	1,191	1,191	1,191	1,191	1,191	1,191
IRRIGATION	5,539	5,361	5,188	5,018	4,856	4,709
COLORADO BASIN TOTAL DEMAND	9,448	9,323	8,988	8,740	8,577	8,442
SAN SABA COUNTY TOTAL DEMAND	9,448	9,323	8,988	8,740	8,577	8,442
TRAVIS COUNTY						
COLORADO BASIN						
AQUA WSC	1,089	1,226	1,363	1,524	1,672	1,810
AUSTIN	157,445	182,933	209,973	229,887	246,590	266,411
BARTON CREEK WEST WSC	432	427	424	423	422	422
BEE CAVE	1,777	2,043	2,297	2,582	2,834	3,070
BRIARCLIFF	260	295	328	368	403	436
CEDAR PARK	2,432	2,579	2,767	2,763	2,761	2,760
CREEDMOOR-MAHA WSC	565	623	681	756	828	896
ELGIN	251	352	447	556	653	744
JONESTOWN	408	428	448	473	497	521
LAGO VISTA	1,868	2,185	2,488	2,832	3,140	3,428
LAKEWAY	6,977	9,115	9,093	9,081	9,076	9,075
LEANDER	1,134	2,908	5,020	5,422	5,623	5,878
LOOP 360 WSC	1,174	1,220	1,264	1,316	1,363	1,407
LOST CREEK MUD	1,092	1,072	1,057	1,056	1,054	1,054
MANOR	1,141	1,559	1,959	2,410	2,810	3,183
MANVILLE WSC	2,984	3,604	4,201	4,885	5,499	6,074
MUSTANG RIDGE	45	46	47	48	50	51
NORTH AUSTIN MUD #1	82	79	77	75	75	75
NORTHTOWN MUD	691	798	898	1,011	1,111	1,203
PFLUGERVILLE	12,775	17,105	21,243	25,896	30,012	33,851
POINT VENTURE	347	443	534	638	729	815
ROLLINGWOOD	384	379	376	375	376	378
ROUND ROCK	265	301	336	377	414	448
SHADY HOLLOW MUD	779	758	741	731	730	730
SUNSET VALLEY	386	499	606	727	834	934
THE HILLS	1,449	1,444	1,441	1,439	1,438	1,438
TRAVIS COUNTY MUD #4	2,611	3,010	3,387	3,810	4,184	4,533
TRAVIS COUNTY WCID #10	2,128	2,428	2,715	3,044	3,341	3,619
TRAVIS COUNTY WCID #17	8,451	10,053	11,017	11,187	11,479	11,842
TRAVIS COUNTY WCID #18	1,123	1,267	1,407	1,573	1,725	1,867
TRAVIS COUNTY WCID #19	498	496	494	493	493	493
TRAVIS COUNTY WCID #20	590	587	584	583	582	582
VOLENTE	76	89	101	116	130	142
WELLS BRANCH MUD	1,638	1,602	1,577	1,563	1,559	1,558
WEST LAKE HILLS	1,564	1,550	1,539	1,533	1,532	1,532
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	2,367	2,720	3,057	3,438	3,774	4,088
WILLIAMSON-TRAVIS COUNTY MUD #1	153	149	147	147	146	146
COUNTY-OTHER	8,370	7,608	6,925	5,811	4,256	2,879
MANUFACTURING	35,790	48,710	63,858	72,991	81,781	91,630
MINING	3,467	4,067	4,714	5,320	5,986	6,749

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
TRAVIS COUNTY						
COLORADO BASIN						
STEAM ELECTRIC POWER	18,500	22,500	22,500	23,500	24,500	26,500
LIVESTOCK	680	680	680	680	680	680
IRRIGATION	4,322	3,975	3,657	3,364	3,097	2,885
COLORADO BASIN TOTAL DEMAND	290,560	345,912	398,468	436,804	470,239	508,817
GUADALUPE BASIN						
CREEDMOOR-MAHA WSC	27	30	33	36	40	43
GOFORTH SUD	9	10	11	12	13	14
MUSTANG RIDGE	17	17	17	18	19	20
COUNTY-OTHER	25	33	41	44	45	49
MINING	35	41	48	54	60	68
LIVESTOCK	24	24	24	24	24	24
GUADALUPE BASIN TOTAL DEMAND	137	155	174	188	201	218
TRAVIS COUNTY TOTAL DEMAND	290,697	346,067	398,642	436,992	470,440	509,035
WHARTON COUNTY						
BRAZOS-COLORADO BASIN						
EAST BERNARD	380	395	406	418	432	445
WHARTON	1,103	1,140	1,169	1,205	1,246	1,283
COUNTY-OTHER	1,209	1,234	1,255	1,301	1,345	1,384
MANUFACTURING	503	537	572	601	648	699
MINING	39	41	30	23	14	9
STEAM ELECTRIC POWER	351	413	488	580	691	797
LIVESTOCK	371	371	371	371	371	371
IRRIGATION	114,604	111,520	108,521	105,602	102,761	99,997
BRAZOS-COLORADO BASIN TOTAL DEMAND	118,560	115,651	112,812	110,101	107,508	104,985
COLORADO BASIN						
EL CAMPO	6	6	6	6	6	6
WHARTON	568	588	603	622	642	661
COUNTY-OTHER	580	592	603	625	645	665
MINING	26	27	20	15	10	6
STEAM ELECTRIC POWER	2,400	2,400	2,400	2,400	2,400	2,400
LIVESTOCK	277	277	277	277	277	277
IRRIGATION	61,546	59,891	58,280	56,712	55,186	53,702
COLORADO BASIN TOTAL DEMAND	65,403	63,781	62,189	60,657	59,166	57,717
COLORADO-LAVACA BASIN						
COUNTY-OTHER	186	190	194	201	207	213
MINING	6	6	5	3	2	2
LIVESTOCK	80	80	80	80	80	80
IRRIGATION	36,079	35,109	34,164	33,245	32,351	31,480
COLORADO-LAVACA BASIN TOTAL DEMAND	36,351	35,385	34,443	33,529	32,640	31,775
LAVACA BASIN						
COUNTY-OTHER	18	18	19	20	20	21
LAVACA BASIN TOTAL DEMAND	18	18	19	20	20	21
WHARTON COUNTY TOTAL DEMAND	220,332	214,835	209,463	204,307	199,334	194,498
WILLIAMSON COUNTY						
BRAZOS BASIN						
AUSTIN	7,697	9,541	11,841	14,317	17,126	20,208

Water User Group (WUG) Demand

REGION K	WUG DEMAND (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
WILLIAMSON COUNTY						
BRAZOS BASIN						
NORTH AUSTIN MUD #1	774	748	726	714	711	711
WELLS BRANCH MUD	118	115	113	112	112	112
COUNTY-OTHER	2,586	3,504	3,467	3,451	3,444	3,441
MINING	5	3	3	3	3	3
LIVESTOCK	1	1	1	1	1	1
BRAZOS BASIN TOTAL DEMAND	11,181	13,912	16,151	18,598	21,397	24,476
WILLIAMSON COUNTY TOTAL DEMAND	11,181	13,912	16,151	18,598	21,397	24,476
REGION K TOTAL DEMAND	1,183,325	1,245,335	1,301,963	1,352,231	1,401,321	1,461,807

Appendix 2A: WWP Demands by Category of Use, County and Basin (from DB17 Output)

SellerEntity	SellerEntityRegion	BuyerEntity	BuyerEntityPrimaryRegion	BuyerEntitySplitRegion	BuyerEntitySplitCounty	BuyerEntitySplitBasin	PWS2020	PWS2020	PWS2020	PWS2020	PWS2020	PWS2020
AUSTIN	K	COUNTY-OTHER, TRAVIS	K	K	TRAVIS	COLORADO	4520	4108	3740	3138	2298	1555
AUSTIN	K	COUNTY-OTHER, WILLIAMSON	G	K	WILLIAMSON	BRAZOS	2586	3504	3467	3451	3444	3441
AUSTIN	K	CREEDMOOR-MAHA WSC	K	K	TRAVIS	COLORADO	241	241	241	241	241	241
AUSTIN	K	LOST CREEK MUD	K	K	TRAVIS	COLORADO	1092	1072	1057	1056	1054	1054
AUSTIN	K	MANOR	K	K	TRAVIS	COLORADO	1141	0	0	0	0	0
AUSTIN	K	MANUFACTURING, TRAVIS	K	K	TRAVIS	COLORADO	35430	48350	63498	72631	81421	91270
AUSTIN	K	MANVILLE WSC	K	K	TRAVIS	COLORADO	2240	0	0	0	0	0
AUSTIN	K	NORTH AUSTIN MUD #1	K	K	TRAVIS	COLORADO	82	79	77	75	75	75
AUSTIN	K	NORTH AUSTIN MUD #1	K	K	WILLIAMSON	BRAZOS	774	748	726	714	711	711
AUSTIN	K	NORTHTOWN MUD	K	K	TRAVIS	COLORADO	691	798	898	1011	1111	1203
AUSTIN	K	ROLLINGWOOD	K	K	TRAVIS	COLORADO	384	0	0	0	0	0
AUSTIN	K	SHADY HOLLOW MUD	K	K	TRAVIS	COLORADO	779	758	741	731	730	730
AUSTIN	K	SUNSET VALLEY	K	K	TRAVIS	COLORADO	386	499	606	727	834	934
AUSTIN	K	TRAVIS COUNTY WCID #10	K	K	TRAVIS	COLORADO	2128	0	0	0	0	0
AUSTIN	K	WELLS BRANCH MUD	K	K	TRAVIS	COLORADO	1638	1602	1577	1563	1559	1558
AUSTIN	K	WELLS BRANCH MUD	K	K	WILLIAMSON	BRAZOS	118	115	113	112	112	112
LOWER COLORADO RIVER AUTHORITY	K	AUSTIN	K	K	TRAVIS	COLORADO	123626	123626	123626	123626	123613	123046
LOWER COLORADO RIVER AUTHORITY	K	BRIARCLIFF	K	K	TRAVIS	COLORADO	400	400	400	400	400	400
LOWER COLORADO RIVER AUTHORITY	K	BURNET	K	K	BURNET	COLORADO	3226	3226	3226	3226	3226	3226
LOWER COLORADO RIVER AUTHORITY	K	CEDAR PARK	G	G	WILLIAMSON	BRAZOS	12678	12409	12100	11995	11896	11785
LOWER COLORADO RIVER AUTHORITY	K	CEDAR PARK	G	K	TRAVIS	COLORADO	2432	2579	2767	2763	2761	2760
LOWER COLORADO RIVER AUTHORITY	K	COTTONWOOD SHORES	K	K	BURNET	COLORADO	495	495	495	495	495	495
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, BASTROP	K	K	BASTROP	COLORADO	744	744	744	744	744	744
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, BURNET	K	K	BURNET	COLORADO	2205	2205	2205	2205	2205	2205
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, FAYETTE	K	K	FAYETTE	COLORADO	102	102	102	102	102	102
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, GILLESPIE	K	K	GILLESPIE	COLORADO	56	56	56	56	56	56
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, HAYS	K	K	HAYS	COLORADO	1401	1401	1401	1401	1401	1401
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, LLANO	K	K	LLANO	COLORADO	3586	3586	3586	3586	3586	3586
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, SAN SABA	K	K	SAN SABA	COLORADO	20	20	20	20	20	20
LOWER COLORADO RIVER AUTHORITY	K	COUNTY-OTHER, TRAVIS	K	K	TRAVIS	COLORADO	14302	14302	14302	14302	14302	14302
LOWER COLORADO RIVER AUTHORITY	K	DRIPPING SPRINGS	K	K	HAYS	COLORADO	506	506	506	506	506	506
LOWER COLORADO RIVER AUTHORITY	K	DRIPPING SPRINGS WSC	K	K	HAYS	COLORADO	133	280	461	691	953	1126
LOWER COLORADO RIVER AUTHORITY	K	GRANITE SHOALS	K	K	BURNET	COLORADO	830	830	830	830	830	830
LOWER COLORADO RIVER AUTHORITY	K	HORSESHOE BAY	K	K	BURNET	COLORADO	700	700	700	700	700	700
LOWER COLORADO RIVER AUTHORITY	K	HORSESHOE BAY	K	K	LLANO	COLORADO	1525	1525	1525	1525	1525	1525
LOWER COLORADO RIVER AUTHORITY	K	IRRIGATION, BASTROP	K	K	BASTROP	COLORADO	852	742	649	565	492	443
LOWER COLORADO RIVER AUTHORITY	K	IRRIGATION, BURNET	K	K	BURNET	COLORADO	416	416	416	416	416	416
LOWER COLORADO RIVER AUTHORITY	K	IRRIGATION, LLANO	K	K	LLANO	COLORADO	1514	1514	1514	1514	1514	1514
LOWER COLORADO RIVER AUTHORITY	K	IRRIGATION, MASON	F	F	MASON	COLORADO	59	59	59	59	59	59
LOWER COLORADO RIVER AUTHORITY	K	IRRIGATION, TRAVIS	K	K	TRAVIS	COLORADO	2596	2596	2596	2596	2596	2596
LOWER COLORADO RIVER AUTHORITY	K	KINGSLAND WSC	K	K	BURNET	COLORADO	56	58	67	77	78	80
LOWER COLORADO RIVER AUTHORITY	K	KINGSLAND WSC	K	K	LLANO	COLORADO	1094	1092	1083	1073	1072	1070
LOWER COLORADO RIVER AUTHORITY	K	LAGO VISTA	K	K	TRAVIS	COLORADO	3451	3451	3451	3451	3451	3451
LOWER COLORADO RIVER AUTHORITY	K	LAKEWAY	K	K	TRAVIS	COLORADO	3069	3069	3069	3069	3069	3069
LOWER COLORADO RIVER AUTHORITY	K	LEANDER	G	G	WILLIAMSON	BRAZOS	5198	4716	4662	5131	5321	5459
LOWER COLORADO RIVER AUTHORITY	K	LEANDER	G	K	TRAVIS	COLORADO	1202	1684	1738	1269	1079	941
LOWER COLORADO RIVER AUTHORITY	K	LOMETA	G	G	LAMPASAS	BRAZOS	56	61	64	69	73	76
LOWER COLORADO RIVER AUTHORITY	K	LOMETA	G	G	LAMPASAS	COLORADO	110	119	126	134	142	150
LOWER COLORADO RIVER AUTHORITY	K	LOOP 360 WSC	K	K	TRAVIS	COLORADO	1250	1250	1250	1250	1250	1250
LOWER COLORADO RIVER AUTHORITY	K	MANUFACTURING, BURNET	K	K	BURNET	COLORADO	500	500	500	500	500	500
LOWER COLORADO RIVER AUTHORITY	K	MANUFACTURING, MATAGORDA	K	K	MATAGORDA	COLORADO	14222	14222	14222	14222	14222	14222
LOWER COLORADO RIVER AUTHORITY	K	MANUFACTURING, TRAVIS	K	K	TRAVIS	COLORADO	282	282	282	282	282	282
LOWER COLORADO RIVER AUTHORITY	K	MARBLE FALLS	K	K	BURNET	COLORADO	3000	3000	3000	3000	3000	3000
LOWER COLORADO RIVER AUTHORITY	K	MEADOWLAKES	K	K	BURNET	COLORADO	75	75	75	75	75	75
LOWER COLORADO RIVER AUTHORITY	K	MINING, MASON	F	F	MASON	COLORADO	2	2	2	2	2	2
LOWER COLORADO RIVER AUTHORITY	K	PFLUGERVILLE	K	G	WILLIAMSON	BRAZOS	133	133	133	134	163	193
LOWER COLORADO RIVER AUTHORITY	K	PFLUGERVILLE	K	K	TRAVIS	COLORADO	9400	9400	9400	9399	9370	9340
LOWER COLORADO RIVER AUTHORITY	K	POINT VENTURE	K	K	TRAVIS	COLORADO	360	360	360	360	360	360
LOWER COLORADO RIVER AUTHORITY	K	STEAM ELECTRIC POWER, BASTROP	K	K	BASTROP	COLORADO	12220	11834	11026	10571	10571	10571

Appendix 2A: WWP Demands by Category of Use, County and Basin (from DB17 Output)

SellerEntity	SellerEntityRegion	BuyerEntity	BuyerEntityPrimaryRegion	BuyerEntitySplitRegion	BuyerEntitySplitCounty	BuyerEntitySplitBasin	PWS2020	PWS2020	PWS2020	PWS2020	PWS2020	PWS2020
LOWER COLORADO RIVER AUTHORITY	K	STEAM ELECTRIC POWER, FAYETTE	K	K	FAYETTE	COLORADO	45117	45117	45117	45117	45117	45117
LOWER COLORADO RIVER AUTHORITY	K	STEAM ELECTRIC POWER, LLANO	K	K	LLANO	COLORADO	2500	2500	2500	2500	2500	2500
LOWER COLORADO RIVER AUTHORITY	K	STEAM ELECTRIC POWER, MATAGORDA	K	K	MATAGORDA	COLORADO	32240	32226	32202	32172	32142	32120
LOWER COLORADO RIVER AUTHORITY	K	STEAM ELECTRIC POWER, TRAVIS	K	K	TRAVIS	COLORADO	16156	16156	16156	11987	5487	0
LOWER COLORADO RIVER AUTHORITY	K	SUNRISE BEACH VILLAGE	K	K	LLANO	COLORADO	200	200	200	200	200	200
LOWER COLORADO RIVER AUTHORITY	K	THE HILLS	K	K	TRAVIS	COLORADO	1533	1533	1533	1533	1533	1533
LOWER COLORADO RIVER AUTHORITY	K	TRAVIS COUNTY MUD #4	K	K	TRAVIS	COLORADO	3818	3820	3822	3823	3823	3823
LOWER COLORADO RIVER AUTHORITY	K	TRAVIS COUNTY WCID #17	K	K	TRAVIS	COLORADO	8027	8027	8027	8027	8027	8027
LOWER COLORADO RIVER AUTHORITY	K	TRAVIS COUNTY WCID #18	K	K	TRAVIS	COLORADO	1736	1736	1736	1736	1736	1736
LOWER COLORADO RIVER AUTHORITY	K	TRAVIS COUNTY WCID #20	K	K	TRAVIS	COLORADO	1135	1135	1135	1135	1135	1135
LOWER COLORADO RIVER AUTHORITY	K	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	K	K	HAYS	COLORADO	4521	4521	4521	4521	4521	4521
LOWER COLORADO RIVER AUTHORITY	K	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	K	K	TRAVIS	COLORADO	2615	2615	2615	2615	2615	2615

APPENDIX 2B

*LOWER COLORADO REGIONAL WATER PLANNING AREA
GALLONS PER CAPITA DAILY (GPCD)*

*REGION K MUNICIPAL WATER DEMAND SAVINGS DUE TO
PLUMBING CODES AND WATER-EFFICIENT APPLIANCES*

Region K Gallons per Capita per Day (GPCD) Projections

CityID	RG	COUNTY	WATER USER GROUP	BASIN	GPCD Projections					
					g2020	g2030	g2040	g2050	g2060	g2070
4006	K	BASTROP	AQUA WSC	BRAZOS	146	143	141	140	140	140
4006	K	BASTROP	AQUA WSC	COLORADO	147	143	141	140	140	140
4006	K	BASTROP	AQUA WSC	GUADALUPE	149	145	142	141	141	140
40	K	BASTROP	BASTROP	COLORADO	181	177	175	174	174	174
4011	K	BASTROP	BASTROP COUNTY WCID #2	COLORADO	86	83	82	81	81	81
757	K	BASTROP	COUNTY-OTHER	BRAZOS	167	164	161	161	158	157
757	K	BASTROP	COUNTY-OTHER	COLORADO	162	160	159	158	158	158
757	K	BASTROP	COUNTY-OTHER	GUADALUPE	166	165	160	162	160	161
4076	K	BASTROP	CREEDMOOR-MAHA WSC	COLORADO	103	95	94	92	91	90
188	K	BASTROP	ELGIN	COLORADO	125	122	120	119	119	119
4231	K	BASTROP	LEE COUNTY WSC	BRAZOS	115	111	109	108	107	107
4231	K	BASTROP	LEE COUNTY WSC	COLORADO	113	110	108	107	107	106
4306	K	BASTROP	POLONIA WSC	COLORADO	112	109	106	105	104	105
564	K	BASTROP	SMITHVILLE	COLORADO	153	148	146	145	145	145
60	K	BLANCO	BLANCO	GUADALUPE	151	147	145	144	144	144
4044	K	BLANCO	CANYON LAKE WATER SERVICE COMPANY	GUADALUPE	112	110	110	109	109	109
757	K	BLANCO	COUNTY-OTHER	COLORADO	111	107	105	104	104	104
757	K	BLANCO	COUNTY-OTHER	GUADALUPE	110	107	105	104	104	104
307	K	BLANCO	JOHNSON CITY	COLORADO	154	150	149	148	147	147
826	K	BURNET	BERTRAM	BRAZOS	218	214	212	211	211	211
88	K	BURNET	BURNET	BRAZOS	238	223	218	233	228	227
88	K	BURNET	BURNET	COLORADO	222	218	216	216	215	215
4054	K	BURNET	CHISHOLM TRAIL SUD	BRAZOS	168	164	164	163	163	162
850	K	BURNET	COTTONWOOD SHORES	COLORADO	145	142	140	139	139	139
757	K	BURNET	COUNTY-OTHER	BRAZOS	137	134	132	131	131	131
757	K	BURNET	COUNTY-OTHER	COLORADO	137	134	132	131	131	131
775	K	BURNET	GRANITE SHOALS	COLORADO	96	93	92	91	91	91
1098	K	BURNET	HORSESHOE BAY	COLORADO	559	556	554	553	553	553
4219	K	BURNET	KEMPNER WSC	BRAZOS	157	154	152	150	150	150
4221	K	BURNET	KINGSLAND WSC	COLORADO	98	95	95	93	94	93
385	K	BURNET	MARBLE FALLS	COLORADO	239	235	233	233	233	233
913	K	BURNET	MEADOWLAKES	COLORADO	343	341	340	340	339	339
127	K	COLORADO	COLUMBUS	COLORADO	264	260	257	255	255	255
757	K	COLORADO	COUNTY-OTHER	BRAZOS-COLORADO	110	106	104	101	101	101
757	K	COLORADO	COUNTY-OTHER	COLORADO	110	106	103	101	101	101
757	K	COLORADO	COUNTY-OTHER	LAVACA	110	106	103	102	101	101
172	K	COLORADO	EAGLE LAKE	BRAZOS-COLORADO	123	118	115	113	113	113
172	K	COLORADO	EAGLE LAKE	COLORADO	122	118	115	113	113	113
636	K	COLORADO	WEIMAR	COLORADO	221	216	213	212	211	211
636	K	COLORADO	WEIMAR	LAVACA	220	216	212	211	211	210
4006	K	FAYETTE	AQUA WSC	COLORADO	149	165	149	144	162	158
757	K	FAYETTE	COUNTY-OTHER	COLORADO	102	98	95	94	93	93
757	K	FAYETTE	COUNTY-OTHER	GUADALUPE	101	96	93	93	93	94
757	K	FAYETTE	COUNTY-OTHER	LAVACA	102	98	95	94	94	94
4110	K	FAYETTE	FAYETTE WSC	COLORADO	110	107	105	104	104	104
4110	K	FAYETTE	FAYETTE WSC	GUADALUPE	112	108	105	105	104	105
4110	K	FAYETTE	FAYETTE WSC	LAVACA	112	107	106	105	105	104
202	K	FAYETTE	FLATONIA	GUADALUPE	189	184	181	180	178	178
202	K	FAYETTE	FLATONIA	LAVACA	186	182	179	177	178	178
334	K	FAYETTE	LA GRANGE	COLORADO	144	140	137	136	136	136
4231	K	FAYETTE	LEE COUNTY WSC	COLORADO	114	110	108	108	107	107
544	K	FAYETTE	SCHULENBURG	LAVACA	199	195	192	191	191	190
757	K	GILLESPIE	COUNTY-OTHER	COLORADO	105	101	99	98	97	97
757	K	GILLESPIE	COUNTY-OTHER	GUADALUPE	105	101	98	97	97	97
216	K	GILLESPIE	FREDERICKSBURG	COLORADO	248	245	242	241	240	240
30	K	HAYS	AUSTIN	COLORADO	163	149	149	149	149	149
761	K	HAYS	BUDA	COLORADO	161	158	158	157	157	157
4057	K	HAYS	CIMARRON PARK WATER COMPANY	COLORADO	103	100	97	96	95	95
757	K	HAYS	COUNTY-OTHER	COLORADO	110	107	105	104	104	104
769	K	HAYS	DRIPPING SPRINGS	COLORADO	211	207	205	204	204	204
4092	K	HAYS	DRIPPING SPRINGS WSC	COLORADO	157	154	153	152	152	152
4140	K	HAYS	GOFORTH SUD	COLORADO	96	93	92	91	91	91
1043	K	HAYS	MOUNTAIN CITY	COLORADO	104	102	98	98	98	98
4304	K	HAYS	PLUM CREEK WATER COMPANY	COLORADO	60	60	60	60	60	60
4390	K	HAYS	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	COLORADO	384	382	381	381	381	381
757	K	LLANO	COUNTY-OTHER	COLORADO	95	94	93	93	93	93
1098	K	LLANO	HORSESHOE BAY	COLORADO	560	556	554	553	553	553

Region K Gallons per Capita per Day (GPCD) Projections

CityID	RG	COUNTY	WATER USER GROUP	BASIN	GPCD Projections					
					g2020	g2030	g2040	g2050	g2060	g2070
4221	K	LLANO	KINGSLAND WSC	COLORADO	97	95	94	93	93	93
363	K	LLANO	LLANO	COLORADO	216	212	209	207	207	207
1064	K	LLANO	SUNRISE BEACH VILLAGE	COLORADO	92	89	86	84	84	84
41	K	MATAGORDA	BAY CITY	BRAZOS-COLORADO	135	131	127	126	126	126
41	K	MATAGORDA	BAY CITY	COLORADO	141	134	131	128	145	145
757	K	MATAGORDA	COUNTY-OTHER	BRAZOS-COLORADO	93	89	86	84	84	84
757	K	MATAGORDA	COUNTY-OTHER	COLORADO	93	89	86	84	84	84
757	K	MATAGORDA	COUNTY-OTHER	COLORADO-LAVACA	93	89	86	84	84	84
449	K	MATAGORDA	PALACIOS	COLORADO-LAVACA	120	116	113	112	111	111
4037	K	MILLS	BROOKESMITH SUD	COLORADO	152	146	143	137	132	128
757	K	MILLS	COUNTY-OTHER	BRAZOS	115	111	107	106	105	105
757	K	MILLS	COUNTY-OTHER	COLORADO	115	110	106	105	105	105
239	K	MILLS	GOLDTHWAITE	BRAZOS	182	179	172	165	175	169
239	K	MILLS	GOLDTHWAITE	COLORADO	172	168	165	163	162	163
757	K	SAN SABA	COUNTY-OTHER	COLORADO	139	134	131	131	131	131
4318	K	SAN SABA	RICHLAND SUD	COLORADO	127	124	121	121	120	120
538	K	SAN SABA	SAN SABA	COLORADO	310	306	304	302	302	302
4006	K	TRAVIS	AQUA WSC	COLORADO	147	143	141	140	140	140
30	K	TRAVIS	AUSTIN	COLORADO	151	149	149	149	149	149
4009	K	TRAVIS	BARTON CREEK WEST WSC	COLORADO	265	262	260	259	259	259
1013	K	TRAVIS	BEE CAVE	COLORADO	335	333	333	332	332	332
1014	K	TRAVIS	BRIARCLIFF	COLORADO	134	131	130	129	129	129
686	K	TRAVIS	CEDAR PARK	COLORADO	227	226	225	225	225	225
757	K	TRAVIS	COUNTY-OTHER	COLORADO	125	124	124	123	122	122
757	K	TRAVIS	COUNTY-OTHER	GUADALUPE	128	126	126	126	123	124
4076	K	TRAVIS	CREEDMOOR-MAHA WSC	COLORADO	99	95	92	91	90	90
4076	K	TRAVIS	CREEDMOOR-MAHA WSC	GUADALUPE	100	97	94	92	93	92
188	K	TRAVIS	ELGIN	COLORADO	125	122	120	119	119	119
4140	K	TRAVIS	GOFORTH SUD	GUADALUPE	104	100	98	95	94	93
783	K	TRAVIS	JONESTOWN	COLORADO	183	180	177	176	176	176
787	K	TRAVIS	LAGO VISTA	COLORADO	220	218	216	216	215	215
789	K	TRAVIS	LAKEWAY	COLORADO	328	325	325	324	324	324
713	K	TRAVIS	LEANDER	COLORADO	107	105	104	104	104	104
4236	K	TRAVIS	LOOP 360 WSC	COLORADO	525	522	520	519	519	519
4237	K	TRAVIS	LOST CREEK MUD	COLORADO	223	219	216	216	215	215
720	K	TRAVIS	MANOR	COLORADO	115	113	112	112	112	112
4245	K	TRAVIS	MANVILLE WSC	COLORADO	139	136	135	134	134	134
1044	K	TRAVIS	MUSTANG RIDGE	COLORADO	120	116	114	111	112	110
1044	K	TRAVIS	MUSTANG RIDGE	GUADALUPE	123	119	113	115	116	118
4274	K	TRAVIS	NORTH AUSTIN MUD #1	COLORADO	94	90	88	86	86	86
4466	K	TRAVIS	NORTHTOWN MUD	COLORADO	60	60	60	60	60	60
796	K	TRAVIS	PFLUGERVILLE	COLORADO	148	146	146	145	145	145
1105	K	TRAVIS	POINT VENTURE	COLORADO	262	260	258	258	257	258
741	K	TRAVIS	ROLLINGWOOD	COLORADO	241	237	234	232	231	231
520	K	TRAVIS	ROUND ROCK	COLORADO	143	141	140	139	139	139
4331	K	TRAVIS	SHADY HOLLOW MUD	COLORADO	142	138	135	133	133	133
1110	K	TRAVIS	SUNSET VALLEY	COLORADO	304	301	300	299	299	298
1067	K	TRAVIS	THE HILLS	COLORADO	431	430	429	428	428	428
4480	K	TRAVIS	TRAVIS COUNTY MUD #4	COLORADO	749	747	747	746	746	746
4481	K	TRAVIS	TRAVIS COUNTY WCID #10	COLORADO	309	306	304	302	302	302
4356	K	TRAVIS	TRAVIS COUNTY WCID #17	COLORADO	228	226	225	225	224	224
4357	K	TRAVIS	TRAVIS COUNTY WCID #18	COLORADO	151	147	145	144	144	144
4358	K	TRAVIS	TRAVIS COUNTY WCID #19	COLORADO	621	618	616	615	615	615
4359	K	TRAVIS	TRAVIS COUNTY WCID #20	COLORADO	462	460	457	457	456	456
1112	K	TRAVIS	VOLENTE	COLORADO	100	97	95	94	94	94
4378	K	TRAVIS	WELLS BRANCH MUD	COLORADO	98	95	94	93	93	93
641	K	TRAVIS	WEST LAKE HILLS	COLORADO	377	374	371	370	370	370
4390	K	TRAVIS	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	COLORADO	384	382	381	381	381	381
4397	K	TRAVIS	WILLIAMSON-TRAVIS COUNTY MUD #1	COLORADO	116	113	112	112	111	111
757	K	WHARTON	COUNTY-OTHER	BRAZOS-COLORADO	116	111	108	107	107	107
757	K	WHARTON	COUNTY-OTHER	COLORADO	116	111	108	108	107	107
757	K	WHARTON	COUNTY-OTHER	COLORADO-LAVACA	116	111	108	108	107	107
757	K	WHARTON	COUNTY-OTHER	LAVACA	115	108	108	110	106	108
1080	K	WHARTON	EAST BERNARD	BRAZOS-COLORADO	141	137	135	133	133	133
184	K	WHARTON	EL CAMPO	COLORADO	198	185	179	173	167	162
645	K	WHARTON	WHARTON	BRAZOS-COLORADO	159	155	151	150	150	150
645	K	WHARTON	WHARTON	COLORADO	159	155	151	150	150	150

Region K Gallons per Capita per Day (GPCD) Projections

CityID	RG	COUNTY	WATER USER GROUP	BASIN	GPCD Projections					
					g2020	g2030	g2040	g2050	g2060	g2070
30	K	WILLIAMSON	AUSTIN	BRAZOS	151	149	149	149	149	149
757	K	WILLIAMSON	COUNTY-OTHER	BRAZOS	139	135	134	133	133	133
4274	K	WILLIAMSON	NORTH AUSTIN MUD #1	BRAZOS	93	90	87	86	85	85
4378	K	WILLIAMSON	WELLS BRANCH MUD	BRAZOS	98	96	94	93	93	93

THIS PAGE LEFT BLANK INTENTIONALLY

Savings for Municipal WUGs for Region K by County - in AC-FT (for 2016 RWP)

Region	County	EntityName	2020	2030	2040	2050	2060	2070
K	BASTROP	AQUA WSC	591.69	1076.01	1619.38	2262.2	3051.57	4083.14
K	BASTROP	BASTROP	108.24	203.05	310.26	438.35	597.6	806.72
K	BASTROP	BASTROP COUNTY WCID #2	38.03	74.33	116.14	169.23	238.04	328.49
K	BASTROP	COUNTY-OTHER, BASTROP	87.13	137.3	189.15	250.99	328.04	426.35
K	BASTROP	CREEDMOOR-MAHA WSC	2.56	4.52	6.78	9.36	12.35	16.24
K	BASTROP	ELGIN	100.47	179.3	265.57	367.92	494.56	659.79
K	BASTROP	LEE COUNTY WSC	7.9	14.33	21.9	31.02	41.97	56.03
K	BASTROP	POLONIA WSC	2.45	4.31	6.37	8.76	11.65	15.39
K	BASTROP	SMITHVILLE	61.53	113.7	172.45	240.58	323.5	432.14
K	BLANCO	BLANCO	24.13	39.48	49.81	55.41	57.69	58.78
K	BLANCO	CANYON LAKE WATER SERVICE COMPANY	8.19	12.36	14.53	15.7	16.4	16.79
K	BLANCO	COUNTY-OTHER, BLANCO	82.85	135.13	169.72	188.66	196.72	200.27
K	BLANCO	JOHNSON CITY	21.43	34.94	43.9	48.79	50.87	51.83
K	BURNET	BERTRAM	17.89	29.66	39.09	46.65	51.85	56.01
K	BURNET	BURNET	77.07	127.33	167.57	199.83	222.21	240.1
K	BURNET	CHISHOLM TRAIL SUD	3.37	5.17	6.52	7.63	8.51	9.22
K	BURNET	COTTONWOOD SHORES	13.99	22.97	30.08	35.82	39.87	43.08
K	BURNET	COUNTY-OTHER, BURNET	229.48	339.86	391.91	454.21	507.27	561.24
K	BURNET	GRANITE SHOALS	51.38	83.75	108.61	129.1	144.13	155.91
K	BURNET	HORSESHOE BAY	12.75	24.39	35	44.43	51.46	57.19
K	BURNET	KEMPNER WSC	7.05	11.67	15.59	18.8	21.01	22.71
K	BURNET	KINGSLAND WSC	4.05	6.37	8.09	9.6	10.76	11.66
K	BURNET	MARBLE FALLS	105.18	212.09	344.99	415.13	457.15	477.69
K	BURNET	MEADOWLAKES	18.74	29.65	37.83	44.76	50	54.11
K	COLORADO	COLUMBUS	41.72	62.94	80.36	91.86	96.7	100.1
K	COLORADO	COUNTY-OTHER, COLORADO	122.52	182.03	229.85	263.79	278.09	287.99
K	COLORADO	EAGLE LAKE	41.34	62.18	79.28	91.22	96.02	99.41
K	COLORADO	WEIMAR	23.63	35.46	45.1	51.89	54.62	56.58
K	FAYETTE	AQUA WSC	0.25	0.39	0.5	0.55	0.59	0.61
K	FAYETTE	COUNTY-OTHER, FAYETTE	121.41	197.36	254.59	292.24	310.22	321.85
K	FAYETTE	FAYETTE WSC	58.92	92.42	116.39	132.74	141.49	146.79
K	FAYETTE	FLATONIA	18.82	30.5	39.33	45.13	47.89	49.67
K	FAYETTE	LA GRANGE	60.66	97.62	125.31	143.67	152.54	158.27
K	FAYETTE	LEE COUNTY WSC	11.37	17.9	22.6	25.78	27.49	28.57
K	FAYETTE	SCHULENBURG	37.31	60.2	77.32	88.63	94.14	97.68
K	GILLESPIE	COUNTY-OTHER, GILLESPIE	154.29	235.41	300.9	349.85	376.78	398.42
K	GILLESPIE	FREDERICKSBURG	112.33	170.47	217.28	251.91	270.53	284.85
K	HAYS	AUSTIN	0.48	6.81	13.34	33.84	81.55	147.57
K	HAYS	BUDA	81.93	151.81	225.86	313.81	409.37	516.11
K	HAYS	CIMARRON PARK WATER COMPANY	21.36	29.67	36.37	40.1	40.84	40.87
K	HAYS	COUNTY-OTHER, HAYS	231.41	381.79	576.83	751.21	890.61	1018.8
K	HAYS	DRIPPING SPRINGS	19.52	30.49	41.02	51.17	60.37	70.17
K	HAYS	DRIPPING SPRINGS WSC	28.41	48.79	69.82	93.3	117.83	144.93
K	HAYS	GOFORTH SUD	7.98	16.76	27.18	39.53	52.69	67.47
K	HAYS	MOUNTAIN CITY	4.58	6.33	7.52	8.15	8.33	8.38
K	HAYS	PLUM CREEK WATER COMPANY	29.58	48.33	51.85	54.83	57.18	59.03
K	HAYS	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	73.96	132.42	194.72	269.79	352.11	443.51
K	LLANO	COUNTY-OTHER, LLANO	53.74	54.78	57.35	61.91	60.79	57.2
K	LLANO	HORSESHOE BAY	31.64	45.21	51.99	54.55	57.33	59.56
K	LLANO	KINGSLAND WSC	80.16	120.09	132.7	134.12	149.39	163.35
K	LLANO	LLANO	40.53	60.3	72.96	78.43	82.45	85.46
K	LLANO	SUNRISE BEACH VILLAGE	6.87	9.69	11.9	13.08	13.38	13.44
K	MATAGORDA	BAY CITY	210.56	319.6	406.69	442	456.49	462.32
K	MATAGORDA	COUNTY-OTHER, MATAGORDA	169.01	255.63	324.11	364.38	376.08	381.09
K	MATAGORDA	PALACIOS	54.43	81.69	103.18	115.75	119.55	121.13
K	MILLS	BROOKSMITH SUD	0.47	0.69	0.85	0.98	1.03	1.07
K	MILLS	COUNTY-OTHER, MILLS	31.68	48.61	63.02	69.3	73.31	76.52
K	MILLS	GOLDTHWAITE	18.72	28.33	36.35	41.69	44.12	46.09
K	SAN SABA	COUNTY-OTHER, SAN SABA	23.22	35.54	42.99	42.99	44.74	45.9
K	SAN SABA	RICHLAND SUD	10.68	15.69	18.95	20.38	21.3	21.84
K	SAN SABA	SAN SABA	33.04	49.26	60.26	65.03	67.85	69.53

Savings for Municipal WUGs for Region K by County - in AC-FT (for 2016 RWP)

Region	County	EntityName	2020	2030	2040	2050	2060	2070
K	TRAVIS	AQUA WSC	69.79	111.44	144.06	171.38	191.14	208.48
K	TRAVIS	AUSTIN	6,256.06	9,821.90	11,273.67	12,342.90	13,239.70	14,303.93
K	TRAVIS	BARTON CREEK WEST WSC	12.43	16.62	19.77	21.61	22.13	22.13
K	TRAVIS	BEE CAVE	28.83	42.06	51.31	60.86	69.07	75.48
K	TRAVIS	BRIARCLIFF	14.72	22.46	28.66	34.31	38.47	41.95
K	TRAVIS	CEDAR PARK	83.02	103.74	118.33	122.13	124.1	125.08
K	TRAVIS	COUNTY-OTHER, TRAVIS	728.52	727.28	689.56	606.14	476.3	331.89
K	TRAVIS	CREEDMOOR-MAHA WSC	65.65	106.29	141.24	170.35	189.53	206.17
K	TRAVIS	ELGIN	19.43	38.2	55.83	73.43	87.64	100.47
K	TRAVIS	GOFORTH SUD	0.78	1.2	1.51	1.79	1.99	2.16
K	TRAVIS	JONESTOWN	19.83	29.59	37.71	43.69	46.87	49.25
K	TRAVIS	LAGO VISTA	68.01	105.33	135.62	164.11	185.66	203.88
K	TRAVIS	LAKEWAY	195.59	323.16	344.44	357.05	361.25	362.93
K	TRAVIS	LEANDER	78.67	263.08	483.19	533.93	557.91	585.61
K	TRAVIS	LOOP 360 WSC	17.05	23.58	28.57	32.23	34.21	35.46
K	TRAVIS	LOST CREEK MUD	53.98	73.85	88.68	90.05	91.37	91.52
K	TRAVIS	MANOR	73.54	128.44	173.75	221.76	262.41	299.4
K	TRAVIS	MANVILLE WSC	192	307.88	405.15	497.9	569.97	633.53
K	TRAVIS	MUSTANG RIDGE	4.88	7.17	8.84	9.95	10.52	10.93
K	TRAVIS	NORTH AUSTIN MUD #1	7.14	9.94	12.18	13.44	13.73	13.73
K	TRAVIS	NORTHTOWN MUD	0	0	0	0	0	0
K	TRAVIS	PFLUGERVILLE	603.32	1022.13	1362.12	1723.05	2032.2	2309.57
K	TRAVIS	POINT VENTURE	11.06	18.45	24.64	30.83	35.79	40.25
K	TRAVIS	ROLLINGWOOD	14.69	21.43	27.12	30.33	31	31.16
K	TRAVIS	ROUND ROCK	16.55	24.46	30.56	36	40.17	43.79
K	TRAVIS	SHADY HOLLOW MUD	48.25	69.17	86.58	96.17	97.92	97.92
K	TRAVIS	SUNSET VALLEY	11.27	19.13	25.79	32.42	37.74	42.5
K	TRAVIS	THE HILLS	23.09	28.29	31.25	33.17	34.07	34.18
K	TRAVIS	TRAVIS COUNTY MUD #4	22.46	31.29	37.42	44	49.79	54.38
K	TRAVIS	TRAVIS COUNTY WCID #10	65.67	104.88	138.35	166.99	186.31	202.68
K	TRAVIS	TRAVIS COUNTY WCID #17	304.19	453.17	540.11	570.4	594.46	616.55
K	TRAVIS	TRAVIS COUNTY WCID #18	70.24	110.55	144.58	174.11	194.36	211.48
K	TRAVIS	TRAVIS COUNTY WCID #19	6.05	8.35	10.12	11.14	11.4	11.4
K	TRAVIS	TRAVIS COUNTY WCID #20	9.46	12.76	15.22	16.66	17.07	17.07
K	TRAVIS	VOLENTE	7.44	12.21	16.33	20.06	22.78	25.15
K	TRAVIS	WELLS BRANCH MUD	159	195.43	220.11	234.22	238.08	238.92
K	TRAVIS	WEST LAKE HILLS	43.84	57.76	68.86	74.95	76.07	76.2
K	TRAVIS	WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY	42.76	62.54	76.37	89.66	100.48	109.81
K	TRAVIS	WILLIAMSON-TRAVIS COUNTY MUD #1	12.82	16.57	18.61	19.55	19.84	19.96
K	WHARTON	COUNTY-OTHER, WHARTON	177.2	275.23	349.59	370.1	389.17	402.01
K	WHARTON	EAST BERNARD	22.71	34.15	43.21	49.03	51.74	53.43
K	WHARTON	EL CAMPO	0.28	0.44	0.56	0.63	0.66	0.69
K	WHARTON	WHARTON	103.93	160.54	207.5	231.34	243.29	251.17
K	WILLIAMSON	AUSTIN	305.83	512.26	635.73	768.7	919.49	1084.94
K	WILLIAMSON	COUNTY-OTHER, WILLIAMSON	175.96	327.7	363.93	379.98	387.49	390.34
K	WILLIAMSON	NORTH AUSTIN MUD #1	68.11	94.86	116.21	128.21	130.96	130.96
K	WILLIAMSON	WELLS BRANCH MUD	11.38	13.99	15.76	16.77	17.04	17.1
K Total			14,073.56	22,095.81	27,236.56	31,399.99	35,104.31	39,210.60

APPENDIX 2C

***REVISION REQUEST SUBMITTALS TO THE TWDB BY REGIONAL
WATER PLANNING GROUP REGARDING POPULATION, MUNICIPAL,
AND NON-MUNICIPAL PROJECTIONS FOR THE 2016 REGIONAL
WATER PLANNING CYCLE***

LOWER COLORADO REGIONAL WATER PLANNING GROUP

John E. Burke, P.E.
Chairman

Mailstop R325
Austin, TX 78767-0220

Phone: 512/914-3474
Fax: 512/473-3539

July 13, 2012

Ms. Melanie Callahan
Executive Administrator
Texas Water Development Board
P.O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

Subject: Request by the Lower Colorado Regional Water Planning Group (Region K) for extension in submitting non-municipal demand revisions

Dear Ms. Callahan:

The Lower Colorado Regional Water Planning Group (Region K) is preparing to respond to the TWDB's request for revisions to Draft non-municipal demand projections for use in developing the 2016 Region K Water Plan. In an email communication from TWDB staff on June 29, 2012, we were informed that "TWDB staff anticipates taking non-municipal water demand projections to our Board for adoption in October-November of this year." However, no firm deadline was clarified for regional submission of revision requests. Upon further communication with TWDB staff, Region K was informed that non-municipal revision requests should be submitted by September 15, 2012.

Due to the timing of Region K's quarterly meetings and unexpected delays in supportive data for some non-municipal demand revisions, Region K anticipates it will not be prepared to submit revision requests by September 15. Thus, Region K requests that the TWDB allow submission of non-municipal revisions and support data as follows:

1. October 15, 2012 - non-municipal demand projections related to manufacturing, irrigation, steam-electric generation, and livestock; and
2. Mining demand revision projections to be delayed until some later-specified date in order to consider the release of newly-revised data anticipated by the Bureau of Economic Geology in the fall of 2012.

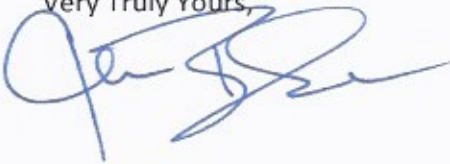
Ms. Melanie Callahan

July 13, 2012

Page 2

Should you have any questions regarding this request, please contact our consultant team via phone at (512) 457-7798 or via email at jaimie.burke@aecom.com . We appreciate your consideration of this request.

Very Truly Yours,



John E. Burke, Chairman
Lower Colorado Regional Water Planning Group

C: Mr. David Meesey, TWDB

Lower Colorado River Authority, Administrative Agent
P.O. Box 220, Austin, Texas 78767
(512) 473-3200, Fax (512) 473-3551



VOTING MEMBERS

John Burke, Chair
Haskell Simon, Vice-Chair
Teresa Lutes, Secretary
Jim Brasher
Jim Barho
Sandra Dannhardt
Finley deGraffenried
Ronald G. Fieseler
Ronald Gertson
Jed Garren
Karen Haschke
Barbara Johnson
James Kowis
Bill Neve
Doug Powell
W.A. Roeder
Rob Ruggiero
James Sultemeier
Byron Theodosis
Paul Tybor
David Van Dresar
Jennifer Walker
Joe P. Cooper
John T. Dupnik
Clyde Waters

COUNTIES

Bastrop
Blanco
Burnet
Colorado
Fayette
Gillespie
Hays (partial)
Llano
Matagorda
Mills
San Saba
Travis
Wharton (partial)
Williamson (partial)

October 11, 2012

Ms. Melanie Callahan
Executive Administrator
Texas Water Development Board
P.O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

Subject: Submittal of non-municipal demand projection revisions by the Lower Colorado Regional Water Planning Group (Region K)

Dear Ms. Callahan:

The Lower Colorado Regional Water Planning Group (Region K) has reviewed the TWDB's draft non-municipal demand projections intended for use in developing the 2016 Region K Water Plan. The Region K revision request is attached for your consideration, formatted in the spreadsheet previously provided by the TWDB staff. The revision request to TWDB's 2017 draft non-municipal demand projections includes:

- Changes to draft irrigation demand projections for Burnet, Colorado, Matagorda, and Wharton counties.
- No changes requested to draft manufacturing demand projections, with the acknowledgment that once the draft municipal demand projections are made available for review to the planning group, modifications to manufacturing demands may be necessary.
- Changes to draft mining demand projections for Blanco, Colorado, Llano, Mills, and Williamson counties.
- Changes to draft steam-electric demand projections for Bastrop, Fayette, Llano, Matagorda, and Travis counties.
- Changes to draft livestock demand projections for all counties except Blanco, Colorado, Matagorda, and Mills counties.
- Changes to the regional demand totals for all water use types except manufacturing.

Ms. Melanie Callahan
October 11, 2012
Page 2

Region K is also providing a single document which summarizes each revision request and the Region's supportive reasoning for each request.

In addition, Region K put the proposed revisions to the non-municipal demands out for public comment on the Region K website, and has included the public comments we received as an attachment to this submittal.

Should you have any questions regarding this request, please contact our consultant team via phone at (512) 457-7798 or via email at jaimie.burke@aecocom.com. We appreciate your consideration of this request.

Very Truly Yours,



John E. Burke, Chairman
Lower Colorado Regional Water Planning Group

Enclosures:

- Spreadsheet printout containing Region K revision requests
- Summarized supportive documentation for Region K's revision requests
- Summary of public comments received on the non-municipal demand revisions
- CD containing electronic versions (PDF and Excel) of above documents

cc: Mr. David Meeseey, TWDB

IRRIGATION

Draft Projections for 2017 SWP							2012 SWP Projections					RWPG Revisions						RWPG Comments				
County Name	2020	2030	2040	2050	2060	2070	County Name	2020	2030	2040	2050	2060	County Name	2020	2030	2040	2050	2060	2070			
Bastrop	852	742	649	565	492	443	Bastrop	1,407	1,226	1,072	934	814	Bastrop									
Blanco	256	240	225	217	213	204	Blanco	66	62	58	56	55	Blanco									
Burnet	1,504	1,474	1,444	1,429	1,399	1,377	Burnet	100	98	96	95	93	Burnet	1,504	1,504	1,504	1,504	1,504	1,504	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.		
Colorado	120,618	115,551	110,647	105,878	101,314	97,363	Colorado	192,465	184,380	176,555	168,946	161,663	Colorado	165,846	161,385	157,044	152,819	148,709	144,708	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.		
Fayette	623	583	545	511	480	453	Fayette	692	648	606	568	533	Fayette									
Gillespie	2,058	2,031	2,003	1,978	1,953	1,928	Gillespie	2,013	1,987	1,960	1,936	1,912	Gillespie									
Hays	107	107	107	107	107	107	Hays	11	11	11	11	11	Hays									
Llano	1,936	1,902	1,870	1,840	1,810	1,781	Llano	963	946	930	915	900	Llano									
Matagorda	117,462	113,220	109,157	105,247	101,477	98,081	Matagorda	186,072	179,353	172,916	166,722	160,750	Matagorda	212,087	206,382	200,830	195,428	190,171	185,055	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.		
Mills	3,074	3,008	2,943	2,879	2,817	2,759	Mills	2,872	2,810	2,749	2,689	2,631	Mills									
San Saba	5,539	5,361	5,188	5,018	4,856	4,709	San Saba	3,136	3,035	2,937	2,841	2,749	San Saba									
Travis	4,322	3,975	3,657	3,364	3,097	2,885	Travis	1,034	951	875	805	741	Travis									
Wharton	126,140	121,626	117,277	113,083	97,165	92,166	Wharton	176,441	170,127	164,044	158,177	135,911	Wharton	212,229	206,520	200,965	195,559	190,298	185,179	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.		
Williamson	0	0	0	0	0	0	Williamson	0	0	0	0	0	Williamson									
Total	384,491	369,820	355,712	342,116	317,180	304,256	Total	567,272	545,634	524,809	504,695	468,763	Total	610,433	593,740	577,530	561,789	546,507	531,715	New total reflects above revision request.		

LIVESTOCK

Draft Projections for 2017 SWP							2012 SWP Projections					RWPG Revisions					RWPG Comments			
County Name	2020	2030	2040	2050	2060	2070	County Name	2020	2030	2040	2050	2060	County Name	2020	2030	2040	2050	2060	2070	
Bastrop	1,405	1,405	1,405	1,405	1,405	1,405	Bastrop	1,522	1,522	1,522	1,522	1,522	Bastrop	1,522	1,522	1,522	1,522	1,522	1,522	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Blanco	564	564	564	564	564	564	Blanco	443	443	443	443	443	Blanco							
Burnet	756	756	756	756	756	756	Burnet	835	835	835	835	835	Burnet	835	835	835	835	835	835	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Colorado	1,590	1,590	1,590	1,590	1,590	1,590	Colorado	1,473	1,473	1,473	1,473	1,473	Colorado							
Fayette	2,272	2,272	2,272	2,272	2,272	2,272	Fayette	2,397	2,397	2,397	2,397	2,397	Fayette	2,397	2,397	2,397	2,397	2,397	2,397	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Gillespie	985	985	985	985	985	985	Gillespie	1,062	1,062	1,062	1,062	1,062	Gillespie	1,062	1,062	1,062	1,062	1,062	1,062	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Hays	185	185	185	185	185	185	Hays	220	220	220	220	220	Hays	220	220	220	220	220	220	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Llano	645	645	645	645	645	645	Llano	751	751	751	751	751	Llano	751	751	751	751	751	751	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Matagorda	1,503	1,503	1,503	1,503	1,503	1,503	Matagorda	1,151	1,151	1,151	1,151	1,151	Matagorda							
Mills	944	944	944	944	944	944	Mills	918	918	918	918	918	Mills							
San Saba	1,014	1,014	1,014	1,014	1,014	1,014	San Saba	1,191	1,191	1,191	1,191	1,191	San Saba	1,191	1,191	1,191	1,191	1,191	1,191	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Travis	609	609	609	609	609	609	Travis	704	704	704	704	704	Travis	704	704	704	704	704	704	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Wharton	645	645	645	645	645	645	Wharton	728	728	728	728	728	Wharton	728	728	728	728	728	728	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Williamson	0	0	0	0	0	0	Williamson	0	0	0	0	0	Williamson	1	1	1	1	1	1	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Total	13,117	13,117	13,117	13,117	13,117	13,117	Total	13,395	13,395	13,395	13,395	13,395	Total	14,012	14,012	14,012	14,012	14,012	14,012	New total reflects above revision request.

MANUFACTURING

Draft Projections for 2017 SWP							2012 SWP Projections					v							RWPG Comments	
County Name	2020	2030	2040	2050	2060	2070	County Name	2020	2030	2040	2050	2060	County Name	2020	2030	2040	2050	2060		2070
Bastrop	194	227	262	295	319	345	Bastrop	111	130	150	169	183	Bastrop							
Blanco	20	20	20	20	20	20	Blanco	2	2	2	2	2	Blanco							
Burnet	1,109	1,248	1,384	1,502	1,636	1,782	Burnet	1,109	1,248	1,384	1,502	1,636	Burnet							
Colorado	383	409	433	453	489	528	Colorado	192	205	217	227	245	Colorado							
Fayette	358	395	431	462	501	543	Fayette	230	254	277	297	322	Fayette							
Gillespie	1,049	1,102	1,151	1,192	1,276	1,366	Gillespie	539	566	591	612	655	Gillespie							
Hays	347	398	449	495	537	583	Hays	809	928	1,048	1,156	1,255	Hays							
Llano	3	3	3	3	3	3	Llano	3	3	3	3	3	Llano							
Matagorda	13,253	13,991	14,686	15,259	16,267	17,342	Matagorda	13,253	13,991	14,686	15,259	16,267	Matagorda							
Mills	2	2	2	2	2	2	Mills	1	1	1	1	1	Mills							
San Saba	8	8	8	8	8	8	San Saba	30	31	32	33	35	San Saba							
Travis	35,790	48,710	63,858	72,991	81,781	91,630	Travis	28,294	38,508	50,483	57,703	64,652	Travis							
Wharton	503	537	572	601	648	699	Wharton	343	366	390	410	442	Wharton							
Williamson	0	0	0	0	0	0	Williamson	0	0	0	0	0	Williamson							
Total	53,019	67,050	83,259	93,283	103,487	114,851	Total	44,916	56,233	69,264	77,374	85,698	Total							

MINING

Draft Projections for 2017 SWP							2012 SWP Projections					RWPG Revisions					RWPG Comments					
County Name	2020	2030	2040	2050	2060	2070	County Name	2020	2030	2040	2050	2060	County Name	2020	2030	2040	2050	2060	2070			
Bastrop	2,884	6,812	7,498	8,264	9,085	9,996	Bastrop	5,035	5,036	37	38	39	Bastrop									
Blanco	0	0	0	0	0	0	Blanco	5	5	5	5	5	Blanco	5	5	5	5	5			5	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Burnet	4,489	5,412	6,379	7,255	8,264	9,412	Burnet	2,049	2,098	2,145	2,190	2,235	Burnet									
Colorado	3,961	5,224	4,700	4,137	3,633	3,367	Colorado	21,197	21,416	21,623	21,821	21,996	Colorado	5,325	5,378	5,433	5,487	5,542			5,597	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Fayette	2,407	3,091	2,462	1,853	1,232	897	Fayette	42	42	42	42	42	Fayette									
Gillespie	4	4	4	4	4	4	Gillespie	8	8	8	8	8	Gillespie									
Hays	845	1,075	1,361	1,445	1,654	1,893	Hays	6	2	0	0	0	Hays									
Llano	0	0	0	0	0	0	Llano	148	148	148	148	148	Llano	3	3	3	3	3			3	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Matagorda	95	99	75	55	35	25	Matagorda	172	169	167	165	163	Matagorda									
Mills	0	0	0	0	0	0	Mills						Mills	4	4	4	4	4			4	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
San Saba	1,088	1,093	944	900	864	838	San Saba	163	163	163	163	163	San Saba									
Travis	3,502	4,108	4,762	5,375	6,046	6,817	Travis	1,649	1,727	1,804	1,880	1,935	Travis									
Wharton	85	90	67	49	31	22	Wharton	773	798	822	844	864	Wharton									
Williamson	0	0	0	0	0	0	Williamson	5	1	0	0	0	Williamson	5	3	3	3	3			3	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Total	19,360	27,008	28,252	29,337	30,848	33,271	Total	31,252	31,613	26,964	27,304	27,598	Total	20,741	27,177	29,000	30,702	32,772	35,516	New total reflects above revision request.		



VOTING MEMBERS

John Burke, Chair
Jim Barho, Vice-Chair
Teresa Lutes, Secretary
Jim Brasher
Joe P. Cooper
John T. Dupnik
Ronald G. Fieseler
Mike Reagor
Ronald Gertson
Karen Haschke
Barbara Johnson
Joe King
Bill Neve
Doug Powell
W.A. Roeder
Rob Ruggiero
Haskell Simon
James Sultemeier
Byron Theodosis
Paul Tybor
David Van Dresar
Jennifer Walker
Brandon Wade

COUNTIES

Bastrop
Blanco
Burnet
Colorado
Fayette
Gillespie
Hays (partial)
Llano
Matagorda
Mills
San Saba
Travis
Wharton (partial)
Williamson (partial)

April 24, 2013

Ms. Melanie Callahan
Executive Administrator
Texas Water Development Board
P.O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

Subject: Re-Submittal of non-municipal demand projection revisions by the Lower Colorado Regional Water Planning Group (Region K), noting corrected data in Bastrop and Matagorda County Steam Electric

Dear Ms. Callahan:

The Lower Colorado Regional Water Planning Group (Region K) submitted a non-municipal water demand projection revision request in October 2012. Recently, the Region became aware of the need to amend the original revision request in the following two ways:

- Bastrop County Steam Electric demands should be 16,720 acre-feet for all decades from 2030 to 2070. This revision request was noted in our original “Summarized supportive documentation for Region K’s revision requests” submitted in October 2012. However, we recently noted this request was not recorded in the TWDB-required spreadsheet containing revision requests. We have revised the spreadsheet accordingly and it is attached, along with the original supporting documentation.
- On April 10, 2013 Region K voted to request a reduction of Matagorda County Steam Electric demands to 105,000 acre-feet for all decades. The additional reduction of 2,500 acre-feet reflects recent news that the White Stallion Energy Center is no longer pursuing the proposed power plant in Matagorda County.

In both of the above instances, new revision requests are documented in the attached spreadsheet (TWDB format) and support data is provided.

Please note, as per our previous request, Region K intends to consider draft manufacturing demand projections in conjunction with draft municipal demand projections. These will be considered for approval at the July 10 Region K meeting and revision requests will be submitted prior to the TWDB requested August 16, 2013 deadline

Ms. Melanie Callahan
April 24, 2013
Page 2

Should you have any questions regarding this request, please contact our consultant team via phone at (512) 457-7798 or via email at jaimе.burke@aecom.com. We appreciate your consideration of this request.

Very Truly Yours,

A handwritten signature in blue ink, appearing to read "John E. Burke", with a long horizontal flourish extending to the right.

John E. Burke, Chairman
Lower Colorado Regional Water Planning Group

Enclosures:

- Spreadsheet containing Region K revision requests
- Summarized supportive documentation for Region K's revision requests
- CD containing electronic copies of above documents

C: Mr. David Meesey, TWDB

**Region K’s Recommended Modifications
to
TWDB’s 2017 Non-Municipal Draft Demand Projections**

In October 2011, the Texas Water Development Board (TWDB) provided draft projections of non-municipal (agricultural irrigation, manufacturing, mining, steam electric and livestock) demands for use in the 2012-2017 planning cycle for each county in Region K. After review and analysis of available records, public comment, input from local officials and discussion of the planning group, Region K respectfully submits its recommended modifications to the TWDB’s non-municipal draft demand projections. Below is a general description of what specific modifications are being recommended, the purpose for the modifications, and, if applicable, the methodology used in developing the modifications

A. Agricultural Irrigation Demand Projections

Recommended Modifications:

1. Use TWDB’s 2017 draft agricultural demand projections for all counties, except Burnet, Colorado, Matagorda and Wharton counties;
2. Burnet County – use the TWDB 2020 draft projection and hold that projection steady (no reduction) for 2020-2070; and
3. Colorado, Matagorda and Wharton counties - modify the TWDB’s 2017 draft agricultural demand projections for these counties based on Region K’s analysis of historical demands over the past twenty year period.

Discussion

Burnet County - Region K received comments from the Burnet County Agent, Central Texas Groundwater Conservation District and Region K members from Burnet County indicating that the 2020 estimate of demand for agriculture use was fairly close to their understanding of use in the county. However, they felt that the level of reduction in agricultural use as shown in the TWDB draft projections did not reflect the growth that they have seen in new vineyards and hay pastures being established in the county and area. They suggested that the demands for agricultural use in Burnet County remain steady over the planning period. This amounts to a difference of only 127 acre-feet/year (AFY) in 2070. Below is **TABLE A** showing the comparison of the TWDB draft projections and Region K’s recommended modifications.

**TABLE A
Region K’s Recommended Modifications to TWDB’s Draft
Agricultural Demand Projections for Burnet County (AFY)**

Burnet County	2020	2030	2040	2050	2060	2070
TWDB Draft Projections	1504	1474	1444	1429	1399	1377
Region K’s Recommended Modification	1504	1504	1504	1504	1504	1504

April 10, 2013

Colorado, Matagorda and Wharton counties - The TWDB's draft projections of agricultural demands for Colorado, Matagorda and Wharton counties for use in the next planning cycle are substantially lower than the projections that were utilized in the previous three regional planning cycles. Region K understands that the TWDB has developed a state-wide methodology, based on the U. S. Dept. of Agriculture's Farm Service Agency records, for determining such demands; however, Region K believes that this methodology does not make use of the best available data and does not properly reflect the actual amounts of water supplies, during dry periods, that this region has utilized over the past twenty years.

Region K invested considerable effort in its development of projected irrigation demands for Colorado, Matagorda and Wharton counties in the first round of regional planning. The fruit of these efforts was used extensively by Region K in developing its 2001, 2006 and 2011 approved regional plans. Some of the conditions and assumptions that led to those initial projections have changed considerably or did not materialize as expected. Therefore, Region K finds it necessary to recommend basic adjustments to these projections to more accurately reflect historical demand patterns and better data. Three additional factors affecting demands are discussed below.

- 1) Irrigated acreage particularly for rice production was depressed in the late 90's by low commodity prices. Those depressed prices were projected to hold down acreage levels for the ensuing decade and possibly longer. However, rice prices have increased significantly, leading to increases in planted rice acreage in the last decade. Considerable on-farm conservation efforts have helped to minimize the increase in irrigation demands that would correspond to greater irrigated acreage. However, despite concerted efforts to achieve water efficiencies over the past decade, the projected decrease in irrigation demands that was built into previous projections for Region K has not materialized. Actual demand is higher than previously projected in Region K's 2011 Plan- See Attachments I & II for the actual demands.
- 2) Significant commodity price increases for other crops in addition to rice have led to increased demand for irrigation water. Corn and sorghum in particular have seen increased irrigation and have potential for a continuation of this trend.
- 3) Certain aspects of federal farm programs have held down rice acreage for the first decade of this millennium, land owners have removed acreage from production in order to garner certain financial benefits from these programs. The current farm program is set to expire at the end of 2012, and by all reports, those financial benefits will not be preserved in new farm legislation. With the likely removal of this disincentive to farm, additional irrigated acreage will be brought back into production in these three counties, most of which will be in Matagorda County where this anomaly has most impacted rice acreage.

In recognition of these changed conditions and consistent with the revisions that Region K recommended in the first planning cycle, Region K is recommending revisions to the TWDB's draft projected agricultural demands for the next cycle of planning to more accurately reflect recent historical

drought levels of demands experienced in these three counties. These modifications reflect an approximately 71,000 AFY increase over the amount shown in the current approved Region K plan for 2060. For these three counties, Region K developed its recommended modified agricultural demand projections based on the following data and analysis:

- Surface water demands were calculated for 2010 based on the 90th percentile level of actual demands¹ by irrigation operations that are supplied water by the Lower Colorado River Authority (LCRA) as reported to the Texas Commission on Environmental Quality (TCEQ) over the past twenty years (1992 through 2011) - as shown in **Attachment I**; these demands were adjusted for agreements that came into existence during this period and were further adjusted to reflect the amount of water used between counties and between Regions P and K (the adjustments between counties and regions was based on water use data from 2004-2011). Additionally, surface water demands related to all other surface water rights within these three counties within Region K were calculated for 2010 based on the 90th percentile of 2000-2011 water use data obtained from the TCEQ – as shown in **Attachment I**.
- Groundwater demands were based on the 2009 actual demands² as recorded by the local groundwater conservation districts (GCDs) in Wharton (Region K portion only) and Matagorda Counties and estimated for Colorado County (in the absence of actual GCD data) – as shown in **Attachment II**.
- The 2010 total agricultural set of demands (sum of surface water and groundwater historic reported usage) for each county were then reduced based on a 2.69% reduction factor (as described in the next paragraph) for each decade. The resultant numbers for each county by decade are shown in **TABLE B**.

Region K found that the previously-utilized decadal rate at which future agricultural demands would be projected to decrease (a rate of about 3-4 % or more per decade) did not materialize. LCRA data from the past twenty years indicates that the actual rate of reduction in demands within the irrigation operations that it supplies water to is about 2.69% per decade. Region K proposes limiting the decadal reduction in agricultural demands to this rate and has reflected this change in the revised projected agricultural demands (both surface and ground water) for Colorado, Matagorda and Wharton counties. Below is **TABLE B** showing the comparison of the agricultural demand projections from the current approved Region K plan, the TWDB draft projections and Region K's recommended modifications.

¹ Region K will utilize weather-variable demands in its water availability modeling for water management strategies to ensure that such modeling best reflects conditions similar to what is seen in actual records of agricultural water use in these counties and the state over the Region K WAM modeling period (1940-2009).

² GCDs have less than ten years of records for water use in their counties; therefore Region K used 2009 as a representative drought year as being reflective of the 90th percentile. Region K plans to use historical groundwater demand data for the fifth planning cycle.

TABLE B
Region K’s Recommended Modifications to TWDB’s Draft Agricultural Demand Projections for Colorado, Matagorda and Wharton Counties (AFY)

Colorado County	2020	2030	2040	2050	2060	2070
Current Region K Plan	192,465	184,380	176,555	168,946	161,663	
TWDB Draft Proposed	120,618	115,551	110,647	105,878	101,314	97,363
Region K Modifications	165,846	161,385	157,044	152,819	148,709	144,708
Matagorda County						
Current Region K Plan	186,072	179,353	172,916	166,722	160,750	
TWDB Draft Proposed	117,462	113,220	109,157	105,247	101,477	98,081
Region K Modifications	212,087	206,382	200,830	195,428	190,171	185,055
Wharton County						
Current Region K Plan	176,441	170,127	164,044	158,177	135,911	
TWDB Draft Proposed	126,140	121,626	117,277	113,083	97,165	92,166
Region K Modifications	212,229	206,520	200,965	195,559	190,298	185,179

Recent unavailability of surface water in 2012 from the LCRA for three of four downstream irrigation operations it supplies water to has precipitated increased utilization of available groundwater supplies. At this early stage, it is difficult to capture a long term trend regarding irrigators’ increased reliance on groundwater and corresponding decreased demand on surface water. However, while there may be shifts of water sourcing between surface and groundwater, the total demand for these three counties is expected to follow the trend indicated under “Region K Modifications” in **TABLE B**.

Irrigation demands beyond a decade are difficult to project. World population growth is expected to increase the pressures on all food supplies leading to increased demand for the products of irrigated agriculture. Such pressures may also lead to technological advancements in irrigation water conservation. Water demands from all use sectors may converge to necessitate more advanced conservation at all levels. While such advancements should ultimately yield conservation of irrigation water, it is likely that much of the conserved water will be needed to support expanded food and fiber production to serve the needs of the growing population. Region K believes it imprudent to project significant decreases in irrigation demands under conditions that clearly indicate increased demand for the products of irrigated agriculture.

B. Manufacturing Demand Projections

Recommended Modifications:

No modifications are recommended; Region K plans to use TWDB’s 2017 draft manufacturing demand projections for all counties; Region K does reserve the right to review these manufacturing demand projections after the TWDB provides the region with population and

municipal water demand projections; and based on its review of those projections, the region may need to revisit some of the manufacturing demand projections.

C. Mining Demand Projections

Recommended Modifications:

1. Use TWDB’s 2017 draft mining demand projections for all counties, except Blanco, Colorado, Llano, Mills and Williamson counties;
2. Blanco, Colorado, Llano, Mills and Williamson counties - modify the TWDB’s 2017 draft mining demand projections for these counties based on input from local GCD and Region K members.

Discussion

Blanco, Llano, Mills and Williamson counties- Region K planning group members indicated personal knowledge of mining operations in these counties; therefore, Region K recommends that the mining demand in each of these counties be modified from zero to a small amount per county as shown in **TABLE C** below.

Colorado County- Colorado County Groundwater Conservation District has recently determined historic use levels within its district for mining and other purposes of use. This process indicated that the actual use for mining purposes is higher than the TWDB draft projections for 2017, but lower than the projections used in previous Region K plans; therefore, Region K recommends that the mining demand in Colorado County be modified as shown in **TABLE C** below.

TABLE C
Region K’s Recommended Modifications to TWDB’s Draft Mining Demand Projections for Blanco, Colorado, Llano, Mills and Williamson Counties (AFY)

Blanco County	2020	2030	2040	2050	2060	2070
TWDB Draft Proposed	0	0	0	0	0	0
Region K Modifications	5	5	5	5	5	5
Colorado County						
<i>Current Region K Plan</i>	<i>21,197</i>	<i>21,416</i>	<i>21,623</i>	<i>21,821</i>	<i>21,996</i>	
TWDB Draft Proposed	3961	5224	4700	4137	3633	3367
Region K Modifications	5,325	5,378	5,433	5,487	5,542	5,597
Llano County						
TWDB Draft Proposed	0	0	0	0	0	0
Region K Modifications	3	3	3	3	3	3
Mills County						
TWDB Draft Proposed	0	0	0	0	0	0
Region K Modifications	4	4	4	4	4	4
Williamson County						
TWDB Draft Proposed	0	0	0	0	0	0
Region K Modifications	5	3	3	3	3	3

D. Steam-Electric Demand Projections

Recommended Modifications:

1. Use TWDB’s 2017 draft steam-electric demand projections for all counties, except Bastrop, Fayette, Llano, Matagorda and Travis counties;
2. Bastrop, Fayette, Llano, Matagorda and Travis counties - modify the TWDB’s 2017 draft steam-electric demand projections for these counties based on input from electric generators and other sources in the region.

Discussion

Region K sought information from steam-electric generators and other sources in its region and is recommending modification of the TWDB’s 2017 draft steam-electric demand projections for Bastrop, Fayette, Llano, Matagorda, Travis and Wharton counties based on input from those sources. Most of the modifications reflect an overall reduction in the amount of water needed for steam-electric demands. These recommended modifications are shown in **TABLE D** below.

TABLE D
Region K’s Recommended Modifications to TWDB’s Draft Steam-Electric Demand Projections for Bastrop, Fayette, Llano, Matagorda and Travis Counties (AFY)

Bastrop County	2020	2030	2040	2050	2060	2070
TWDB Draft Proposed	14,000	16,000	18,000	19,500	19,500	19,500
Region K Modifications	14,000	16,720	16,720	16,720	16,720	16,720
Fayette County						
TWDB Draft Proposed	29,702	33,002	63,843	63,843	69,753	76,210
Region K Modifications	35,702	35,702	37,802	44,102	48,602	53,402
Llano County						
TWDB Draft Proposed	1500	1500	15,000	15,000	15,000	15,000
Region K Modifications	2500	2500	2500	2500	2500	2500
Matagorda County						
TWDB Draft Proposed	135,500	135,500	135,500	135,500	135,500	135,500
Region K Modifications**	105,000	105,000	105,000	105,000	105,000	105,000
Travis County						
TWDB Draft Proposed	18,500	22,500	23,500	27,500	28,500	29,500
Region K Modifications	18,500	22,500	22,500	23,500	24,500	26,500

**April 10, 2013 Region K voted to request Matagorda County Steam Electric demands be reduced by 2,500 AFY in each decade to reflect the plans to not pursue the White Stallion Energy Center power plant.

E. Livestock Demand Projections

Recommended Modifications:

1. Use TWDB’s 2017 draft livestock demand projections for the following counties: Blanco, Colorado, Matagorda and Mills counties;
2. For all other counties- modify the TWDB’s 2017 draft livestock demand projections based on input from regional planning group members.

Discussion

Region K feels the reduction in livestock demand in the identified counties was unwarranted due to the reductions in herd size as a result of droughts that have been experienced over the past five years. Therefore, Region K recommends modification of the demands for livestock in the identified counties, except for Williamson County, back to the level used in the 2012 State Water Plan in **TABLE E** below. For Williamson County, Region K recommends adding a small demand representative of this limited area.

TABLE E
Region K’s Recommended Modifications to TWDB’s Draft Livestock Demand Projections for the Identified Counties (AFY)

County	2020	2030	2040	2050	2060	2070
Bastrop County						
TWDB Draft Proposed	1405	1405	1405	1405	1405	1405
Region K Modifications	1522	1522	1522	1522	1522	1522
Burnet County						
TWDB Draft Proposed	756	756	756	756	756	756
Region K Modifications	835	835	835	835	835	835
Fayette County						
TWDB Draft Proposed	2272	2272	2272	2272	2272	2272
Region K Modifications	2397	2397	2397	2397	2397	2397
Gillespie County						
TWDB Draft Proposed	985	985	985	985	985	985
Region K Modifications	1062	1062	1062	1062	1062	1062
Hays County						
TWDB Draft Proposed	185	185	185	185	185	185
Region K Modifications	220	220	220	220	220	220
Llano County						
TWDB Draft Proposed	645	645	645	645	645	645
Region K Modifications	751	751	751	751	751	751
San Saba County						
TWDB Draft Proposed	1014	1014	1014	1014	1014	1014
Region K Modifications	1191	1191	1191	1191	1191	1191
Travis County						
TWDB Draft Proposed	609	609	609	609	609	609
Region K Modifications	704	704	704	704	704	704
Wharton County						
TWDB Draft Proposed	645	645	645	645	645	645
Region K Modifications	728	728	728	728	728	728
Williamson County						
TWDB Draft Proposed	0	0	0	0	0	0

Region K Modifications	1	1	1	1	1	1
------------------------	---	---	---	---	---	---

ATTACHMENT I

**Historic Surface Water Use for Agricultural Purposes at LCRA
Affiliated Irrigation Operations based on LCRA Annual Water
Use Reports for 1992-2011 (acre-feet)**

Year	Garwood	Gulf Coast	Lakeside	Pierce Ranch	Total
1992	95,304	133,201	135,597	50,212	414,314
1993	78,336	105,505	96,467	38,589	318,897
1994	103,633	145,603	143,743	45,452	438,431
1995	96,745	142,967	140,131	26,917	406,760
1996	107,223	178,491	143,317	23,205	452,236
1997	54,459	108,135	95,390	13,149	271,133
1998	86,579	200,161	156,466	36,770	479,976
1999	71,450	149,276	114,189	23,058	357,973
2000	83,247	152,197	117,838	26,096	379,378
2001	77,777	137,655	113,300	21,521	350,253
2002	78,058	141,928	109,866	20,409	350,261
2003	73,676	110,311	111,958	21,557	317,502
2004	77,990	132,244	110,771	18,484	339,489
2005	85,072	146,389	128,483	21,623	381,566
2006	82,385	109,463	97,944	19,988	309,781
2007	45,205	83,535	56,360	14,285	199,386
2008	103,624	157,332	134,304	23,630	418,890
2009	100,150	197,610	115,889	28,795	442,444
2010	88,895	150,647	96,362	23,452	359,356
2011	117,667	170,633	142,488	33,526	464,314
Average	85,374	142,664	118,043	26,536	372,617
90 th Percentile	103,992	180,403	143,360	39,275	467,030
With Limitations(1)	100,000	180,403	143,360	30,000	453,763
Allocation of Use (2)					
Colorado	84,000	0	58,777	0	142,777
Wharton	16,000	14,432	84,582	30,000	145,014
Matagorda	0	165,971	0	0	165,971
				Region K	437,763
				Region P	16,000

(1) Limitations associated with purchase agreements with original owners

April 10, 2013

(2) Use allocated based on location by county and regional water planning area;
allocation based on analysis of actual split in 2004-2011

ATTACHMENT I
(Continued)

**AECOM obtained the following from TCEQ water use report records
for all surface water rights other than LCRA, STPNOC & Corpus Christi:**

<i>County</i>	<i>90th Percentile of historic use shown in 2000-2011 water use reports</i>
Colorado	7,654
Wharton	6,042
Matagorda	18,543
Total	32,239

ATTACHMENT II

**2009 Groundwater Agricultural Use in Region K portion of Colorado, Wharton
& Matagorda counties based on local groundwater conservation district
information and data (acre-feet)**

County	Amount
Colorado[a]	20,000
Wharton[b]	83,040
Matagorda	33,436
Total	136,476

[a] Colorado County amount estimated by deducting the number of acres provided water under the LCRA operations in Colorado County from the number of certified acres of rice and other crops and applying an average duty of use.

[b] The amount shown for Wharton County is only that amount of use determined by AECOM to be within the Region K portion of county.

Draft Projections for 2017 SWP						
County Name	2020	2030	2040	2050	2060	2070
Bastrop	14,000	16,000	18,000	19,500	19,500	19,500
Blanco	0	0	0	0	0	0
Burnet	0	0	0	0	0	0
Colorado	0	0	0	0	0	0
Fayette	29,702	33,002	63,843	63,843	69,753	76,210
Gillespie	0	0	0	0	0	0
Hays	0	0	0	0	0	0
Llano	1,500	1,500	15,000	15,000	15,000	15,000
Matagorda	135,500	135,500	135,500	135,500	135,500	135,500
Mills	0	0	0	0	0	0
San Saba	0	0	0	0	0	0
Travis	18,500	22,500	23,500	27,500	28,500	29,500
Wharton	2,751	2,813	2,888	2,980	3,091	3,197
Williamson	0	0	0	0	0	0
Total	201,953	211,315	258,731	264,323	271,344	278,907

2012 SWP Projections					
County Name	2020	2030	2040	2050	2060
Bastrop	14,000	16,000	18,000	19,500	19,500
Blanco	0	0	0	0	0
Burnet	0	0	0	0	0
Colorado	0	0	0	0	0
Fayette	29,702	33,002	63,843	63,843	69,753
Gillespie	0	0	0	0	0
Hays	0	0	0	0	0
Llano	1,500	1,500	15,000	15,000	15,000
Matagorda	135,000	135,000	135,000	135,000	135,000
Mills	0	0	0	0	0
San Saba	0	0	0	0	0
Travis	18,500	22,500	23,500	27,500	28,500
Wharton	2,651	2,711	2,783	2,872	2,979
Williamson	0	0	0	0	0
Total	201,353	210,713	258,126	263,715	270,732

RWPG Revisions						RWPG Comments	
County Name	2020	2030	2040	2050	2060	2070	
Bastrop	14,000	16,720	16,720	16,720	16,720	16,720	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Blanco							
Burnet							
Colorado							
Fayette	35,702	35,702	37,802	44,102	48,602	53,402	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Gillespie							
Hays							
Llano	2,500	2,500	2,500	2,500	2,500	2,500	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Matagorda	105,000	105,000	105,000	105,000	105,000	105,000	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012 and amended by an April 10, 2013 Region K vote to reflect demand reduction due to White Stallion postponement.
Mills							
San Saba							
Travis	18,500	22,500	22,500	23,500	24,500	26,500	Support documentation provided as attachment to Region K transmittal letter, dated October 11, 2012.
Wharton							
Williamson							
Total	178,453	185,235	187,410	194,802	200,413	207,319	New total reflects above revision request.

THIS PAGE LEFT BLANK INTENTIONALLY

Lower Colorado River Authority, Administrative Agent
P.O. Box 220, Austin, Texas 78767
(512) 473-3200, Fax (512) 473-3551



VOTING MEMBERS

John Burke, Chair
Jim Barho, Vice-Chair
Teresa Lutes, Secretary
Jim Brasher
Joe P. Cooper
John T. Dupnik
Ronald G. Fieseler
Ronald Gertson
Karen Haschke
Barbara Johnson
Joe King
Bill Neve
Doug Powell
W.A. Roeder
Rob Ruggiero
Haskell Simon
James Sultermeyer
Byron Theodosios
Paul Tybor
David Van Dresar
Jennifer Walker
Brandon Wade
David Wheelock

COUNTIES

Bastrop
Blanco
Burnet
Colorado
Fayette
Gillespie
Hays (partial)
Llano
Matagorda
Mills
San Saba
Travis
Wharton (partial)
Williamson (partial)

July 26, 2013

Mr. Daniel Hardin, Ph.D.
Interim Deputy Executive Administrator
Texas Water Development Board
P.O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

Subject: Re-submittal of non-municipal demand projection revisions by the Lower Colorado Regional Water Planning Group (Region K), related to Manufacturing and Irrigation demands in Matagorda County.

Dear Mr. Hardin:

The Lower Colorado Regional Water Planning Group (Region K) submitted a non-municipal water demand projection revision request in October 2012, with a follow-up correcting request in April 2013. Noted in both requests was that Region K intended to consider draft manufacturing demand projections in conjunction with the draft municipal demand projections, and that they would be considered for approval at the July 10 Region K meeting with revision requests being submitted prior to the TWDB requested August 16, 2013 deadline.

During their review of the population and municipal demand projections, Region K did also evaluate the manufacturing demand projections. During the evaluation, information related to a new manufacturing facility (Tenaris) that is expected to open in 2016 in Matagorda County became available. The manufacturing facility is estimated to use 3,000 AFY of water that is currently being used for irrigation purposes. Region K felt that the draft manufacturing demand projections provided by TWDB did not account for this facility.

On July 10, 2013 Region K voted to request an increase of 3,000 AFY to the Matagorda County Manufacturing demands for all decades, with an equivalent decrease of 3,000 AFY to the Matagorda County Irrigation demands for all decades.

This revision request is documented in the attached spreadsheet (TWDB format).

Mr. Daniel Hardin, Ph.D.
July 26, 2013
Page 2

Should you have any questions regarding this request, please contact our consultant team via phone at (512) 457-7798 or via email at jaimе.burke@aecom.com. We appreciate your consideration of this request.

Very Truly Yours,

A handwritten signature in blue ink, appearing to read "John E. Burke". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John E. Burke, Chairman
Lower Colorado Regional Water Planning Group

Enclosures:

- Spreadsheet containing Region K revision requests
- CD containing electronic copy of Excel spreadsheet and this letter

C: Mr. David Meesey, TWDB

Lower Colorado River Authority, Administrative Agent
P.O. Box 220, Austin, Texas 78767
(512) 473-3200, Fax (512) 473-3551



VOTING MEMBERS

John Burke, Chair
Jim Barho, Vice-Chair
Teresa Lutes, Secretary
Jim Brasher
Joe P. Cooper
John T. Dupnik
Ronald G. Fieseler
Ronald Gertson
Karen Haschke
Barbara Johnson
Joe King
Bill Neve
Doug Powell
W.A. Roeder
Rob Ruggiero
Haskell Simon
James Sultermeier
Byron Theodosios
Paul Tybor
David Van Dresar
Jennifer Walker
Brandon Wade
David Wheelock

COUNTIES

Bastrop
Blanco
Burnet
Colorado
Fayette
Gillespie
Hays (partial)
Llano
Matagorda
Mills
San Saba
Travis
Wharton (partial)
Williamson (partial)

July 26, 2013

Mr. Daniel Hardin, Ph.D.
Interim Deputy Executive Administrator
Texas Water Development Board
P.O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

Subject: Submittal of requested population and municipal demand projection revisions by the Lower Colorado Regional Water Planning Group (Region K).

Dear Mr. Hardin:

The Lower Colorado Regional Water Planning Group (Region K) has spent the last several months reviewing, processing, and coordinating with the regional municipal Water User Groups on the draft population and municipal demand projections provided to Region K by the TWDB staff.

The information received during the review period has formed the requested revisions that are being submitted to you in this package. On July 10, 2013, Region K approved the draft population and municipal demand projections and the requested revisions as shown in this submittal. While comfortable with the requested revisions as they are, Region K also authorized its consultant, AECOM, to work with the TWDB staff and the Region K Population and Water Demand Committee to negotiate any needed finalization of the projections, as a result of comments from TWDB staff.

This revision request is documented in the attached summary document and spreadsheet (TWDB format). A CD is also provided, which contains electronic versions of the mentioned documents as well as folders containing the pertinent backup data for each Water User Group requesting a revision. Hard copies of the backup data are not provided in this submittal, as the data is extensive.

Mr. Daniel Hardin, Ph.D.
July 26, 2013
Page 2

Should you have any questions regarding this request, please contact our consultant team via phone at (512) 457-7798 or via email at jaimе.burke@aecom.com. We appreciate your consideration of this request.

Very Truly Yours,

A handwritten signature in blue ink, appearing to read "John E. Burke". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John E. Burke, Chairman
Lower Colorado Regional Water Planning Group

Enclosures:

- Summary document explaining Region K revision requests
- Spreadsheet containing Region K revision requests
- CD containing electronic versions of documents and all backup data

C: Mr. David Meesey, TWDB

Region K Population and Municipal Demand Revision Request Summary – July 26, 2013

Below is a summary of requested changes and references to support data for the Lower Colorado Regional Water Planning Group. These requested revisions were approved by the Planning Group at their July 10, 2013 meeting. Please note that, with the exception of the City of Austin and Wells Branch MUD, no specific changes to GPCD or demand are made, however the Region requests that TWDB recalculate demand projections based on final approved population projections.

Bastrop County

Increase for all WUGs and County Total through 2060. Bastrop County, as well as the City of Bastrop, requested that Region K consider population growth in line with projections from the CAMPO 2040 Plan (available online at: <http://www.campotexas.org/pdfs/Item1btac.pdf>) and the 1.0 in migration scenario from the Texas State Data Center. Per discussions with TWDB, Region K recommends that Bastrop County growth reflect the higher rate of growth through 2050. The 2070 population totals for the entire County are recommended to stay at the previous draft population projection provided by TWDB (reflecting a scenario between the 0.5 and 1.0 SDC.) The 2060 population revision request represents a midpoint between the new 2050 revision and the 2070 projection total. Letters from Bastrop County Judge Paul Pape, dated June 5, 2013, and City of Bastrop City Manager Michael Talbot, dated June 26, 2013, are included in the folder “Bastrop” transmitted electronically with this documentation.

Blanco County – no revisions requested

Burnet County

Marble Falls – the Burnet-Llano County Regional Water Facility Study (Study), indicates that Marble Falls will grow more rapidly than TWDB projections. Region K requests that the TWDB increase Marble Falls projections to reflect those shown in the Study (highlighted in the table below in green under “Sum for City of Marble Falls.”) Additional documentation regarding projections in the City of Marble Falls 2009 Comprehensive Plan Update and data for Living Unit Equivalents (LUE) is provided as additional support in the folder “Marble Falls” transmitted electronically with this documentation.

Entity	Annual Growth Projected by Entity	POPULATION						
		2010	2015	2020	2025	2030	2035	2040
City of Marble Falls								
TWDB Projection (within existing city limits)	2.2%	7796	8964	10132	11406	12679	13917	15155
City's Projections for existing city limits	3.2%	6077	7114	8327	9747	11410	13356	15634
Proposed Developments within ETJ								
-- Flatrock Springs		0	125	375	875	1375	2125	2875
Sum for City of Marble Falls	3.8%	6077	7239	8702	10622	12785	15481	18509

Region K Population and Municipal Demand Revision Request Summary – July 26, 2013

- County Other – In order to maintain the Burnet County control totals while increasing projections for Marble Falls, Region K requests TWDB decrease County-Other population projections.

Colorado County – no revisions requested

Fayette County – no revisions requested

Gillespie County – no revisions requested

Hays County

- Austin – The City of Austin share of Hays County was increased (per discussion with the City of Austin staff) and reflects development and potential annexation activities of the City of Austin in Hays County. Additional documentation support is in the folder “Austin” transmitted electronically with this documentation.
- Cimarron Park Water Company – Based on a response from Cimarron Park Water Company (included in the folder “Cimarron Park”), the area does not anticipate the growth projected by TWDB. Region K chose to approximate build out population at 2,150 for all decades.
- County Other – In order to maintain the Hays County control totals while increasing projections for the City of Austin, Region K requests TWDB decrease County-Other population projections.
- Mountain City – Based on a response from Mountain City (included in the folder “Mountain City”), all lots are built out and the Region K portion of Mountain City population is expected to be 490 in all decades.

Llano County – no revisions requested

Matagorda County – no revisions requested

Mills County – no revisions requested

San Saba County – no revisions requested

Travis County

- Travis County Total – Region K requests that the TWDB consider applying a 1.0 in migration growth scenario or the entirety of Travis County through the 2070 planning horizon. In support of this, CAMPO has adopted the 1.0 growth scenario for use in development of the CAMPO 2040 Plan. Additionally, a comparison between the US Census data indicates that between April 1, 2010 and July 1, 2012, Travis County grew more rapidly than the 1.0 growth scenario (see table below.)

Region K Population and Municipal Demand Revision Request Summary – July 26, 2013

Travis County	2010	2012	Total % Change
0.5 scenario	1,024,266	1,060,106	3.50
0.75 scenario (approximate TWDB)	1,024,266	1,065,605	4.04
1.0 scenario	1,024,266	1,071,103	4.57
Census	1,024,266	1,095,584	6.96

- Austin – The City of Austin has provided substantial support for revisions to both population and GPCD values in all decades. The support is included in the folder “Austin” transmitted electronically with this revision request. Additionally, data from the US Census Bureau indicates that the City of Austin is growing more rapidly than the initial TWDB draft projections would allow for, please see table below.

City of Austin	2010	2012	Total % Change
Census	790,390	842,592	6.60
TWDB draft**	792,400	823,712	3.95

**Estimate assuming sum of Travis, Hays, Williamson projections and assuming a constant growth rate from 2010 to 2020.

- Cedar Park – Cedar Park provided support data (located in the folder “Cedar Park”) that a portion of the “Travis County Other” projections should be included within the Cedar Park service area. Cedar Park also anticipates reaching build out by year 2040. Region K requests that the TWDB revise the population accordingly.
- County Other – revisions to County-Other population for Travis reflect adjustments for the 1.0 migration scenario for the County Total and requested population revisions to the other WUGs within Travis County.
- Lakeway – Lakeway responded (located in the folder “Lakeway”) that they anticipate buildout to occur sooner than TWDB’s projections reflect, but that the total population would ultimately be lower in 2070. Region K requests that the TWDB revise the population accordingly.
- Leander – The City of Leander has experienced explosive growth rates due to the City’s vicinity to the Austin Metro area and the vast quantity of undeveloped land surrounding the City. Leander has annexed large portions of land, currently in varying stages of development, and thus the acreage located within the City Limits increased from 14,446 in 2010 to 17,814 acres in 2013 (a 23% increase.) The US Census indicates Leander’s population increased 12.6% between April 1, 2010 and July 1, 2012. Region K and Region G consultants collaborated on Leander’s population projections and agreed to a split between the regions.

Region K Population and Municipal Demand Revision Request Summary – July 26, 2013

- Travis County WCID #17 – Travis County WCID#17 provided evidence that their current connections and resulting population are higher than the TWDB draft projections (see documentation included in “Travis County WCID #17” folder.) Region K reduced the projections proposed by Travis County WCID #17 using the following annual growth rates and base population: start at 24,351 for 2011 (2011 Water Use Survey reported population), 4% growth per year to 2020, 2% growth per year to 2030, 1% growth per year to 2040, then .8% growth per year to 2070.
- Wells Branch MUD – It was discovered that Wells Branch is located exclusively in Region K. Wells Branch MUD anticipates a buildout in 2020 in Travis County but at a higher population than the draft TWDB projection due to ongoing construction activities. Region K requests that the TWDB revise projections accordingly.
- West Lake Hills – West Lake Hills communicated that they anticipate buildout in 2020 and population should cap at 2020 TWDB population projection.
- Williamson Travis-County MUD #1 – Williamson-Travis County MUD #1 is located within the service area of Cedar Park. Documentation provided by the MUD (and located in the folder named “WTC_MUD_1) indicates that WTCMUD#1 is fully built out and should be maintained at the 2010 Census value.

Wharton County – no revisions requested.

Williamson County –

Austin – No population changes, but GPCD adjustments per City of Austin documentation.

County-Other – Population from Wells Branch MUD transferred to County-Other.

Wells Branch MUD – It was discovered that Wells Branch is located exclusively in Region K. Wells Branch MUD anticipates a buildout in 2020 in Williamson County but at lower population than the draft TWDB projection. Region K requests that the TWDB revise projections accordingly.