

Table 4-19									
Projected Water Demands, Supplies, and Needs									
Victoria County									
South Central Texas Region									
Basin	Source	Projections							
		Total in 2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)	
Municipal Demand									
San Antonio Basin									
Rural		5	5	6	7	7	7	7	7
Subtotal		5	5	6	7	7	7	7	7
Guadalupe Basin									
Victoria		7,573	8,013	8,505	8,860	9,092	9,361	9,650	
Rural		1,365	1,520	1,686	1,821	1,912	1,998	2,095	
Subtotal		8,938	9,533	10,191	10,681	11,004	11,359	11,745	
Lavaca Basin									
Rural		5	5	6	6	7	7	7	7
Subtotal		5	5	6	6	7	7	7	7
Lavaca-Guadalupe Coastal Basin									
Victoria		3,696	3,911	4,151	4,324	4,438	4,569	4,710	
Rural		1,020	1,136	1,260	1,360	1,428	1,493	1,565	
Subtotal		4,716	5,047	5,411	5,684	5,866	6,062	6,275	
Total Municipal Demand		13,664	14,590	15,614	16,378	16,884	17,435	18,034	
Municipal Existing Supply									
San Antonio Basin									
Rural	Gulf Coast	6	6	6	6	6	6	6	6
Subtotal		6	6	6	6	6	6	6	6
Guadalupe Basin									
Victoria	Gulf Coast	2,830	2,830	2,830	2,830	2,830	2,830	2,830	
	Run-of-River (GBRA)	831	831	831	831	831	831	831	
	Run-of-River	1,002	1,002	1,002	1,002	1,002	1,002	1,002	
Victoria Subtotal		4,663	4,663	4,663	4,663	4,663	4,663	4,663	
Rural	Gulf Coast	1,706	1,706	1,706	1,706	1,706	1,706	1,706	1,706
Subtotal		6,369	6,369	6,369	6,369	6,369	6,369	6,369	6,369
Lavaca Basin									
Rural	Gulf Coast	6	6	6	6	6	6	6	6
Subtotal		6	6	6	6	6	6	6	6
Lavaca-Guadalupe Coastal Basin									
Victoria	Gulf Coast	1,381	1,381	1,381	1,381	1,381	1,381	1,381	1,381
	Run-of-River (GBRA)	409	409	409	409	409	409	409	409
	Run-of-River	494	494	494	494	494	494	494	494
Victoria Subtotal		2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284
Rural	Gulf Coast	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275
Subtotal		3,559	3,559	3,559	3,559	3,559	3,559	3,559	3,559
Total Municipal Existing Supply		9,940	9,940	9,940	9,940	9,940	9,940	9,940	9,940
Municipal Surplus/Shortage									
San Antonio Basin									
Rural		1	1	0	-1	-1	-1	-1	-1
Subtotal		1	1	0	-1	-1	-1	-1	-1
Guadalupe Basin									
Victoria		-2,910	-3,350	-3,842	-4,197	-4,429	-4,698	-4,987	
Rural		341	186	20	-115	-206	-292	-389	
Subtotal		-2,569	-3,164	-3,822	-4,312	-4,635	-4,990	-5,376	
Lavaca Basin									
Rural		1	1	0	0	-1	-1	-1	-1
Subtotal		1	1	0	0	-1	-1	-1	-1

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Victoria County								
South Central Texas Region								
Basin	Source	Total in	Projections					
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Lavaca-Guadalupe Coastal Basin								
Victoria		-1,412	-1,627	-1,867	-2,040	-2,154	-2,285	-2,426
Rural		255	139	15	-85	-153	-218	-290
	Subtotal	-1,157	-1,488	-1,852	-2,125	-2,307	-2,503	-2,716
Total Municipal Surplus/Shortage		-3,724	-4,650	-5,674	-6,438	-6,944	-7,495	-8,094
Municipal New Supply Need								
San Antonio Basin								
Rural		0	0	0	1	1	1	1
	Subtotal	0	0	0	1	1	1	1
Guadalupe Basin								
Victoria		2,910	3,350	3,842	4,197	4,429	4,698	4,987
Rural		0	0	0	115	206	292	389
	Subtotal	2,910	3,350	3,842	4,312	4,635	4,990	5,376
Lavaca Basin								
Rural		0	0	0	0	1	1	1
	Subtotal	0	0	0	0	1	1	1
Lavaca-Guadalupe Coastal Basin								
Victoria		1,412	1,627	1,867	2,040	2,154	2,285	2,426
Rural		0	0	0	85	153	218	290
	Subtotal	1,412	1,627	1,867	2,125	2,307	2,503	2,716
Total Municipal New Supply Need		4,322	4,977	5,709	6,438	6,944	7,495	8,094
Industrial Demand								
San Antonio Basin								
Guadalupe Basin		24,323	28,726	32,095	35,035	37,962	40,578	43,520
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin								
Total Industrial Demand		24,323	28,726	32,095	35,035	37,962	40,578	43,520
Industrial Existing Supply								
San Antonio Basin								
Guadalupe Basin	Run-of-River	35,942	35,942	35,942	35,942	35,942	35,942	35,942
	Gulf Coast	790	790	790	790	790	790	790
Guadalupe Basin Subtotal		36,732	36,732	36,732	36,732	36,732	36,732	36,732
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin								
Total Industrial Existing Supply		36,732	36,732	36,732	36,732	36,732	36,732	36,732
Industrial Surplus/Shortage								
San Antonio Basin								
Guadalupe Basin		12,409	8,006	4,637	1,697	-1,230	-3,846	-6,788
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin								
Total Industrial Surplus/Shortage		12,409	8,006	4,637	1,697	-1,230	-3,846	-6,788
Industrial New Supply Need								
San Antonio Basin								
Guadalupe Basin		0	0	0	0	1,230	3,846	6,788
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin								
Total Industrial New Supply Need		0	0	0	0	1,230	3,846	6,788
Steam-Electric Demand								
San Antonio Basin								
Guadalupe Basin		2,197	2,026	1,741	2,035	2,394	2,832	3,365
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin								
Total Steam-Electric Demand		2,197	2,026	1,741	2,035	2,394	2,832	3,365

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Victoria County								
South Central Texas Region								
Basin	Source	Total in	Projections					
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Steam-Electric Existing Supply								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin	Run-of-River	1,159	1,159	1,159	1,159	1,159	1,159	1,159
	Gulf Coast	2,856	2,856	2,856	2,856	2,856	2,856	2,856
Guadalupe Basin Subtotal		4,015	4,015	4,015	4,015	4,015	4,015	4,015
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Steam-Electric Existing Supply		4,015	4,015	4,015	4,015	4,015	4,015	4,015
Steam-Electric Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		1,818	1,989	2,274	1,980	1,621	1,183	650
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Steam-Electric Surplus/Shortage		1,818	1,989	2,274	1,980	1,621	1,183	650
Steam-Electric New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Steam-Electric New Supply Need		0	0	0	0	0	0	0
Irrigation Demand								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		979	1,450	1,253	1,081	932	805	695
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		5,729	8,486	7,323	6,321	5,456	4,709	4,064
Total Irrigation Demand		6,708	9,936	8,576	7,402	6,388	5,514	4,759
Irrigation Supply								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin	Run-of-River	1,407	1,407	1,407	1,407	1,407	1,407	1,407
	Gulf Coast	691	1,024	885	763	658	568	491
Guadalupe Basin Subtotal		2,098	2,431	2,292	2,170	2,065	1,975	1,898
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin	Gulf Coast	5,729	8,486	7,323	6,321	5,456	4,709	4,064
Total Irrigation Supply		7,827	10,917	9,615	8,491	7,521	6,684	5,962
Irrigation Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		1,119	981	1,039	1,089	1,133	1,170	1,203
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Irrigation Surplus/Shortage		1,119	981	1,039	1,089	1,133	1,170	1,203
Irrigation New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Irrigation New Supply Need		0	0	0	0	0	0	0
Mining Demand								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		2,267	2,965	3,391	3,688	3,990	4,301	4,541
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		748	979	1,120	1,218	1,318	1,420	1,500
Total Mining Demand		3,015	3,944	4,511	4,906	5,308	5,721	6,041
Mining Supply								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin	Gulf Coast	2,267	2,965	3,391	3,688	3,990	4,301	4,541
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin	Gulf Coast	748	979	1,120	1,218	1,318	1,420	1,500
Total Mining Supply		3,015	3,944	4,511	4,906	5,308	5,721	6,041

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Victoria County								
South Central Texas Region								
Basin	Source	Projections						
		Total in 2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Mining Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Mining Surplus/Shortage		0	0	0	0	0	0	0
Mining New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Mining New Supply Need		0	0	0	0	0	0	0
Livestock Demand								
San Antonio Basin		61	61	61	61	61	61	61
Guadalupe Basin		507	507	507	507	507	507	507
Lavaca Basin		5	5	5	5	5	5	5
Lavaca-Guadalupe Coastal Basin		512	512	512	512	512	512	512
Total Livestock Demand		1,085	1,085	1,085	1,085	1,085	1,085	1,085
Livestock Supply								
San Antonio Basin	Local	61	61	61	61	61	61	61
Guadalupe Basin	Local	507	507	507	507	507	507	507
Lavaca Basin	Local	5	5	5	5	5	5	5
Lavaca-Guadalupe Coastal Basin	Local	512	512	512	512	512	512	512
Total Livestock Supply		1,085	1,085	1,085	1,085	1,085	1,085	1,085
Livestock Surplus/Shortage								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Livestock Surplus/Shortage		0	0	0	0	0	0	0
Livestock New Supply Need								
San Antonio Basin		0	0	0	0	0	0	0
Guadalupe Basin		0	0	0	0	0	0	0
Lavaca Basin		0	0	0	0	0	0	0
Lavaca-Guadalupe Coastal Basin		0	0	0	0	0	0	0
Total Livestock New Supply Need		0	0	0	0	0	0	0
Total Victoria County Demand								
Municipal		13,664	14,590	15,614	16,378	16,884	17,435	18,034
Industrial		24,323	28,726	32,095	35,035	37,962	40,578	43,520
Steam-Electric		2,197	2,026	1,741	2,035	2,394	2,832	3,365
Irrigation		6,708	9,936	8,576	7,402	6,388	5,514	4,759
Mining		3,015	3,944	4,511	4,906	5,308	5,721	6,041
Livestock		1,085	1,085	1,085	1,085	1,085	1,085	1,085
Total County Demand		50,992	60,307	63,622	66,841	70,021	73,165	76,804
Total Victoria County Supply								
Municipal		9,940	9,940	9,940	9,940	9,940	9,940	9,940
Industrial		36,732	36,732	36,732	36,732	36,732	36,732	36,732
Steam-Electric		4,015	4,015	4,015	4,015	4,015	4,015	4,015
Irrigation		7,827	10,917	9,615	8,491	7,521	6,684	5,962
Mining		3,015	3,944	4,511	4,906	5,308	5,721	6,041
Livestock		1,085	1,085	1,085	1,085	1,085	1,085	1,085
Total County Supply		62,614	66,633	65,898	65,169	64,601	64,177	63,775
Total Victoria County Surplus/Shortage								
Municipal		-3,724	-4,650	-5,674	-6,438	-6,944	-7,495	-8,094
Industrial		12,409	8,006	4,637	1,697	-1,230	-3,846	-6,788
Steam-Electric		1,818	1,989	2,274	1,980	1,621	1,183	650
Irrigation		1,119	981	1,039	1,089	1,133	1,170	1,203
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Total County Surplus/Shortage		11,622	6,326	2,276	-1,672	-5,420	-8,988	-13,029

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Victoria County								
South Central Texas Region								
Basin	Source	Total in	Projections					
		2000 (acft)	2010 (acft)	2020 (acft)	2030 (acft)	2040 (acft)	2050 (acft)	2060 (acft)
Lavaca-Guadalupe								
Municipal		3,559	3,559	3,559	3,559	3,559	3,559	3,559
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		5,729	8,486	7,323	6,321	5,456	4,709	4,064
Mining		748	979	1,120	1,218	1,318	1,420	1,500
Livestock		512	512	512	512	512	512	512
Unallocated Groundwater Supply		12,637	9,649	10,671	11,575	12,340	12,985	13,550
Total Lavaca-Guadalupe Basin Supply		23,185	23,185	23,185	23,185	23,185	23,185	23,185
Total Basin Surplus/Shortage								
San Antonio								
Municipal		1	1	0	-1	-1	-1	-1
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		0	0	0	0	0	0	0
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		1,794	1,794	1,794	1,794	1,794	1,794	1,794
Total San Antonio Basin Surplus/Shortage		1,795	1,795	1,794	1,793	1,793	1,793	1,793
Guadalupe								
Municipal		-2,569	-3,164	-3,822	-4,312	-4,635	-4,990	-5,376
Industrial		12,409	8,006	4,637	1,697	-1,230	-3,846	-6,788
Steam-Electric		1,818	1,989	2,274	1,980	1,621	1,183	650
Irrigation		1,119	981	1,039	1,089	1,133	1,170	1,203
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		6,147	5,116	4,830	4,654	4,457	4,236	4,073
Total Guadalupe Basin Surplus/Shortage		18,924	12,929	8,958	5,108	1,346	-2,247	-6,237
Lavaca								
Municipal		1	1	0	0	-1	-1	-1
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		0	0	0	0	0	0	0
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		265	265	265	265	265	265	265
Total Lavaca Basin Surplus/Shortage		266	266	265	265	264	264	264
Lavaca-Guadalupe								
Municipal		-1,157	-1,488	-1,852	-2,125	-2,307	-2,503	-2,716
Industrial		0	0	0	0	0	0	0
Steam-Electric		0	0	0	0	0	0	0
Irrigation		0	0	0	0	0	0	0
Mining		0	0	0	0	0	0	0
Livestock		0	0	0	0	0	0	0
Unallocated Groundwater Supply		12,637	9,649	10,671	11,575	12,340	12,985	13,550
Total Lavaca-Guadalupe Basin Surplus/Shortage		11,480	8,161	8,819	9,450	10,033	10,482	10,834
Groundwater Supplies								
Available								
Guadalupe	Gulf Coast	18,669	18,669	18,669	18,669	18,669	18,669	18,669
Lavaca	Gulf Coast	271	271	271	271	271	271	271
Lavaca-Guadalupe	Gulf Coast	20,389	20,389	20,389	20,389	20,389	20,389	20,389
San Antonio	Gulf Coast	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Total Available		41,129	41,129	41,129	41,129	41,129	41,129	41,129
Allocated								
Guadalupe	Gulf Coast	12,522	13,553	13,839	14,015	14,212	14,433	14,596
Lavaca	Gulf Coast	6	6	6	6	6	6	6
Lavaca-Guadalupe	Gulf Coast	7,752	10,740	9,718	8,814	8,049	7,404	6,839
San Antonio	Gulf Coast	6	6	6	6	6	6	6
Total Allocated		20,287	24,305	23,570	22,842	22,273	21,850	21,447
Total Unallocated		20,842	16,824	17,559	18,287	18,856	19,279	19,682