

Appendix 4A
Comparison of Supply and Demand by Water User Group
(Values in Acre-Feet per Year)

County	Basin	WUG	Demand 2010	Demand 2020	Demand 2030	Demand 2040	Demand 2050	Demand 2060	Supply 2010	Supply 2020	Supply 2030	Supply 2040	Supply 2050	Supply 2060	Surplus (Need) 2010	Surplus (Need) 2020	Surplus (Need) 2030	Surplus (Need) 2040	Surplus (Need) 2050	Surplus (Need) 2060	
ANDREWS	COLORADO	ANDREWS	3,087	3,263	3,371	3,467	3,515	3,585	2,416	2,555	2,641	2,717	2,755	2,812	(671)	(708)	(730)	(750)	(760)	(773)	
		COUNTY-OTHER	531	551	559	566	570	580	531	551	559	566	570	580	580	0	0	0	0	0	0
		IRRIGATION	32,608	32,334	32,062	31,788	31,516	31,245	18,514	18,270	18,136	19,252	19,183	19,080	19,080	(14,094)	(14,064)	(13,926)	(12,536)	(12,333)	(12,165)
			LIVESTOCK	360	360	360	360	360	360	360	360	360	360	360	360	0	0	0	0	0	0
			MINING	1,845	1,893	1,911	1,929	1,946	1,969	1,845	1,893	1,911	1,929	1,946	1,969	0	0	0	0	0	0
		RIO GRANDE	COUNTY-OTHER	7	7	7	8	8	8	7	7	7	8	8	8	0	0	0	0	0	0
		LIVESTOCK	78	78	78	78	78	78	78	78	78	78	78	78	0	0	0	0	0	0	
		MINING	63	64	65	65	66	67	120	120	120	120	120	120	57	56	55	55	54	53	
BORDEN	BRAZOS	COUNTY-OTHER	14	14	14	12	11	10	14	14	14	12	11	10	0	0	0	0	0	0	
		IRRIGATION	1,103	1,102	1,100	1,099	1,097	1,096	84	84	84	86	87	88	(1,019)	(1,018)	(1,016)	(1,013)	(1,010)	(1,008)	
		LIVESTOCK	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0
		COLORADO	COUNTY-OTHER	161	165	155	136	125	113	164	165	164	164	164	164	3	0	9	28	39	51
	IRRIGATION		1,587	1,585	1,582	1,581	1,578	1,577	759	759	759	759	759	759	(828)	(826)	(823)	(822)	(819)	(818)	
	LIVESTOCK		271	271	271	271	271	271	271	271	271	271	271	271	271	0	0	0	0	0	0
		MINING	690	658	646	635	625	612	1,014	1,014	1,014	1,014	1,014	1,014	324	356	368	379	389	402	
BROWN	BRAZOS	COUNTY-OTHER	12	12	12	12	12	12	12	12	12	12	12	12	0	0	0	0	0	0	
		LIVESTOCK	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0
		MINING	41	42	42	42	42	42	41	42	42	42	42	42	42	0	0	0	0	0	0
		COLORADO	BANGS	265	266	262	256	254	254	265	266	262	256	254	254	0	0	0	0	0	0
	BROWNWOOD		3,896	3,927	3,889	3,816	3,792	3,792	3,896	3,927	3,889	3,816	3,792	3,792	3,792	0	0	0	0	0	0
	COLEMAN COUNTY WSC		19	19	19	18	18	18	19	19	19	18	18	18	18	0	0	0	0	0	0
			COUNTY-OTHER	342	342	336	327	324	324	238	238	232	223	220	220	(104)	(104)	(104)	(104)	(104)	(104)
			EARLY	799	812	810	801	797	797	1,228	1,228	1,228	1,228	1,228	1,228	429	416	418	427	431	431
			IRRIGATION	12,313	12,272	12,230	12,189	12,146	12,105	9,307	9,290	9,284	9,284	9,278	9,264	(3,006)	(2,982)	(2,946)	(2,905)	(2,868)	(2,841)
			LIVESTOCK	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	1,604	0	0	0	0	0	0
			MANUFACTURING	577	636	686	734	775	837	577	636	686	734	775	837	0	0	0	0	0	0
			MINING	2,446	2,462	2,468	2,474	2,480	2,488	2,446	2,462	2,468	2,474	2,480	2,488	0	0	0	0	0	0
			ZEPHYR WSC	399	404	399	391	387	387	616	616	616	616	616	616	217	212	217	225	229	229
		BROOKESMITH SUD	1,374	1,391	1,384	1,357	1,348	1,348	1,413	1,412	1,413	1,413	1,413	1,414	39	21	29	56	65	66	
COKE	COLORADO	BRONTE VILLAGE	245	258	254	250	249	249	116	129	125	121	120	120	(129)	(129)	(129)	(129)	(129)	(129)	
		COUNTY-OTHER	175	162	159	154	152	152	147	130	159	148	143	137	137	(28)	(32)	0	(6)	(9)	(15)
		IRRIGATION	936	936	934	933	933	933	573	573	573	573	573	573	573	(363)	(363)	(361)	(360)	(360)	(360)
		LIVESTOCK	593	593	593	593	593	593	593	593	593	593	593	593	593	0	0	0	0	0	0
		MINING	488	528	550	572	593	614	402	409	548	548	550	542	542	(86)	(119)	(2)	(24)	(43)	(72)
		ROBERT LEE	351	346	342	338	336	336	263	238	347	324	309	288	288	(88)	(108)	5	(14)	(27)	(48)
		STEAM ELECTRIC POWER	310	247	289	339	401	477	0	0	0	0	0	0	0	(310)	(247)	(289)	(339)	(401)	(477)
COLEMAN	COLORADO	COLEMAN	1,285	1,269	1,252	1,235	1,223	1,223	0	0	0	0	0	0	(1,285)	(1,269)	(1,252)	(1,235)	(1,223)	(1,223)	
		COLEMAN COUNTY WSC	357	348	339	329	326	326	1,381	1,381	1,381	1,382	1,382	1,382	1,382	1,024	1,033	1,042	1,053	1,056	1,056
		COUNTY-OTHER	19	19	18	18	18	18	0	0	0	0	0	0	0	(19)	(19)	(18)	(18)	(18)	(18)
		IRRIGATION	1,379	1,379	1,379	1,379	1,379	1,379	31	31	31	31	31	31	31	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)
		LIVESTOCK	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	0	0	0	0	0	0
		MANUFACTURING	6	6	6	6	6	6	0	0	0	0	0	0	0	(6)	(6)	(6)	(6)	(6)	(6)
		MINING	18	19	19	19	19	19	1	1	1	1	1	1	1	(17)	(18)	(18)	(18)	(18)	(18)
		SANTA ANNA	200	197	193	190	187	187	307	307	307	307	307	307	307	107	110	114	117	120	120
		BROOKESMITH SUD	13	13	12	12	12	12	13	13	12	12	12	12	0	0	0	0	0	0	
CONCHO	COLORADO	COUNTY-OTHER	188	193	191	189	188	188	219	221	221	221	221	221	221	31	28	30	32	33	33
		EDEN	559	572	569	562	559	559	574	572	572	572	572	572	572	15	0	3	10	13	13
		IRRIGATION	4,297	4,280	4,262	4,245	4,229	4,213	5,265	5,265	5,265	5,265	5,265	5,265	5,265	968	985	1,003	1,020	1,036	1,052
		LIVESTOCK	775	775	775	775	775	775	775	775	775	775	775	775	775	0	0	0	0	0	0
		MILLERSVIEW-DOOLE WSC	126	127	124	119	118	118	168	161	199	188	188	188	188	42	34	75	69	(42)	(42)

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CRANE	RIO GRANDE	COUNTY-OTHER	316	387	425	452	484	518	316	387	425	452	484	518	0	0	0	0	0	0	
		CRANE	940	1,002	1,028	1,045	1,072	1,105	940	1,002	1,028	1,045	1,072	1,105	0	0	0	0	0	0	
		IRRIGATION	337	337	337	337	337	337	337	337	337	337	337	337	337	0	0	0	0	0	0
		LIVESTOCK	155	155	155	155	155	155	155	155	155	155	155	155	155	0	0	0	0	0	0
		MINING	2,221	2,216	2,214	2,212	2,210	2,208	2,221	2,216	2,214	2,212	2,210	2,208	2,208	0	0	0	0	0	0
CROCKETT	COLORADO	LIVESTOCK	30	30	30	30	30	30	30	30	30	30	30	30	0	0	0	0	0	0	
	RIO GRANDE	COUNTY-OTHER	43	41	40	38	37	36	43	41	40	38	37	36	0	0	0	0	0	0	
		CROCKETT COUNTY WCID #1	1,664	1,790	1,825	1,832	1,872	1,913	2,503	2,503	2,503	2,503	2,503	2,503	2,503	839	713	678	671	631	590
		IRRIGATION	525	518	508	498	492	482	535	535	535	535	535	535	535	10	17	27	37	43	53
		LIVESTOCK	967	967	967	967	967	967	967	967	967	967	967	967	967	0	0	0	0	0	0
		MINING	402	421	431	441	450	459	402	421	431	441	441	450	459	0	0	0	0	0	0
		STEAM ELECTRIC POWER	973	776	907	1,067	1,262	1,500	1,500	1,500	1,500	1,500	1,500	1,500	527	724	593	433	238	0	
ECTOR	COLORADO	COUNTY-OTHER	5,542	6,513	7,266	7,738	7,928	8,007	5,812	6,783	7,536	8,008	8,198	8,277	270	270	270	270	270	270	
		ECTOR COUNTY UD	1,480	1,847	2,177	2,473	2,706	2,932	1,080	1,234	2,166	2,322	2,434	2,454	(400)	(613)	(11)	(151)	(272)	(478)	
		IRRIGATION	5,477	5,412	5,348	5,281	5,219	5,152	5,477	5,412	5,348	5,281	5,219	5,152	0	0	0	0	0	0	
		LIVESTOCK	198	198	198	198	198	198	198	198	198	198	198	198	198	0	0	0	0	0	0
		MANUFACTURING	2,743	2,946	3,107	3,248	3,357	3,471	2,677	2,797	3,104	3,202	3,271	3,313	(66)	(149)	(3)	(46)	(86)	(158)	
		MINING	9,702	10,321	10,706	11,080	11,447	11,745	9,702	10,321	10,706	11,080	11,447	11,745	0	0	0	0	0	0	
		ODESSA	21,508	22,084	22,626	23,335	24,355	25,559	17,116	11,697	17,743	17,433	17,632	17,446	(4,392)	(10,387)	(4,883)	(5,902)	(6,723)	(8,113)	
			STEAM ELECTRIC POWER	6,375	9,125	10,668	12,549	14,842	17,637	6,375	6,375	6,375	6,375	6,375	6,375	0	(2,750)	(4,293)	(6,174)	(8,467)	(11,262)
	RIO GRANDE	COUNTY-OTHER	178	190	202	211	219	227	178	190	202	211	219	227	227	0	0	0	0	0	0
		IRRIGATION	56	54	54	54	52	52	56	54	54	54	52	52	52	0	0	0	0	0	0
		LIVESTOCK	95	95	95	95	95	95	95	95	95	95	95	95	95	0	0	0	0	0	0
MANUFACTURING		16	17	18	19	19	20	16	17	18	19	19	20	20	0	0	0	0	0	0	
		MINING	186	198	205	212	219	225	372	372	372	372	372	372	186	174	167	160	153	147	
GLASSCOCK	COLORADO	COUNTY-OTHER	181	196	203	200	197	201	181	196	203	200	197	201	0	0	0	0	0	0	
		IRRIGATION	52,272	51,854	51,438	51,021	50,603	50,190	24,488	24,473	24,466	24,469	24,472	24,468	(27,784)	(27,381)	(26,972)	(26,552)	(26,131)	(25,722)	
		LIVESTOCK	232	232	232	232	232	232	232	232	232	232	232	232	232	0	0	0	0	0	0
		MINING	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0
HOWARD	COLORADO	BIG SPRING	6,016	6,077	6,035	5,945	5,915	5,915	4,671	4,405	6,011	5,646	5,424	5,119	(1,345)	(1,672)	(24)	(299)	(491)	(796)	
		COAHOMA	183	185	183	180	177	177	134	124	182	169	159	148	(49)	(61)	(1)	(11)	(18)	(29)	
		COUNTY-OTHER	1,109	1,110	1,092	1,065	1,048	1,048	1,153	1,153	1,153	1,153	1,153	1,153	1,153	44	43	61	88	105	105
		IRRIGATION	4,799	4,744	4,690	4,635	4,581	4,527	4,862	4,862	4,862	4,862	4,862	4,862	4,862	63	118	172	227	281	335
		LIVESTOCK	366	366	366	366	366	366	366	366	366	366	366	366	366	0	0	0	0	0	0
		MANUFACTURING	1,648	1,753	1,832	1,910	1,976	2,099	1,471	1,452	1,843	1,839	1,852	1,879	1,879	(177)	(301)	11	(71)	(124)	(220)
		MINING	1,783	1,883	1,924	1,963	2,001	2,052	1,383	1,360	1,915	1,862	1,830	1,767	1,767	(400)	(523)	(9)	(101)	(171)	(285)
IRION	COLORADO	COUNTY-OTHER	109	109	103	94	87	83	109	109	103	94	87	83	0	0	0	0	0	0	
		IRRIGATION	2,803	2,742	2,682	2,621	2,561	2,501	1,501	1,501	1,501	1,501	1,501	1,501	1,501	(1,302)	(1,241)	(1,181)	(1,120)	(1,060)	(1,000)
		LIVESTOCK	460	460	460	460	460	460	460	460	460	460	460	460	460	0	0	0	0	0	0
		MERTZON	129	130	124	114	107	102	139	139	139	139	139	139	139	10	9	15	25	32	37
		MINING	122	122	122	122	122	122	122	122	122	122	122	122	122	0	0	0	0	0	0
KIMBLE	COLORADO	COUNTY-OTHER	212	207	203	196	194	194	203	200	200	200	200	200	200	(9)	(7)	(3)	4	6	6
		IRRIGATION	985	948	913	877	841	807	1,771	1,771	1,771	1,771	1,771	1,771	1,771	786	823	858	894	930	964
		JUNCTION	936	935	926	917	910	910	0	0	0	0	0	0	0	(936)	(935)	(926)	(917)	(910)	(910)
		LIVESTOCK	668	668	668	668	668	668	668	668	668	668	668	668	668	0	0	0	0	0	0
		MANUFACTURING	702	767	823	880	932	1,002	3	3	3	3	3	3	3	(699)	(764)	(820)	(877)	(929)	(999)
		MINING	71	67	65	63	61	60	104	104	104	104	104	104	104	33	37	39	41	43	44
LOVING	RIO GRANDE	COUNTY-OTHER	11	11	10	10	10	10	11	11	10	10	10	10	0	0	0	0	0	0	
		IRRIGATION	581	580	576	575	573	572	583	583	583	583	583	583	583	2	3	7	8	10	11
		LIVESTOCK	70	70	70	70	70	70	70	70	70	70	70	70	70	0	0	0	0	0	0
		MINING	2	2	2	2	2	2	3	3	3	3	3	3	3	1	1	1	1	1	1

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MARTIN	COLORADO	COUNTY-OTHER	377	403	411	412	399	378	377	403	411	412	399	378	0	0	0	0	0	0	
		IRRIGATION	14,324	14,073	13,822	13,571	13,321	13,075	13,536	13,509	13,500	13,571	13,321	13,075	(788)	(564)	(322)	0	0	0	
		LIVESTOCK	273	273	273	273	273	273	273	273	273	273	273	273	273	0	0	0	0	0	0
		MANUFACTURING	39	41	42	43	44	47	39	41	42	43	44	47	0	0	0	0	0	0	
		MINING	674	645	634	624	615	603	705	705	705	705	705	705	705	31	60	71	81	90	102
		STANTON	411	440	447	448	433	411	19	18	18	18	18	18	18	(392)	(422)	(429)	(430)	(415)	(393)
MASON	COLORADO	COUNTY-OTHER	190	187	183	178	176	177	190	190	190	190	190	190	0	3	7	12	14	13	
		IRRIGATION	10,079	9,936	9,792	9,648	9,505	9,363	16,099	16,099	16,099	16,099	16,099	16,099	16,099	6,020	6,163	6,307	6,451	6,594	6,736
		LIVESTOCK	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	1,036	0	0	0	0	0	0
		MASON	742	739	733	727	722	723	766	765	766	766	766	766	766	24	26	33	39	44	43
		MINING	6	6	6	6	6	6	6	6	6	6	6	6	6	0	0	0	0	0	0
MCCULLOCH	COLORADO	BRADY	1,879	1,893	1,874	1,854	1,842	1,842	1,009	1,009	1,009	1,009	1,009	1,009	1,009	(870)	(884)	(865)	(845)	(833)	(833)
		COUNTY-OTHER	12	12	12	12	12	12	12	12	12	12	12	12	12	0	0	0	0	0	0
		IRRIGATION	2,824	2,789	2,754	2,718	2,683	2,649	6,103	6,103	6,103	6,103	6,103	6,103	6,103	3,279	3,314	3,349	3,385	3,420	3,454
		LIVESTOCK	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	0	0	0	0	0	0
		MANUFACTURING	844	929	1,004	1,075	1,137	1,233	844	929	1,004	1,075	1,137	1,233	0	0	0	0	0	0	
		MILLERSVIEW-DOOLEE WSC	248	245	239	230	228	228	309	312	386	364	148	148	148	61	67	147	134	(80)	(80)
		MINING	154	159	162	165	168	171	154	159	162	165	168	171	0	0	0	0	0	0	
		RICHLAND SUD	113	113	111	109	108	108	186	186	186	186	186	186	186	73	73	75	77	78	78
MENARD	COLORADO	COUNTY-OTHER	104	102	99	97	96	96	84	81	80	80	80	80	(20)	(21)	(19)	(17)	(16)	(16)	
		IRRIGATION	6,061	6,041	6,022	6,003	5,981	5,962	3,620	3,620	3,620	3,620	3,620	3,620	3,620	(2,441)	(2,421)	(2,402)	(2,383)	(2,361)	(2,342)
		LIVESTOCK	642	642	642	642	642	642	642	642	642	642	642	642	642	0	0	0	0	0	0
		MENARD	354	353	347	341	339	339	304	304	304	304	304	304	304	(50)	(49)	(43)	(37)	(35)	(35)
MIDLAND	COLORADO	COUNTY-OTHER	3,210	3,543	3,773	3,920	4,019	4,143	3,210	3,543	3,773	3,920	4,019	4,143	0	0	0	0	0	0	
		IRRIGATION	41,493	41,170	40,848	40,526	40,203	39,884	25,260	24,811	24,500	24,272	24,091	23,891	23,891	(16,233)	(16,359)	(16,348)	(16,254)	(16,112)	(15,993)
		LIVESTOCK	904	904	904	904	904	904	904	904	904	904	904	904	904	0	0	0	0	0	0
		MANUFACTURING	164	182	198	213	226	245	164	182	198	213	226	245	0	0	0	0	0	0	
		MIDLAND	28,939	30,056	30,804	31,246	31,631	32,112	23,061	22,871	10,473	10,246	10,021	9,795	9,795	(5,878)	(7,185)	(20,331)	(21,000)	(21,610)	(22,317)
		MINING	677	778	846	915	986	1,046	677	778	846	915	986	1,046	0	0	0	0	0	0	0
		ODESSA	419	603	724	810	867	925	306	403	720	761	780	774	774	(113)	(200)	(4)	(49)	(87)	(151)
		MITCHELL	997	980	949	914	879	826	997	999	1,001	1,004	1,008	1,013	1,013	0	19	52	90	129	187
MITCHELL	COLORADO	COUNTY-OTHER	621	609	593	570	549	516	621	609	593	570	549	516	0	0	0	0	0	0	
		IRRIGATION	5,534	5,507	5,479	5,452	5,425	5,398	5,564	5,564	5,564	5,564	5,564	5,564	5,564	30	57	85	112	139	166
		LIVESTOCK	449	449	449	449	449	449	449	449	449	449	449	449	449	0	0	0	0	0	0
		LORAIN	85	82	79	75	71	67	110	110	110	110	110	110	110	25	28	31	35	39	43
		MINING	115	110	108	107	106	104	141	141	141	141	141	141	141	26	31	33	34	35	37
		STEAM ELECTRIC POWER	9,100	7,621	8,910	10,481	12,396	14,730	0	0	0	0	0	0	0	(9,100)	(7,621)	(8,910)	(10,481)	(12,396)	(14,730)
		PECOS	702	722	731	730	726	712	702	722	731	730	726	712	712	0	0	0	0	0	0
PECOS	RIO GRANDE	FORT STOCKTON	3,267	3,397	3,461	3,481	3,479	3,411	5,913	5,913	5,913	5,913	5,913	5,913	5,913	2,646	2,516	2,452	2,432	2,434	2,502
		IRAAN	452	469	478	480	479	470	567	567	567	567	567	567	567	115	98	89	87	88	97
		IRRIGATION	79,681	78,436	77,191	75,945	74,700	73,475	82,583	82,583	82,583	82,583	82,583	82,583	82,583	2,902	4,147	5,392	6,638	7,883	9,108
		LIVESTOCK	1,239	1,239	1,239	1,239	1,239	1,239	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1	1	1	1	1	1
		MANUFACTURING	2	2	2	2	2	2	3	3	3	3	3	3	3	1	1	1	1	1	1
		MINING	159	158	158	158	158	158	286	286	286	286	286	286	286	127	128	128	128	128	128
		PECOS COUNTY WCID #1	395	403	401	399	395	387	395	403	401	399	395	387	387	0	0	0	0	0	0
		REAGAN	910	988	1,026	1,010	970	923	478	478	478	478	478	478	478	(432)	(510)	(548)	(532)	(492)	(445)
REAGAN	COLORADO	COUNTY-OTHER	125	135	141	138	133	126	910	988	1,026	1,010	970	923	785	853	885	872	837	797	
		IRRIGATION	36,597	35,990	35,385	34,779	34,174	33,579	125	135	141	138	133	126	(36,472)	(35,855)	(35,244)	(34,641)	(34,041)	(33,453)	
		LIVESTOCK	253	253	253	253	253	253	25,600	25,383	25,269	25,220	25,198	25,186	25,186	25,347	25,130	25,016	24,967	24,945	24,933
		MINING	2,036	2,165	2,235	2,303	2,370	2,436	253	253	253	253	253	253	253	(1,783)	(1,912)	(1,982)	(2,050)	(2,117)	(2,183)
		RIO GRANDE	19	19	19	19	19	19	2,036	2,165	2,235	2,303	2,370	2,436	2,436	2,017	2,146	2,216	2,284	2,351	2,417

Appendix 4A
Comparison of Supply and Demand by Water User Group
(Values in Acre-Feet per Year)

County	Basin	WUG	Demand 2010	Demand 2020	Demand 2030	Demand 2040	Demand 2050	Demand 2060	Supply 2010	Supply 2020	Supply 2030	Supply 2040	Supply 2050	Supply 2060	Surplus (Need) 2010	Surplus (Need) 2020	Surplus (Need) 2030	Surplus (Need) 2040	Surplus (Need) 2050	Surplus (Need) 2060	
REEVES	RIO GRANDE	BALMORHEA	110	126	138	148	157	166	26	26	26	26	26	26	(84)	(100)	(112)	(122)	(131)	(140)	
		COUNTY-OTHER	219	192	171	152	136	124	122	132	139	148	157	166	(97)	(60)	(32)	(4)	21	42	
		IRRIGATION	103,069	102,196	101,323	100,448	99,575	98,710	219	200	186	170	154	142	(102,850)	(101,996)	(101,137)	(100,278)	(99,421)	(98,568)	
		LIVESTOCK	2,283	2,283	2,283	2,283	2,283	2,283	66,972	66,951	66,936	66,923	66,911	66,863	64,689	64,668	64,653	64,640	64,628	64,580	
		MADERA VALLEY WSC	695	700	702	703	705	711	2,283	2,283	2,283	2,283	2,283	2,283	1,588	1,583	1,581	1,580	1,578	1,572	
		MANUFACTURING	720	741	756	770	781	825	695	700	702	703	705	711	(25)	(41)	(54)	(67)	(76)	(114)	
		MINING	182	177	175	173	172	170	720	741	756	770	781	825	538	564	581	597	609	655	
		PECOS	2,810	3,064	3,261	3,413	3,573	3,712	182	177	175	173	172	170	(2,628)	(2,887)	(3,086)	(3,240)	(3,401)	(3,542)	
RUNNELS	COLORADO	BALLINGER	917	998	1,057	1,121	1,178	1,237	2,810	3,064	3,261	3,413	3,573	3,712	1,893	2,066	2,204	2,292	2,395	2,475	
		COLEMAN COUNTY WSC	18	30	39	48	56	66	0	0	0	0	0	0	(18)	(30)	(39)	(48)	(56)	(66)	
		COUNTY-OTHER	360	295	246	193	156	129	0	0	0	0	0	0	(360)	(295)	(246)	(193)	(156)	(129)	
		IRRIGATION	4,331	4,317	4,298	4,279	4,260	4,241	30	29	29	28	31	52	(4,301)	(4,288)	(4,269)	(4,251)	(4,229)	(4,189)	
		LIVESTOCK	1,530	1,530	1,530	1,530	1,530	1,530	2,973	2,973	2,973	2,973	2,973	2,973	1,443	1,443	1,443	1,443	1,443	1,443	
		MANUFACTURING	63	70	76	82	87	94	1,530	1,530	1,530	1,530	1,530	1,530	1,467	1,460	1,454	1,448	1,443	1,436	
		MILES	150	163	173	183	193	203	0	0	0	0	0	0	(150)	(163)	(173)	(183)	(193)	(203)	
		MILLERSVIEW-DOOLE WSC	94	93	93	91	92	93	134	134	134	134	134	134	40	41	41	43	42	41	
		MINING	44	45	45	45	45	45	125	118	149	141	56	56	81	73	104	96	11	11	
		WINTERS	552	561	566	571	575	591	44	45	45	45	45	45	(508)	(516)	(521)	(526)	(530)	(546)	
SCHLEICHER	COLORADO	COUNTY-OTHER	117	108	102	98	95	93	0	0	0	0	0	0	(117)	(108)	(102)	(98)	(95)	(93)	
		ELDORADO	581	644	671	675	691	711	117	108	102	98	95	93	(464)	(536)	(569)	(577)	(596)	(618)	
		IRRIGATION	1,750	1,716	1,680	1,645	1,609	1,575	710	710	710	710	710	711	(1,040)	(1,006)	(970)	(935)	(899)	(864)	
		LIVESTOCK	583	583	583	583	583	583	2,286	2,286	2,286	2,286	2,286	2,286	1,703	1,703	1,703	1,703	1,703	1,703	
		MINING	125	134	139	144	149	154	583	583	583	583	583	583	458	449	444	439	434	429	
		RIO GRANDE	COUNTY-OTHER	25	23	22	21	20	20	150	150	150	150	150	154	125	127	128	129	130	134
		IRRIGATION	358	351	344	337	330	322	25	23	22	21	20	20	(333)	(328)	(322)	(316)	(310)	(302)	
		LIVESTOCK	204	204	204	204	204	204	846	846	846	846	846	846	642	642	642	642	642	642	
SCURRY	BRAZOS	COUNTY-OTHER	316	318	317	313	312	312	204	204	204	204	204	204	(112)	(114)	(113)	(109)	(108)	(108)	
		IRRIGATION	788	762	736	710	684	659	316	318	317	313	312	312	(472)	(444)	(419)	(397)	(372)	(347)	
		LIVESTOCK	233	233	233	233	233	233	788	762	736	710	684	659	555	529	503	477	451	426	
		MINING	2,244	2,403	2,465	2,525	2,583	2,667	233	233	233	233	233	233	(2,011)	(2,170)	(2,232)	(2,292)	(2,350)	(2,434)	
	COLORADO	COUNTY-OTHER	558	562	560	553	552	552	2,921	2,921	2,921	2,921	2,921	2,921	2,363	2,359	2,361	2,368	2,369	2,369	
		IRRIGATION	2,027	1,961	1,894	1,827	1,760	1,696	504	496	559	541	532	519	(1,523)	(1,465)	(1,335)	(1,286)	(1,228)	(1,177)	
		LIVESTOCK	396	396	396	396	396	396	2,741	2,741	2,741	2,741	2,741	2,741	2,345	2,345	2,345	2,345	2,345	2,345	
		MINING	863	924	948	971	994	1,026	396	396	396	396	396	396	(467)	(528)	(552)	(575)	(598)	(630)	
SNYDER	2,792	2,834	2,844	2,829	2,832	2,832	959	959	959	971	994	1,026	(1,833)	(1,875)	(1,885)	(1,858)	(1,838)	(1,806)			
STERLING	COLORADO	COUNTY-OTHER	52	56	57	56	54	55	2,281	2,193	2,835	2,712	2,638	2,517	2,229	2,137	2,778	2,656	2,584	2,462	
		IRRIGATION	648	621	595	569	543	518	52	56	57	56	54	55	(596)	(565)	(538)	(513)	(489)	(463)	
		LIVESTOCK	503	503	503	503	503	503	745	745	745	745	745	745	242	242	242	242	242	242	
		MINING	590	600	605	610	615	620	503	503	503	503	503	503	(87)	(97)	(102)	(107)	(112)	(117)	
		STERLING CITY	297	321	330	330	319	324	590	600	605	610	615	620	293	279	275	280	296	296	
SUTTON	COLORADO	COUNTY-OTHER	54	56	56	55	54	54	297	321	330	330	319	324	243	265	274	275	265	270	
		IRRIGATION	561	551	540	530	518	507	54	56	56	55	54	54	(507)	(495)	(484)	(475)	(464)	(453)	
		LIVESTOCK	358	358	358	358	358	358	562	562	562	562	562	562	204	204	204	204	204	204	
		MINING	35	35	36	36	37	37	358	358	358	358	358	358	323	323	322	322	321	321	
	RIO GRANDE	COUNTY-OTHER	223	232	231	226	225	223	35	35	36	36	37	37	(188)	(197)	(195)	(190)	(188)	(186)	
		IRRIGATION	1,250	1,226	1,202	1,178	1,155	1,132	223	232	231	226	225	223	(1,027)	(994)	(971)	(952)	(930)	(909)	
		LIVESTOCK	438	438	438	438	438	438	1,250	1,232	1,232	1,232	1,232	1,232	812	794	794	794	794	794	
		MINING	45	47	47	48	48	49	438	438	438	438	438	438	393	391	391	390	390	389	
SONORA	1,195	1,252	1,252	1,236	1,235	1,222	45	47	47	48	48	49	(1,150)	(1,205)	(1,205)	(1,188)	(1,187)	(1,173)			

Appendix 4A
Comparison of Supply and Demand by Water User Group
(Values in Acre-Feet per Year)

County	Basin	WUG	Demand 2010	Demand 2020	Demand 2030	Demand 2040	Demand 2050	Demand 2060	Supply 2010	Supply 2020	Supply 2030	Supply 2040	Supply 2050	Supply 2060	Surplus (Need) 2010	Surplus (Need) 2020	Surplus (Need) 2030	Surplus (Need) 2040	Surplus (Need) 2050	Surplus (Need) 2060	
TOM GREEN	COLORADO	CONCHO RURAL WSC	695	873	990	1,048	1,091	1,103	1,919	1,919	1,919	1,919	1,919	1,919	1,224	1,046	929	871	828	816	
		COUNTY-OTHER	1,761	1,703	1,633	1,553	1,476	1,408	1,103	1,103	1,103	1,103	1,103	1,103	1,103	(658)	(600)	(530)	(450)	(373)	(305)
		IRRIGATION	104,621	104,362	104,107	103,852	103,593	103,338	1,720	1,720	1,720	1,720	1,720	1,720	1,720	(102,901)	(102,642)	(102,387)	(102,132)	(101,873)	(101,618)
		LIVESTOCK	1,978	1,978	1,978	1,978	1,978	1,978	57,531	57,531	57,531	57,531	57,531	57,531	57,531	55,553	55,553	55,553	55,553	55,553	55,553
		MANUFACTURING	2,226	2,498	2,737	2,971	3,175	3,425	1,978	1,978	1,978	1,978	1,978	1,978	1,978	(248)	(520)	(759)	(993)	(1,197)	(1,447)
		MILLERSVIEW-DOOLE WSC	238	263	291	319	359	408	0	0	0	0	0	0	0	(238)	(263)	(291)	(319)	(359)	(408)
		MINING	73	80	85	90	95	99	418	420	534	544	244	244	244	345	340	449	454	149	145
		SAN ANGELO	20,800	21,418	21,734	21,744	21,907	21,969	150	150	150	150	150	150	150	(20,650)	(21,268)	(21,584)	(21,594)	(21,757)	(21,819)
		STEAM ELECTRIC POWER	543	777	909	1,069	1,264	1,502	11,650	11,427	11,204	10,980	10,757	10,534	10,534	11,107	10,650	10,295	9,911	9,493	9,032
UPTON	COLORADO	COUNTY-OTHER	52	54	53	53	54	55	0	0	0	0	0	0	(52)	(54)	(53)	(53)	(54)	(55)	
		IRRIGATION	16,592	16,355	16,123	15,887	15,651	15,421	52	54	53	53	54	55	(16,540)	(16,301)	(16,070)	(15,834)	(15,597)	(15,366)	
		LIVESTOCK	78	78	78	78	78	78	5,920	5,904	5,900	5,895	5,889	5,882	5,842	5,826	5,822	5,817	5,811	5,804	
		MINING	2,011	2,025	2,030	2,035	2,040	2,046	78	78	78	78	78	78	78	(1,933)	(1,947)	(1,952)	(1,957)	(1,962)	(1,968)
	RIO GRANDE	COUNTY-OTHER	100	102	102	101	102	104	2,011	2,025	2,030	2,035	2,040	2,046	1,911	1,923	1,928	1,934	1,938	1,942	
		IRRIGATION	167	166	162	160	158	155	100	102	102	101	102	104	(67)	(64)	(60)	(59)	(56)	(51)	
		LIVESTOCK	134	134	134	134	134	134	199	199	199	199	199	199	65	65	65	65	65	65	
		MCCAMEY	559	606	621	629	648	668	134	134	134	134	134	134	(425)	(472)	(487)	(495)	(514)	(534)	
		MINING	651	655	657	659	660	662	1,071	1,070	1,070	1,071	1,070	1,069	420	415	413	412	410	407	
		RANKIN	231	245	248	250	255	261	651	655	657	659	660	662	420	410	409	409	405	401	
WARD	RIO GRANDE	COUNTY-OTHER	925	929	925	910	905	905	327	326	326	326	326	326	(598)	(603)	(599)	(584)	(579)	(580)	
		IRRIGATION	13,793	13,624	13,454	13,284	13,115	12,947	925	529	525	510	505	505	(12,868)	(13,095)	(12,929)	(12,774)	(12,610)	(12,442)	
		LIVESTOCK	126	126	126	126	126	126	8,266	8,651	7,733	6,745	6,210	6,059	8,140	8,525	7,607	6,619	6,084	5,933	
		MANUFACTURING	7	7	7	7	7	7	126	126	126	126	126	126	119	119	119	119	119	119	
		MINING	153	155	156	157	158	159	7	7	7	7	7	7	(146)	(148)	(149)	(150)	(151)	(152)	
		MONAHANS	2,559	2,592	2,597	2,572	2,564	2,564	153	155	156	157	158	159	(2,406)	(2,437)	(2,441)	(2,415)	(2,406)	(2,405)	
		STEAM ELECTRIC POWER	4,914	4,223	4,937	5,807	6,868	8,162	2,559	2,592	2,597	2,572	2,564	2,564	(2,355)	(1,631)	(2,340)	(3,235)	(4,304)	(5,598)	
WINKLER	COLORADO	LIVESTOCK	2	2	2	2	2	2	4,914	4,223	4,937	5,807	6,189	6,189	4,912	4,221	4,935	5,805	6,187	6,187	
	RIO GRANDE	COUNTY-OTHER	119	121	120	119	116	112	2	2	2	2	2	2	(117)	(119)	(118)	(117)	(114)	(110)	
		IRRIGATION	10,000	10,000	10,000	10,000	10,000	10,000	121	121	121	121	121	121	(9,879)	(9,879)	(9,879)	(9,879)	(9,879)	(9,879)	
		KERMIT	1,927	1,988	1,983	1,966	1,922	1,860	10,000	10,000	10,000	10,000	10,000	10,000	8,073	8,012	8,017	8,034	8,078	8,140	
		LIVESTOCK	149	149	149	149	149	149	3,943	3,943	3,943	3,943	3,943	3,943	3,794	3,794	3,794	3,794	3,794	3,794	
		MINING	928	895	883	872	861	847	167	167	167	167	167	167	(761)	(728)	(716)	(705)	(694)	(680)	
		WINK	331	341	341	338	331	320	1,878	1,878	1,878	1,878	1,878	1,878	1,878	1,547	1,537	1,537	1,540	1,547	1,558
		<i>Total</i>	<i>807,453</i>	<i>810,576</i>	<i>813,895</i>	<i>816,478</i>	<i>820,191</i>	<i>825,581</i>	<i>613,809</i>	<i>609,322</i>	<i>609,323</i>	<i>610,318</i>	<i>609,519</i>	<i>608,668</i>	<i>(193,644)</i>	<i>(201,254)</i>	<i>(204,572)</i>	<i>(206,160)</i>	<i>(210,672)</i>	<i>(216,913)</i>	