

RWA WUG Needs (Projected Demands less Existing Supplies) and Draft Water Management Strategies

WUG	2020	2030	2040	2050	2060	2070	WMS
Alamo Heights	796	848	820	807	805	805	Conservation, Edwards Transfers, Drought Management, Purchase from SAWS?
Cibola	0	1,814	3,139	4,438	5,764	7,066	Conservation, Purchase from CVLGC/SSLGC
Converse	903	1,111	1,297	1,272	1,265	1,264	Conservation, Edwards Transfers, Drought Management, Purchase from WWP?
Elmendorf	0	0	0	0	0	0	Conservation
La Vernia	0	0	0	0	0	0	Conservation
Live Oak	0	0	0	0	0	0	Conservation
Marion	0	0	0	0	0	0	Conservation
Schertz	0	1,183	2,868	4,583	6,414	8,218	Conservation, Purchase from SSLGC
Selma	0	16	104	191	270	345	Conservation, Purchase from WWP?
Shavano Park	425	555	677	797	909	1,013	Conservation, Edwards Transfers, Drought Management
Universal City	416	431	372	339	333	332	Conservation, Drought Management, Purchase from WWP?
Crystal Clear WSC	0	50	482	959	1,481	2,023	Conservation, Purchase from CRWA, Local GW (Wilcox), Local GW (Trinity)
East Central SUD	0	0	0	0	0	0	Conservation
Green Valley SUD	1,082	1,297	1,533	1,796	2,095	2,391	Conservation, Drought Management, Purchase from CRWA
SS WSC	0	0	0	0	0	234	Conservation, Brackish Wilcox for SS WSC, Local Carrizo Transfer

**Note: A zero value indicates that the WUG has sufficient existing supplies to meet projected water demands*

RWA Members without Water Demand Projections

San Antonio River Authority
Cibola Creek Municipal Authority

RWA Members that are Wholesale Water Providers (see attached Wholesale Water Provider tables)

Canyon Regional Water Authority
Springs Hill WSC
San Antonio Water System
Schertz-Seguin LGC

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Springs Hill Water Supply Corporation (SHWSC)						
SHWSC Projected Demands (acft/yr):						
	Year (acft)					
Water Purchaser	2020	2030	2040	2050	2060	2070
Springs Hill WSC	1,417	1,621	1,845	2,080	2,337	2,594
City of Seguin (served by SH WSC)	481	512	599	788	988	1,190
Guad Co-Other (served by SH WSC)	489	520	609	801	1,004	1,209
Crystal Clear WSC	50	50	50	50	50	50
Total Demand	2,437	2,703	3,102	3,719	4,379	5,043
SHWSC Supply:						
	Year (acft)					
Source	2020	2030	2040	2050	2060	2070
CRWA (Canyon Reservoir)	1,925	1,925	1,925	1,925	1,925	1,925
CRWA (Wells Ranch Groundwater)	100	100	100	100	100	100
GBRA (Canyon Reservoir)	2,850	2,850	2,850	2,850	2,850	2,850
Carrizo Aquifer (Guadalupe County)	1,107	1,107	1,107	1,107	1,107	1,107
Carrizo Aquifer (Gonzales County) (SSLGC)	722	722	722	722	722	722
Total Supply	6,704	6,704	6,704	6,704	6,704	6,704
SHWSC Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	4,267	4,001	3,602	2,985	2,325	1,661
SHWSC Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
WMSs						
Conservation						
Total Recommended WMS	0	0	0	0	0	0
Management Supplies with Recommended WMS	4,267	4,001	3,602	2,985	2,325	1,661
Alternative WMS						

Canyon Regional Water Authority (CRWA)						
CRWA Projected Demands (acft/yr):						
Lake Dunlap/Wells Ranch Group Current Demand	Year (acft)					
	2020	2030	2040	2050	2060	2070
San Antonio Water System	6,800	6,800	6,800	6,800	6,800	6,800
City of Cibolo	2,550	2,550	2,550	2,550	2,550	2,550
East Central WSC	1,900	1,900	1,900	1,900	1,900	1,900
Green Valley SUD	2,500	2,500	2,500	2,500	2,500	2,500
City of La Vernia	400	400	400	400	400	400
City of Marion	200	200	200	200	200	200
Springs Hills WSC	2,025	2,025	2,025	2,025	2,025	2,025
Crystal Clear WSC	800	1,540	1,540	1,540	1,540	1,540
Total Current Demand	17,175	17,915	17,915	17,915	17,915	17,915
Lake Dunlap/Wells Ranch Group Potential Future Demand	Year (acft)					
	2020	2030	2040	2050	2060	2070
San Antonio Water System (Wells Ranch - Phase 2)	2,854	2,854	2,854	2,854	2,854	2,854
City of Cibolo	0	0	0	0	0	0
East Central WSC		500	500	500	500	500
Green Valley SUD	3,490	4,490	4,490	8,490	8,490	13,490
City of La Vernia	0	25	81	133	184	229
City of Marion	0	0	0	0	0	0
Crystal Clear WSC	800	1,540	1,540	1,540	1,540	1,540
Total Future Demand	7,144	9,409	9,465	13,517	13,568	18,613
Lake Dunlap/Wells Ranch Group Total Demand	Year (acft)					
	2020	2030	2040	2050	2060	2070
San Antonio Water System	9,654	9,654	9,654	9,654	9,654	9,654
City of Cibolo	2,550	2,550	2,550	2,550	2,550	2,550
East Central WSC	1,900	2,400	2,400	2,400	2,400	2,400
Green Valley SUD	5,990	6,990	6,990	10,990	10,990	15,990
City of La Vernia	400	425	481	533	584	629
City of Marion	200	200	200	200	200	200
Springs Hills WSC	2,025	2,025	2,025	2,025	2,025	2,025
Crystal Clear WSC	1,600	3,080	3,080	3,080	3,080	3,080
Total Demand	24,319	27,324	27,380	31,432	31,483	36,528
CRWA Supply:						
	Year (acft)					
Source	2020	2030	2040	2050	2060	2070
GBRA - Lake Dunlap	10,575	10,575	10,575	10,575	10,575	10,575
Wells Ranch Phase I	5,200	5,200	5,200	5,200	5,200	5,200
Purchase from Springs Hill						
Run-of-River Water Rights	490	490	490	490	490	490
Total Supply	16,265	16,265	16,265	16,265	16,265	16,265
CRWA Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	(8,054)	(11,059)	(11,115)	(15,167)	(15,218)	(20,263)
CRWA Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Recommended WMS						
Conservation ¹						
CRWA Wells Ranch - Phase 2 ³	7,829	7,658	7,829	7,829	7,829	7,829
Hays/Caldwell PUA ³	2,182	2,634	1,634	3,744	3,744	3,744
Brackish Wilcox Groundwater for CRWA ³		636	1,596	1,901	2,196	2,196
CRWA Siesta Project		5,042	5,042	5,042	5,042	5,042
Total Recommended WMS	10,011	15,970	16,101	18,516	18,811	18,811
Management Supplies with Recommended WMS ²	1,957	4,911	4,986	3,349	3,593	-1,452
Alternative WMS ²						
CRWA Wells Ranch - Phase 2 ³	7,829	7,829	7,829	7,829	7,829	7,829
Hays/Caldwell PUA ³	8,025	8,025	8,025	8,025	8,025	8,025
Brackish Wilcox Groundwater for CRWA ³		14,700	14,700	14,700	14,700	14,700
HCPUA/TWA Joint	9,569	9,569	9,569	9,569	9,569	9,569
CRWA Projected Demands (acft/yr):						
	Year (acft)					
Hays Caldwell Area Current Demand	2020	2030	2040	2050	2060	2070

County Line SUD	1,308	1,308	1,308	1,308	1,308	1,308
Crystal Clear WSC	500	500	500	500	500	500
Martindale	190	190	190	190	190	190
Maxwell WSC	900	900	900	900	900	900
Total Current Demand	2,898	2,898	2,898	2,898	2,898	2,898
Hays Caldwell Area Future Demand	Year (acft)					
	2020	2030	2040	2050	2060	2070
County Line SUD	0	0	0	0	180	392
Crystal Clear WSC	0	0	0	0	0	0
Martindale	0	31	66	102	140	177
Maxwell WSC	0	0	0	0	0	0
Total Future Demand	0	31	66	102	320	569
Hays Caldwell Area Total Demand	Year (acft)					
	2020	2030	2040	2050	2060	2070
County Line SUD	1,308	1,308	1,308	1,308	1,488	1,700
Crystal Clear WSC	500	500	500	500	500	500
Martindale	190	221	256	292	330	367
Maxwell WSC	900	900	900	900	900	900
Total Demand	2,898	2,929	2,964	3,000	3,218	3,467
CRWA Supply:						
	Year (acft)					
Source	2020	2030	2040	2050	2060	2070
GBRA - Hays/Caldwell	2,038	2,038	2,038	2,038	2,038	2,038
Water Right Leases	540	540	540	540	540	540
Total Supply	2,578	2,578	2,578	2,578	2,578	2,578
CRWA Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	(320)	(351)	(386)	(422)	(640)	(889)
CRWA Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Recommended WMS						
Conservation ¹						
Hays/Caldwell PUA ³	1,000	2,000	3,000	3,000	3,000	3,000
Total Recommended WMS	1,000	2,000	3,000	3,000	3,000	3,000
Management Supplies with Recommended WMS ²	680	1,649	2,614	2,578	2,360	2,111
Alternative WMS ²						
HCPUA/TWA Joint	1,000	2,000	3,000	3,000	3,000	3,000
TOTAL HC PUA Supply	3,182	4,634	4,634	6,744	6,744	6,744

¹ Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWPG.

² Management Supplies and Alternative WMS are included in the event that Recommended WMS are not fully developed.

³For each aquifer in the region, the GCDs have adopted desired future conditions (DFCs). In some GCDs, full use of all groundwater supplies (permitted, grandfathered and exempt) may result in non-achievement of the DFCs for an aquifer. To ensure consistency with the DFCs, TWDB currently requires that groundwater availability for each aquifer be limited for planning purposes to the modeled available groundwater (MAG) for the aquifer. This has resulted, for planning purposes only, in adjustments to permit amounts, and a lack of firm water available for future permits in this plan for some areas for certain time periods. This should not be construed as recommending or requiring that GCDs make these adjustments, or deny future permit applications. SCTRWPG recognizes and supports the ability of permit holders to exercise their rights to groundwater use in accordance with their permits and it recognizes and supports the GCDs discretion to issue permits and grandfather historical users for amounts in excess of the MAG. SCTRWPG may not modify groundwater permits that GCDs have already issued or limit future permits that GCDs may issue. If the MAG is increased during or after this planning cycle, SCTRWPG may amend this Plan to adjust groundwater supply numbers that are affected by the new MAG amount.

Table 1

San Antonio Water System (SAWS) - Planned						
SAWS Projected Demands (acft/yr):						
Water Purchaser	Year (acft)					
	2020	2030	2040	2050	2060	2070
Balcones Heights	518	566	612	662	711	758
Castle Hills	395	375	359	351	350	349
China Grove	316	350	381	413	445	474
Elmendorf	311	397	478	556	629	696
Helotes	1,613	1,989	2,340	2,681	2,996	3,286
Hill Country Village	234	230	226	224	224	224
Hollywood Park	949	953	959	969	983	997
Leon Valley	558	579	600	624	652	678
Live Oak	1,803	1,806	1,794	1,787	1,786	1,786
Olmos Park	564	623	678	736	791	843
San Antonio	235,329	258,657	280,788	303,809	326,645	347,873
SAWS (outside of San Antonio)	30,536	34,094	37,530	41,060	44,554	47,826
Somerset	221	240	259	279	300	319
Terrell Hills	1,299	1,276	1,257	1,247	1,245	1,245
East Central WSC	3,640	3,640	3,640	3,640	3,640	3,640
Atascosa Rural WSC	120	120	120	120	120	120
Industrial (Bexar County)	15,076	15,076	15,076	15,076	15,076	15,076
Total Demand	293,482	320,971	347,097	374,234	401,147	426,190
SAWS Supply:						
Source	Year (acft)					
	2020	2030	2040	2050	2060	2070
Edwards Aquifer with EAHCP ¹	172,640	172,640	172,640	172,640	172,640	172,640
Carrizo Aquifer (Bexar County)	9,900	9,900	9,900	9,900	9,900	9,900
Carrizo Aquifer (Gonzales County)	11,688	11,688	11,688	11,688	11,688	11,688
Carrizo Aquifer (Gonzales County) - SSLGC Excess	4,475	3,024	3,742	3,815	3,810	3,810
Gonzales Co WSC	1,000	1,000	1,000	1,000	1,000	1,000
Trinity Aquifer ²	2,000	2,000	2,000	2,000	2,000	2,000
Direct Reuse ³	25,000	25,000	25,000	25,000	25,000	25,000
Run-of-River (San Antonio)	5,313	5,313	5,313	5,313	5,313	5,313
CRWA	9,654	9,654	9,654	9,654	9,654	9,654
GBRA (Canyon Reservoir)	4,000	4,000	0	0	0	0
Total Supply	245,670	244,219	240,937	241,010	241,005	241,005
SAWS Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	(47,812)	(76,752)	(106,160)	(133,224)	(160,142)	(185,185)
SAWS Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Recommended WMS						
Conservation - Based on SAWS system-wide gpcd ⁴	15,974	10,704	6,901	7,284	8,004	2,792
EAHCP ⁵	0	0	0	0	0	0
Brackish Wilcox Groundwater for SAWS	13,440	33,600	33,600	33,600	33,600	33,600
Expanded Local Carrizo	11,152	30,000	30,000	30,000	30,000	30,000
RCSP - Vista Ridge Consortium	50,000	50,000	50,000	50,000	50,000	50,000
Expanded Brackish Project	0	50,000	50,000	50,000	50,000	50,000
Direct Reuse Expansion	0	15,000	15,000	15,000	15,000	15,000
Water Resources Integration Pipeline ⁶	0	0	0	0	0	0
Drought Management	14,674	38,517	55,536	59,877	64,184	68,190
Advanced Meter Infrastructure	0	0	0	0	0	0
Total Recommended WMS	105,240	227,821	241,037	245,761	250,788	249,582
Management Supplies with Recommended WMS⁷	57,428	151,069	134,877	112,537	90,646	64,398
Alternative WMS⁷						
¹ Includes SAWS permits as presented in EAA's permit files, with full implementation of the EAHCP. ² Total permitted volume is 22,660; however, SAWS only considers 2,000 acft/yr to be a firm supply. ³ Amount excludes commitments to streams and lakes. ⁴ Municipal Conservation estimated using SAWS system-wide goal of 135 gpcd. ⁵ Includes all elements of the HCP (VISPO, conservation, SAWS ASR & Irrigation Transfers, and Critical Period Stage V). ⁶ Systems and pipelines have no associated firm yield, but are necessary to deliver new sources of supply to SAWS customers. ⁷ Management Supplies and Alternative WMS are included in the event that Recommended WMS are not fully developed.						

Table 2

San Antonio Water System (SAWS) - With MAG Limitations						
SAWS Projected Demands (acft/yr):						
	Year (acft)					
Water Purchaser	2020	2030	2040	2050	2060	2070
Balcones Heights	518	566	612	662	711	758
Castle Hills	395	375	359	351	350	349
China Grove	316	350	381	413	445	474
Elmendorf	311	397	478	556	629	696
Helotes	1,613	1,989	2,340	2,681	2,996	3,286
Hill Country Village	234	230	226	224	224	224
Hollywood Park	949	953	959	969	983	997
Leon Valley	558	579	600	624	652	678
Live Oak	1,803	1,806	1,794	1,787	1,786	1,786
Olmos Park	564	623	678	736	791	843
San Antonio	235,329	258,657	280,788	303,809	326,645	347,873
SAWS (outside of San Antonio)	30,536	34,094	37,530	41,060	44,554	47,826
Somerset	221	240	259	279	300	319
Terrell Hills	1,299	1,276	1,257	1,247	1,245	1,245
East Central WSC	3,640	3,640	3,640	3,640	3,640	3,640
Atascosa Rural WSC	120	120	120	120	120	120
Industrial (Bexar County)	15,076	15,076	15,076	15,076	15,076	15,076
Total Demand	293,482	320,971	347,097	374,234	401,147	426,190
SAWS Supply:						
	Year (acft)					
Source	2020	2030	2040	2050	2060	2070
Edwards Aquifer with EAHCP ¹	172,640	172,640	172,640	172,640	172,640	172,640
Carrizo Aquifer (Bexar County)	9,900	9,900	9,900	9,900	9,900	9,900
Carrizo Aquifer (Gonzales County)	11,688	11,418	11,688	11,688	11,688	11,688
Carrizo Aquifer (Gonzales County) - SSLGC Excess	4,475	3,024	3,742	3,815	3,810	3,810
Gonzales Co WSC	1,000	1,000	1,000	1,000	1,000	1,000
Trinity Aquifer ²	2,000	2,000	2,000	2,000	2,000	2,000
Direct Reuse ³	25,000	25,000	25,000	25,000	25,000	25,000
Run-of-River (San Antonio)	5,313	5,313	5,313	5,313	5,313	5,313
CRWA	9,654	9,654	9,654	9,654	9,654	9,654
GBRA (Canyon Reservoir)	4,000	4,000	0	0	0	0
Total Supply	245,670	243,949	240,937	241,010	241,005	241,005
SAWS Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	(47,812)	(77,022)	(106,160)	(133,224)	(160,142)	(185,185)
SAWS Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Recommended WMS						
Conservation - Based on SAWS system-wide gpcd ⁴	15,974	10,704	6,901	7,284	8,004	2,792
EAHCP ⁵	0	0	0	0	0	0
Brackish Wilcox Groundwater for SAWS ⁶	5,622	5,622	5,622	5,622	5,622	5,622
Expanded Local Carrizo ⁶	5,500	5,500	5,500	5,500	5,419	5,419
RCSP - Vista Ridge Consortium ⁶	19,442	24,240	28,711	32,685	34,894	34,894
Expanded Brackish Project ⁶	0	0	0	0	0	0
Direct Reuse Expansion	0	15,000	15,000	15,000	15,000	15,000
Water Resources Integration Pipeline ⁶	0	0	0	0	0	0
Drought Management	14,674	38,517	55,536	59,877	64,184	68,190
Advanced Meter Infrastructure	0	0	0	0	0	0
Seawater Desalination (75 MGD)				84,023	84,023	84,023
Total Recommended WMS	61,211	99,582	117,269	209,990	217,145	215,940
Management Supplies with Recommended WMS⁷	13,399	22,561	11,109	76,766	57,004	30,755
Alternative WMS⁷						
Brackish Wilcox Groundwater for SAWS	13,440	33,600	33,600	33,600	33,600	33,600
Expanded Local Carrizo	11,152	30,000	30,000	30,000	30,000	30,000
RCSP - Vista Ridge Consortium	50,000	50,000	50,000	50,000	50,000	50,000
Expanded Brackish Project	0	50,000	50,000	50,000	50,000	50,000
¹ Includes SAWS permits as presented in EAA's permit files, with full implementation of the EAHCP.						
² Total permitted volume is 22,660; however, SAWS only considers 2,000 acft/yr to be a firm supply.						
³ Amount excludes commitments to streams and lakes.						
⁴ Municipal Conservation estimated using SAWS system-wide goal of 135 gpcd.						
⁵ Includes all elements of the HCP (VISPO, conservation, SAWS ASR & Irrigation Transfers, and Critical Period Stage V).						
⁶ Systems and pipelines have no associated firm yield, but are necessary to deliver new sources of supply to SAWS customers.						
⁷ Management Supplies and Alternative WMS are included in the event that Recommended WMS are not fully developed.						
For each aquifer in the region, the GCDs have adopted desired future conditions (DFCs). In some GCDs, full use of all groundwater supplies (permitted, grandfathered and exempt) may result in non-achievement of the DFCs for an aquifer. To ensure consistency with the DFCs, TWDB currently requires that groundwater availability for each aquifer be limited for planning purposes to the modeled available groundwater (MAG) for the aquifer. This has resulted, for planning purposes only, in adjustments to permit amounts, and a lack of firm water available for future permits in this plan for some areas for certain time periods. This should not be construed as recommending or requiring that GCDs make these adjustments, or deny future permit applications. SCTRWP recognizes and supports the ability of permit holders to exercise their rights to groundwater use in accordance with their permits and it recognizes and supports the GCDs discretion to issue permits and grandfather historical users for amounts in excess of the MAG. SCTRWP may not modify groundwater permits that GCDs have already issued or limit future permits that GCDs may issue. If the MAG is increased during or after this planning cycle, SCTRWP may amend this Plan to adjust groundwater supply numbers that are affected by the new MAG amount.						

10/22/2014 DRAFT

Schertz-Seguin Local Government Corporation (SSLGC)						
SSLGC Projected Demands (acft/yr):						
Water Purchaser	Year (acft)					
	2020	2030	2040	2050	2060	2070
Schertz	7,000	7,000	7,000	7,000	7,000	7,000
Seguin	7,000	7,000	7,000	7,000	7,000	7,000
Selma	1,050	1,050	1,050	1,050	1,050	1,050
Springs Hill WSC	840	840	840	840	840	840
Converse	500	500	500	500	500	500
Universal City	800	800	800	800	800	800
Cibolo	1,000	2,000	3,000	3,000	3,000	3,000
Garden Ridge	150	150	150	150	150	150
SAWS - Excess Contract	4,475	3,024	3,742	3,815	3,810	3,810
Total Demand	22,815	22,364	24,082	24,155	24,150	24,150
SSLGC Supply:						
Source	Year (acft)					
	2020	2030	2040	2050	2060	2070
Carrizo Aquifer (Gonzales County) ¹	17,039	16,644	17,039	17,039	17,039	17,039
Total Supply	17,039	16,644	17,039	17,039	17,039	17,039
SSLGC Projected Needs:						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Total System Management Supplies/(Needs)	(5,776)	(5,720)	(7,043)	(7,116)	(7,112)	(7,112)
SSLGC Water Management Strategies (WMS) with Estimated Firm Yield (acft/yr):						
	Year (acft)					
	2020	2030	2040	2050	2060	2070
Recommended WMS						
Conservation ²	0	0	0	0	0	0
Expansion Carrizo Aquifer (Guadalupe County) ¹	5,720	5,720	5,720	5,720	5,720	5,720
Brackish Wilcox (Gonz Co)	56	0	1,323	1,396	1,392	1,392
Total Recommended WMS	5,776	5,720	7,043	7,116	7,112	7,112
Management Supplies with Recommended WMS⁴	0	0	0	0	0	0
Alternative WMS⁴						
Brackish Wilcox (Gonz Co)	5,000	5,000	5,000	5,000	5,000	5,000
¹ Permitted production as of September 2013, less 12% loss rate. ² Assigned by Water User Group (WUG) based on Municipal Conservation WMS recommended by SCTRWPG. ³ For each aquifer in the region, the GCDs have adopted desired future conditions (DFCs). In some GCDs, full use of all groundwater supplies (permitted, grandfathered and exempt) may result in non-achievement of the DFCs for an aquifer. To ensure consistency with the DFCs, TWDB currently requires that groundwater availability for each aquifer be limited for planning purposes to the modeled available groundwater (MAG) for the aquifer. This has resulted, for planning purposes only, in adjustments to permit amounts, and a lack of firm water available for future permits in this plan for some areas for certain time periods. This should not be construed as recommending or requiring that GCDs make these adjustments, or deny future permit applications. SCTRWPG recognizes and supports the ability of permit holders to exercise their rights to groundwater use in accordance with their permits and it recognizes and supports the GCDs discretion to issue permits and grandfather historical users for amounts in excess of the MAG. SCTRWPG may not modify groundwater permits that GCDs have already issued or limit future permits that GCDs may issue. If the MAG is increased during or after this planning cycle, SCTRWPG may amend this Plan to adjust groundwater supply numbers that are affected by the new MAG amount. ⁴ Management Supplies and Alternative WMS are included in the event that Recommended WMS are not fully developed.						