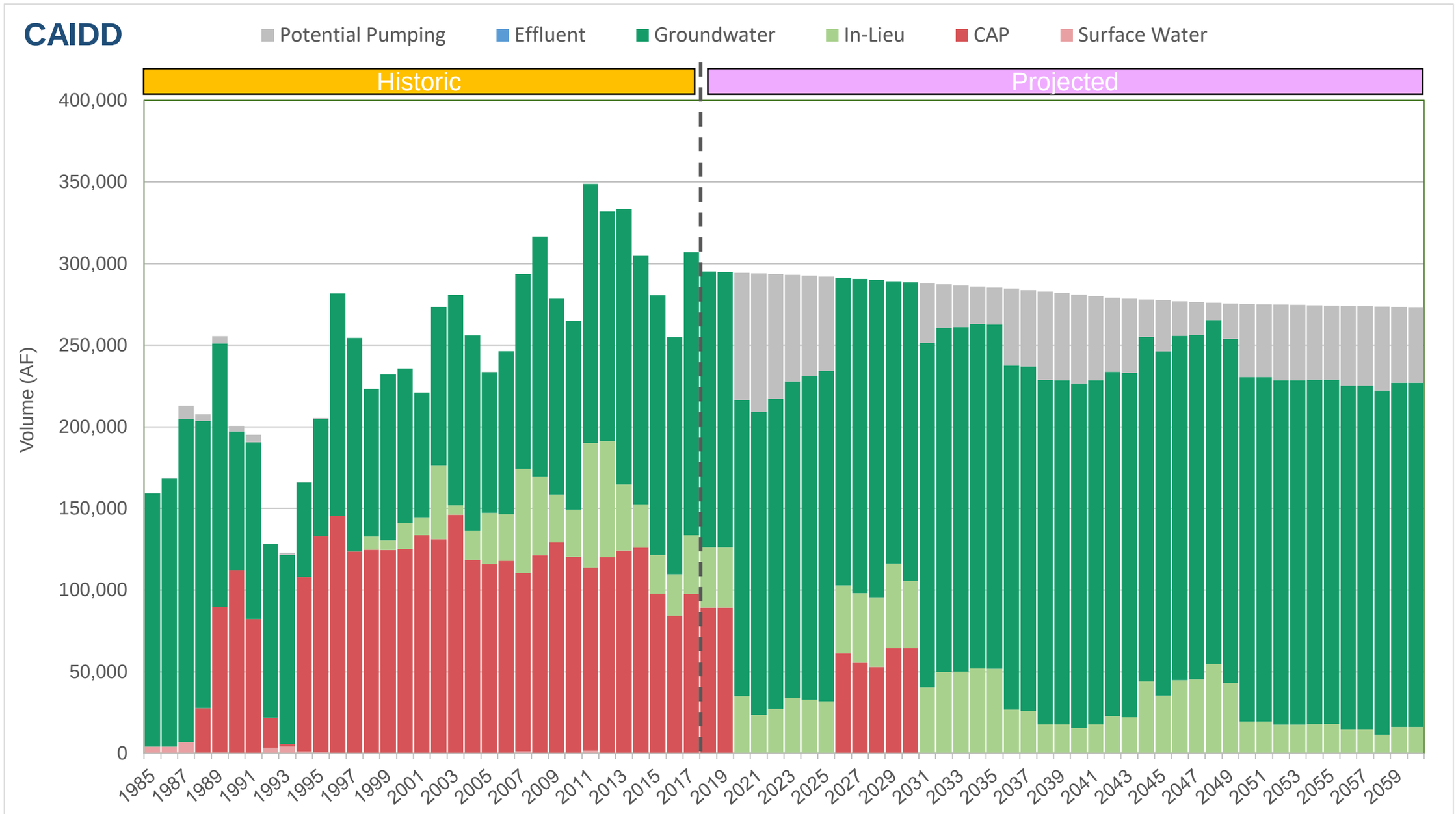
Central Arizona Project Service Area Model

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015. Pairwise comparison to Scenario C.



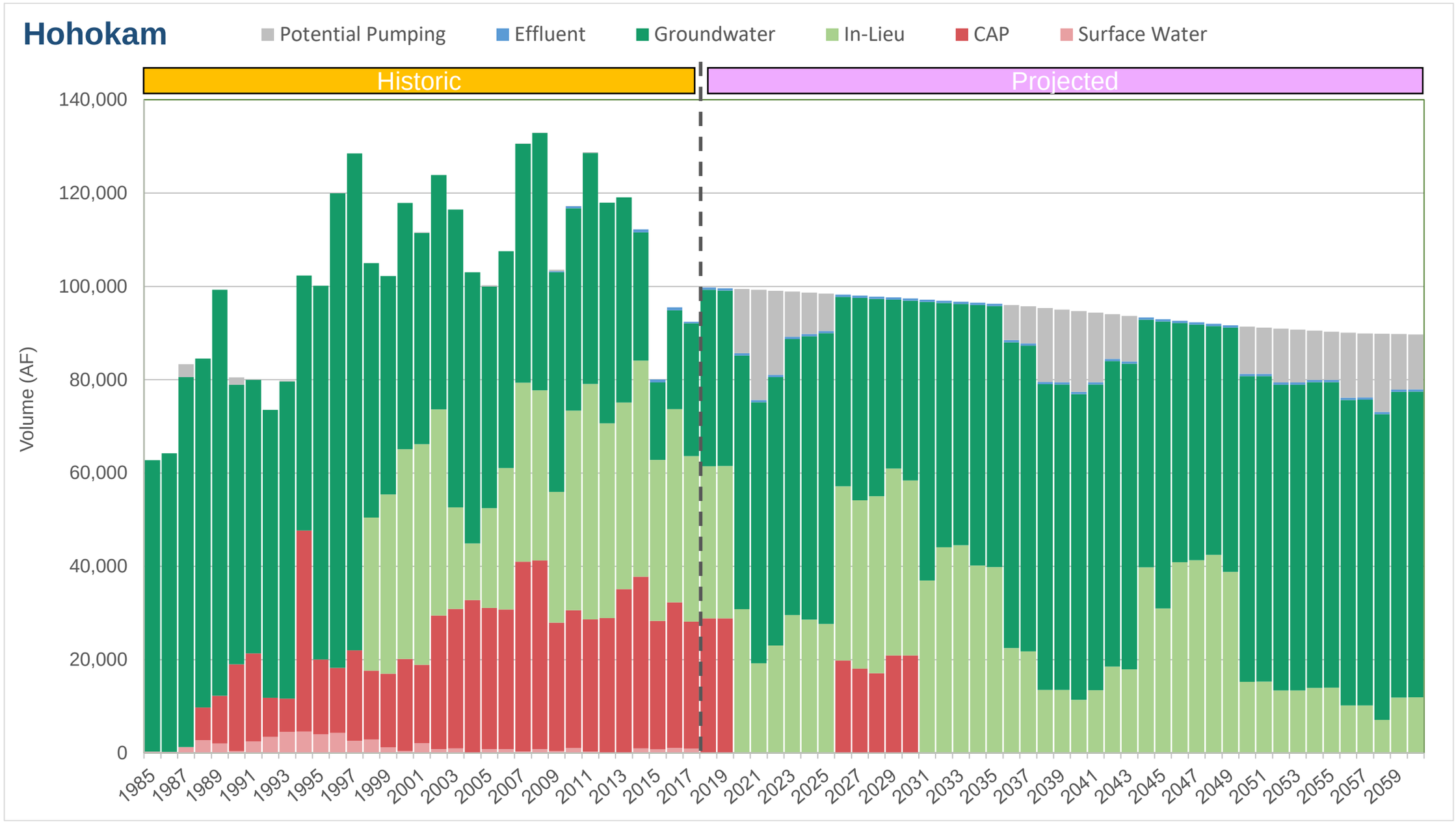
CAIDD

Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	89,223	36,878	168,989	0
2019	0	0	89,224	36,919	168,593	0
2020	0	0	0	35,046	181,406	77,910
2021	0	0	0	23,475	185,625	84,889
2022	0	0	0	27,279	189,843	76,419
2023	0	0	0	33,804	194,062	65,198
2024	0	0	0	32,829	198,281	61,472
2025	0	0	0	31,902	202,500	57,637
2026	0	0	61,242	41,575	188,533	0
2027	0	0	55,882	42,241	192,539	0
2028	0	0	52,930	42,175	194,867	0
2029	0	0	64,600	51,513	173,188	0
2030	0	0	64,600	41,016	183,009	0
2031	0	0	0	40,492	210,937	36,534
2032	0	0	0	49,710	210,937	26,650
2033	0	0	0	50,149	210,937	25,572
2034	0	0	0	51,938	210,937	23,138
2035	0	0	0	51,724	210,937	22,711
2036	0	0	0	26,726	210,937	47,061
2037	0	0	0	26,009	210,937	46,900
2038	0	0	0	17,734	210,937	54,221
2039	0	0	0	17,721	210,937	53,287
2040	0	0	0	15,624	210,937	54,431
2041	0	0	0	17,695	210,937	51,452
2042	0	0	0	22,726	210,937	45,506
2043	0	0	0	22,133	210,937	45,397
2044	0	0	0	44,011	210,937	23,009
2045	0	0	0	35,232	210,937	31,324
2046	0	0	0	44,777	210,937	21,301
2047	0	0	0	45,194	210,937	20,409
2048	0	0	0	54,563	210,937	10,547
2049	0	0	0	43,039	210,937	21,633
2050	0	0	0	19,492	210,937	44,888
2051	0	0	0	19,514	210,937	44,661
2052	0	0	0	17,639	210,937	46,308
2053	0	0	0	17,657	210,937	46,115
2054	0	0	0	17,951	210,937	45,622
2055	0	0	0	17,974	210,937	45,402
2056	0	0	0	14,400	210,937	48,748
2057	0	0	0	14,412	210,937	48,569
2058	0	0	0	11,336	210,937	51,476
2059	0	0	0	16,138	210,937	46,508
2060	0	0	0	16,158	210,937	46,292

Central Arizona Project Service Area Model

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015. Pairwise comparison to Scenario C.



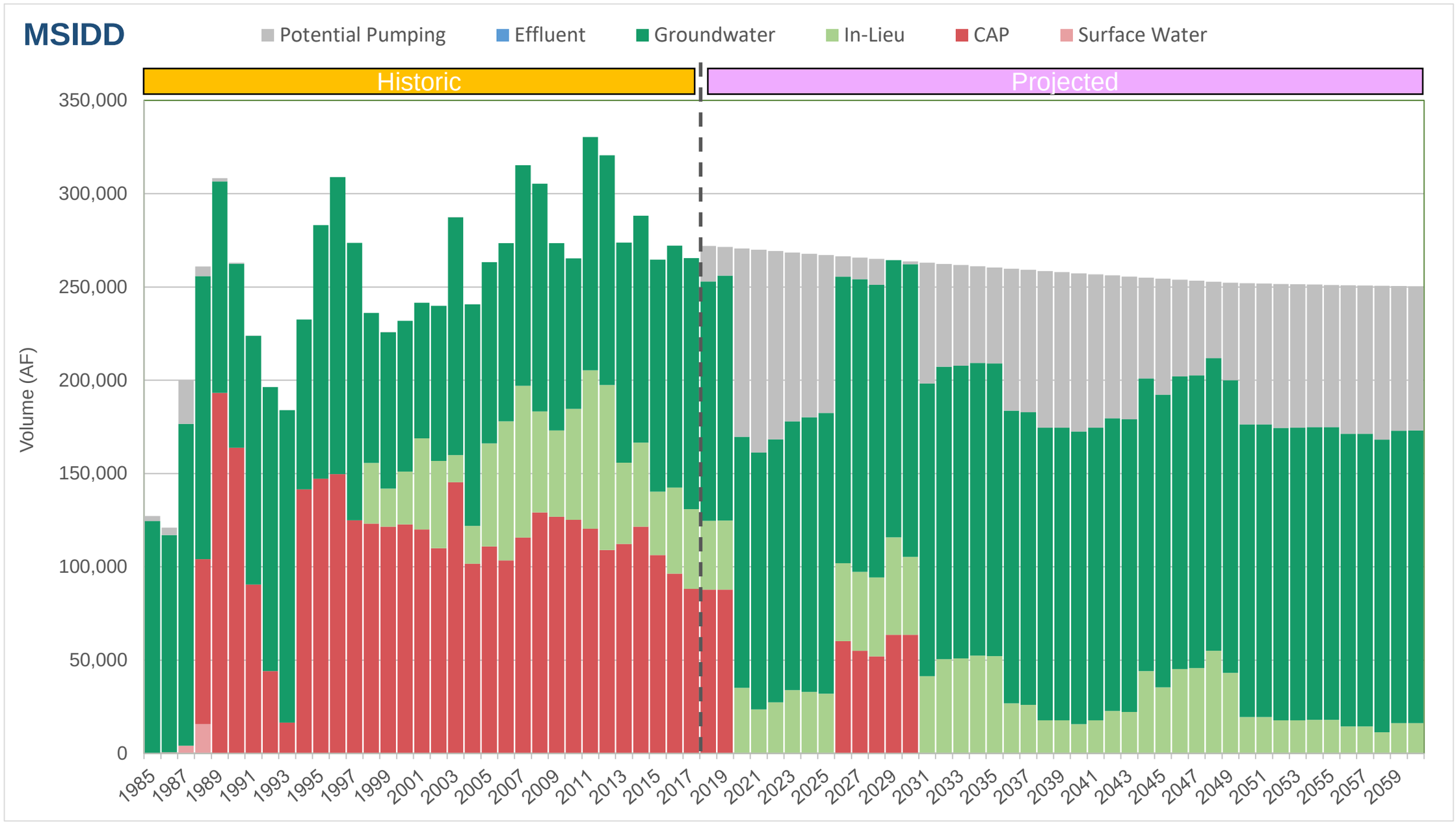
Hohokam

Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	490	0	28,837	32,633	37,821	0
2019	490	0	28,837	32,675	37,612	0
2020	490	0	0	30,802	54,350	13,797
2021	490	0	0	19,230	55,945	23,594
2022	490	0	0	23,034	57,541	18,002
2023	490	0	0	29,560	59,137	9,684
2024	490	0	0	28,584	60,732	8,865
2025	490	0	0	27,657	62,328	7,992
2026	490	0	19,793	37,330	40,639	0
2027	490	0	18,061	36,087	43,399	0
2028	490	0	17,107	37,930	42,294	0
2029	490	0	20,879	40,053	36,190	0
2030	490	0	20,879	37,497	38,534	0
2031	490	0	0	36,977	59,708	0
2032	490	0	0	44,095	52,355	0
2033	490	0	0	44,521	51,703	0
2034	490	0	0	40,181	55,815	0
2035	490	0	0	39,856	55,915	0
2036	490	0	0	22,481	65,519	7,542
2037	490	0	0	21,764	65,519	7,943
2038	490	0	0	13,489	65,519	15,871
2039	490	0	0	13,476	65,519	15,543
2040	490	0	0	11,379	65,519	17,295
2041	490	0	0	13,450	65,519	14,895
2042	490	0	0	18,481	65,519	9,533
2043	490	0	0	17,889	65,519	9,784
2044	490	0	0	39,766	53,066	0
2045	490	0	0	30,987	61,503	0
2046	490	0	0	40,881	51,266	0
2047	490	0	0	41,329	50,479	0
2048	490	0	0	42,439	49,026	0
2049	490	0	0	38,794	52,348	0
2050	490	0	0	15,247	65,519	10,120
2051	490	0	0	15,269	65,519	9,877
2052	490	0	0	13,394	65,519	11,524
2053	490	0	0	13,412	65,519	11,300
2054	490	0	0	13,945	65,519	10,557
2055	490	0	0	13,967	65,519	10,325
2056	490	0	0	10,155	65,519	13,922
2057	490	0	0	10,167	65,519	13,718
2058	490	0	0	7,091	65,519	16,733
2059	490	0	0	11,894	65,519	11,872
2060	490	0	0	11,913	65,519	11,786

Central Arizona Project Service Area Model

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015. Pairwise comparison to Scenario C.



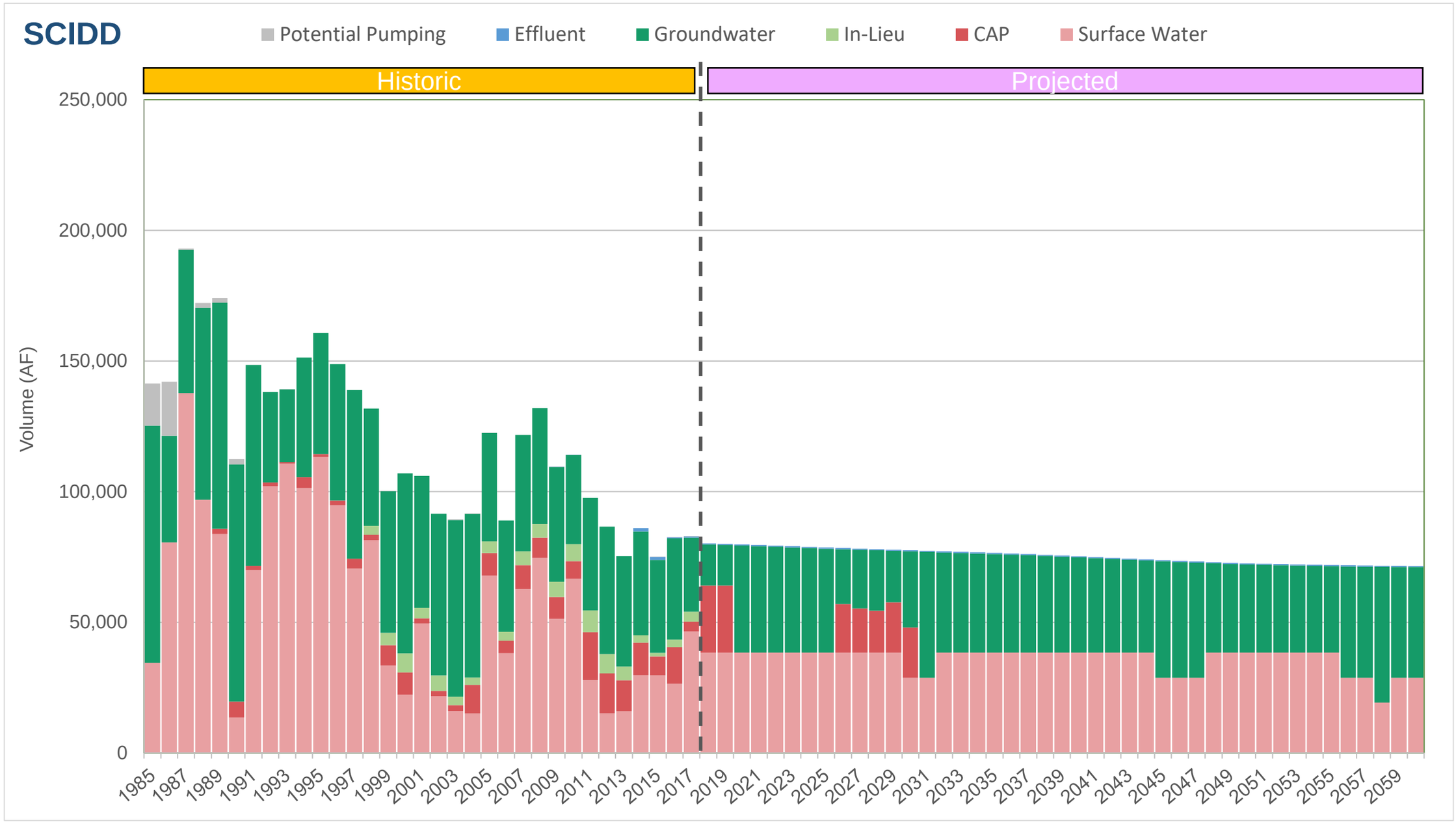
MSIDD

Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	0	0	87,707	36,994	128,180	19,172
2019	0	0	87,708	37,035	131,366	15,277
2020	0	0	0	35,156	134,551	100,979
2021	0	0	0	23,486	137,736	108,749
2022	0	0	0	27,344	140,922	100,979
2023	0	0	0	33,897	144,107	90,512
2024	0	0	0	32,915	147,293	87,572
2025	0	0	0	31,983	150,478	84,610
2026	0	0	60,200	41,691	153,664	10,831
2027	0	0	54,932	42,358	156,849	11,567
2028	0	0	52,030	42,292	156,849	13,853
2029	0	0	63,502	52,239	148,620	0
2030	0	0	63,502	41,859	156,849	1,484
2031	0	0	0	41,339	156,849	64,843
2032	0	0	0	50,436	156,849	55,080
2033	0	0	0	50,875	156,849	54,001
2034	0	0	0	52,450	156,849	51,779
2035	0	0	0	52,141	156,849	51,448
2036	0	0	0	26,769	156,849	76,170
2037	0	0	0	26,049	156,849	76,283
2038	0	0	0	17,734	156,849	83,984
2039	0	0	0	17,721	156,849	83,388
2040	0	0	0	15,624	156,849	84,868
2041	0	0	0	17,695	156,849	82,217
2042	0	0	0	22,752	156,849	76,572
2043	0	0	0	22,157	156,849	76,584
2044	0	0	0	44,124	156,849	54,028
2045	0	0	0	35,341	156,849	62,265
2046	0	0	0	45,244	156,849	51,802
2047	0	0	0	45,692	156,849	50,802
2048	0	0	0	54,942	156,849	40,986
2049	0	0	0	43,148	156,849	52,262
2050	0	0	0	19,492	156,849	75,619
2051	0	0	0	19,514	156,849	75,422
2052	0	0	0	17,639	156,849	77,100
2053	0	0	0	17,657	156,849	76,933
2054	0	0	0	17,951	156,849	76,464
2055	0	0	0	17,974	156,849	76,271
2056	0	0	0	14,400	156,849	79,648
2057	0	0	0	14,412	156,849	79,493
2058	0	0	0	11,336	156,849	82,426
2059	0	0	0	16,138	156,849	77,482
2060	0	0	0	16,158	156,849	77,291

Central Arizona Project Service Area Model

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015. Pairwise comparison to Scenario C.



SCIDD

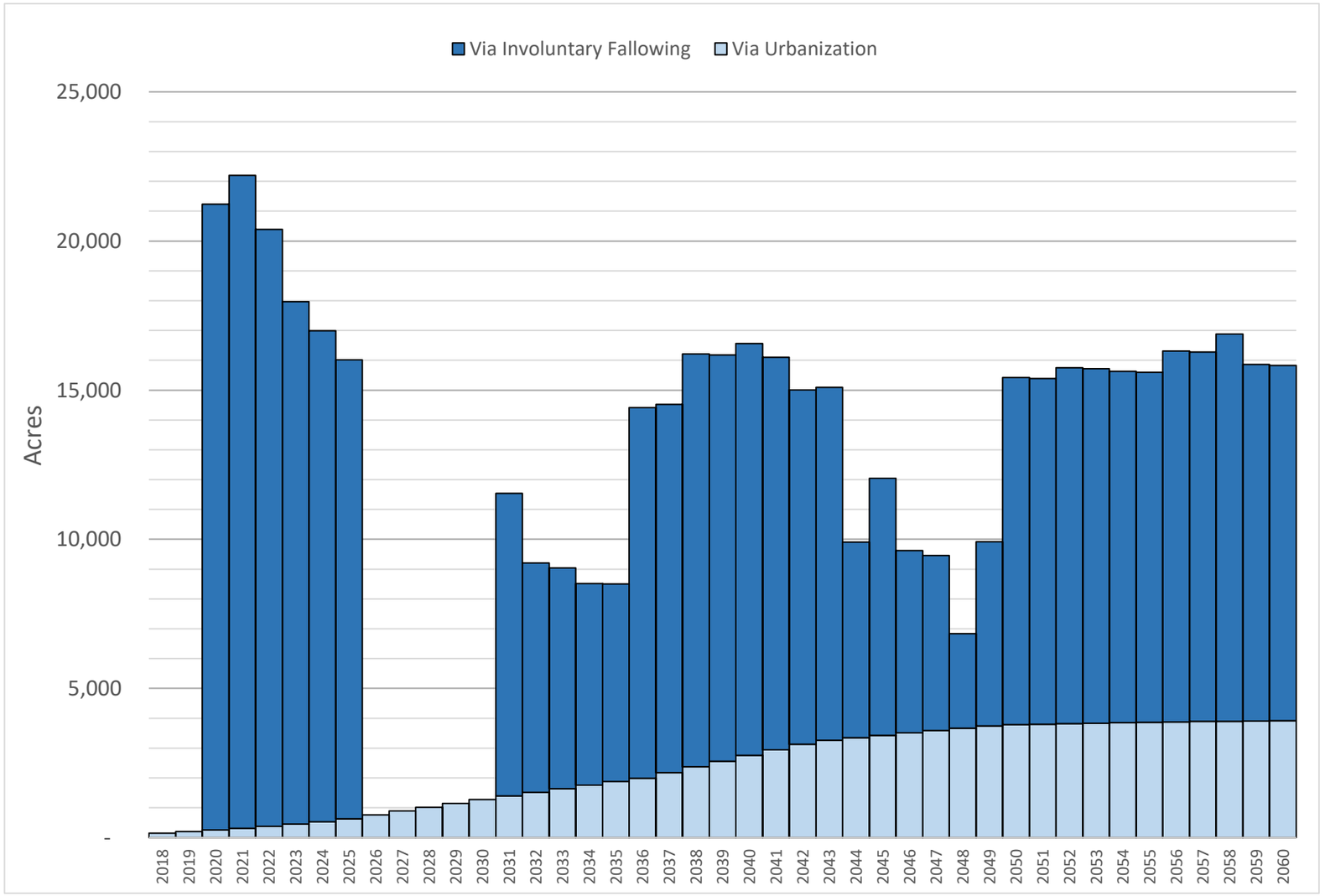
Date	Effluent	Surface Water	CAP	In-Lieu	Groundwater	Unknwon
2018	410	38,400	25,657	0	15,726	0
2019	410	38,400	25,657	0	15,522	0
2020	410	38,400	0	0	40,963	0
2021	410	38,400	0	0	40,744	0
2022	410	38,400	0	0	40,507	0
2023	410	38,400	0	0	40,265	0
2024	410	38,400	0	0	40,020	0
2025	410	38,400	0	0	39,789	0
2026	410	38,400	18,546	0	21,028	0
2027	410	38,400	16,919	0	22,443	0
2028	410	38,400	16,024	0	23,124	0
2029	410	38,400	19,243	0	19,699	0
2030	410	28,800	19,243	0	29,090	0
2031	410	28,800	0	0	48,128	0
2032	410	38,400	0	0	38,324	0
2033	410	38,400	0	0	38,127	0
2034	410	38,400	0	0	37,928	0
2035	410	38,400	0	0	37,731	0
2036	410	38,400	0	0	37,532	0
2037	410	38,400	0	0	37,263	0
2038	410	38,400	0	0	36,974	0
2039	410	38,400	0	0	36,685	0
2040	410	38,400	0	0	36,396	0
2041	410	38,400	0	0	36,118	0
2042	410	38,400	0	0	35,839	0
2043	410	38,400	0	0	35,557	0
2044	410	38,400	0	0	35,265	0
2045	410	28,800	0	0	44,588	0
2046	410	28,800	0	0	44,308	0
2047	410	28,800	0	0	44,033	0
2048	410	38,400	0	0	34,157	0
2049	410	38,400	0	0	33,894	0
2050	410	38,400	0	0	33,720	0
2051	410	38,400	0	0	33,595	0
2052	410	38,400	0	0	33,462	0
2053	410	38,400	0	0	33,346	0
2054	410	38,400	0	0	33,226	0
2055	410	38,400	0	0	33,107	0
2056	410	28,800	0	0	42,581	0
2057	410	28,800	0	0	42,473	0
2058	410	19,200	0	0	52,027	0
2059	410	28,800	0	0	42,384	0
2060	410	28,800	0	0	42,333	0

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015.
Pairwise comparison to Scenario C.



CAIDD

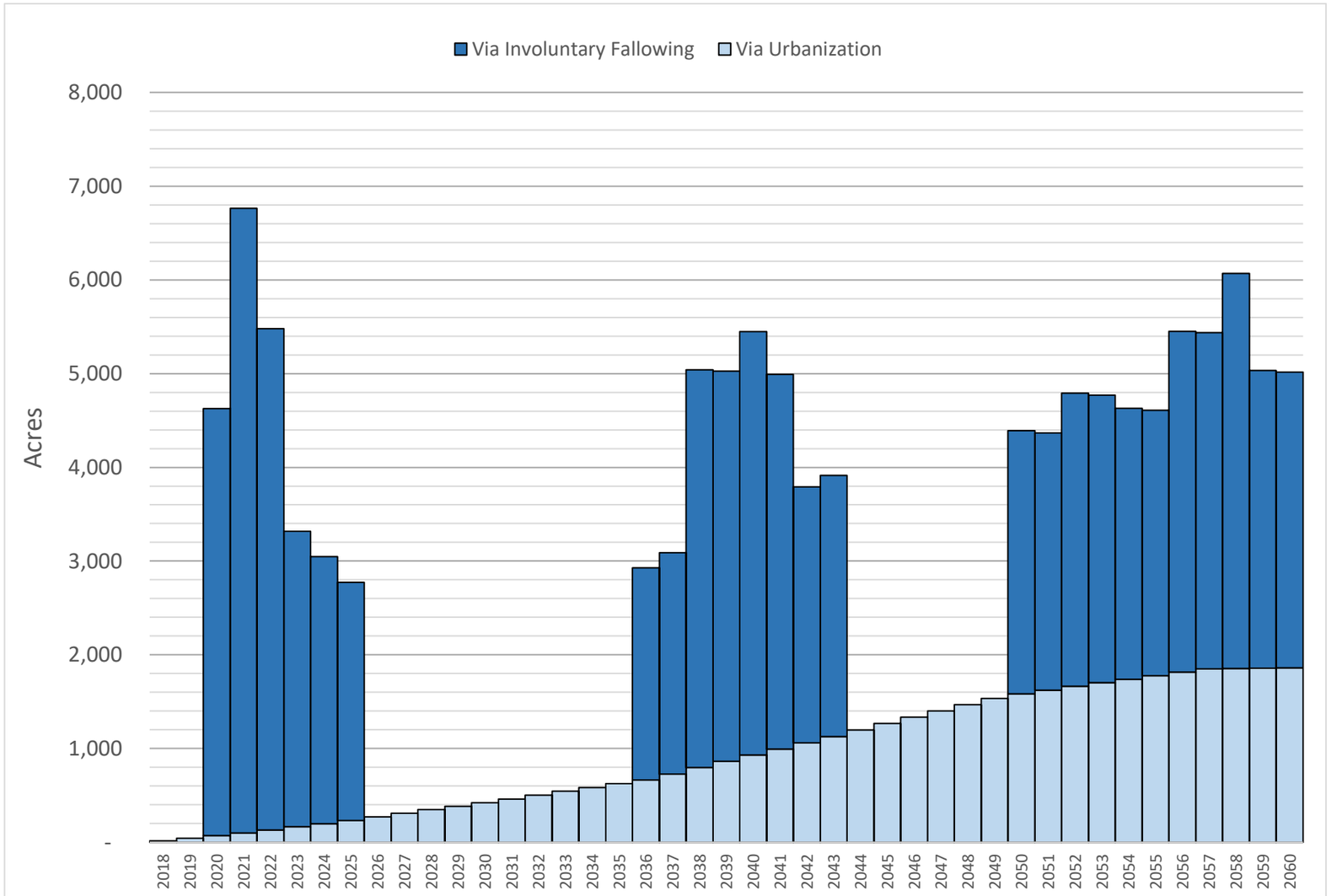
	Reduction in Ag Acres	
Date	Via Urbanization	Via Involuntary Fallowing
2018	150	0
2019	199	0
2020	252	20,982
2021	306	21,898
2022	378	20,007
2023	456	17,510
2024	535	16,460
2025	631	15,389
2026	760	0
2027	889	0
2028	1,017	0
2029	1,145	0
2030	1,271	0
2031	1,395	10,141
2032	1,517	7,691
2033	1,638	7,401
2034	1,758	6,754
2035	1,877	6,630
2036	1,995	12,421
2037	2,174	12,353
2038	2,369	13,848
2039	2,562	13,618
2040	2,752	13,811
2041	2,940	13,167
2042	3,126	11,882
2043	3,261	11,835
2044	3,346	6,564
2045	3,429	8,619
2046	3,510	6,106
2047	3,591	5,866
2048	3,671	3,163
2049	3,749	6,170
2050	3,786	11,633
2051	3,803	11,582
2052	3,818	11,929
2053	3,834	11,886
2054	3,849	11,779
2055	3,863	11,729
2056	3,878	12,429
2057	3,893	12,389
2058	3,900	12,983
2059	3,908	11,955
2060	3,914	11,909

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015.
Pairwise comparison to Scenario C.



Hohokam

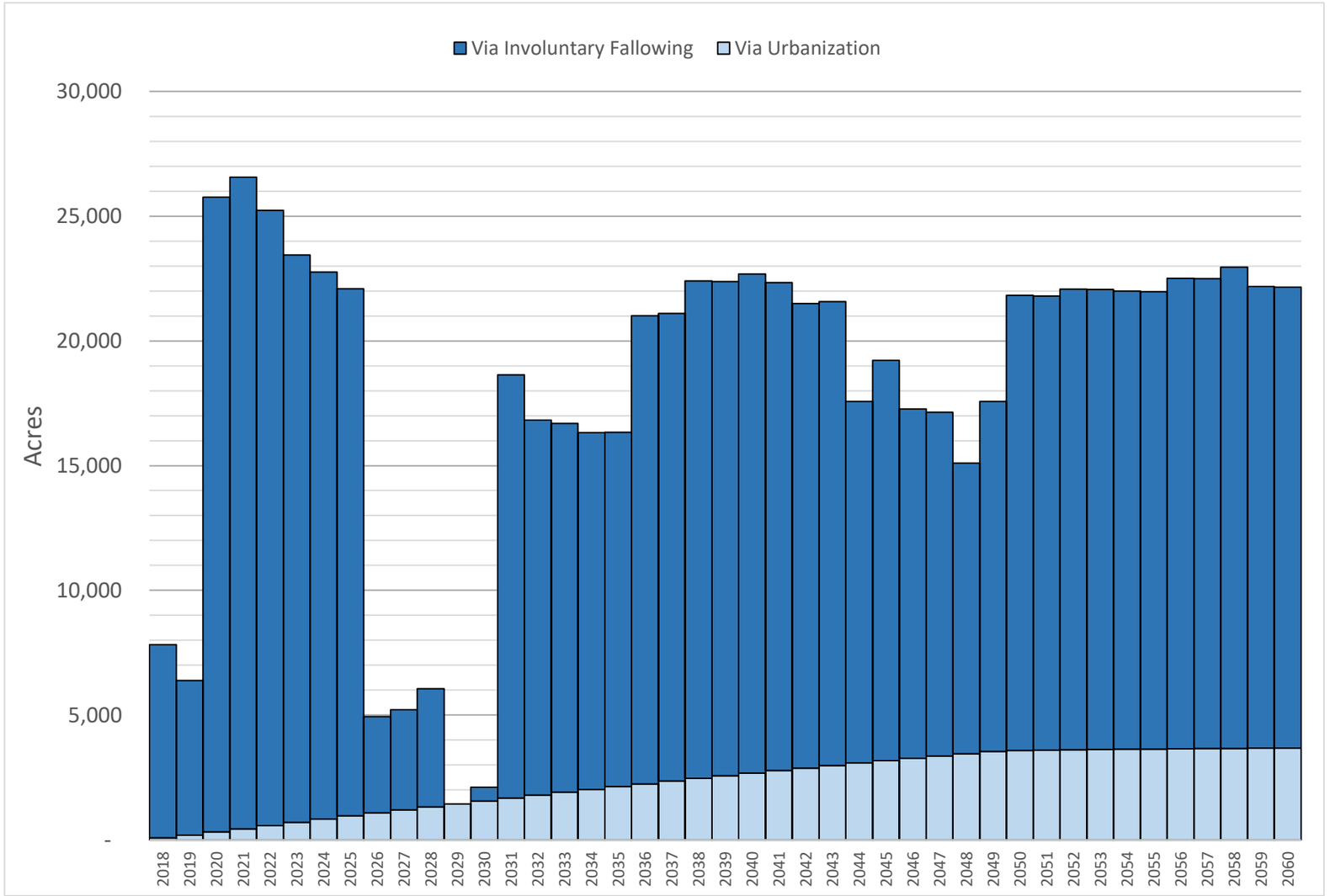
	Reduction in Ag Acres	
Date	Via Urbanization	Via Involuntary Fallowing
2018	15	0
2019	42	0
2020	70	4,555
2021	100	6,665
2022	132	5,347
2023	165	3,152
2024	199	2,849
2025	234	2,538
2026	272	0
2027	310	0
2028	347	0
2029	384	0
2030	422	0
2031	462	0
2032	503	0
2033	545	0
2034	585	0
2035	626	0
2036	666	2,261
2037	728	2,361
2038	797	4,245
2039	864	4,161
2040	930	4,519
2041	996	3,996
2042	1,061	2,732
2043	1,128	2,785
2044	1,199	0
2045	1,268	0
2046	1,336	0
2047	1,403	0
2048	1,469	0
2049	1,535	0
2050	1,583	2,808
2051	1,623	2,744
2052	1,663	3,127
2053	1,702	3,069
2054	1,740	2,890
2055	1,778	2,830
2056	1,815	3,637
2057	1,851	3,586
2058	1,855	4,214
2059	1,858	3,177
2060	1,860	3,157

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015.
Pairwise comparison to Scenario C.



MSIDD

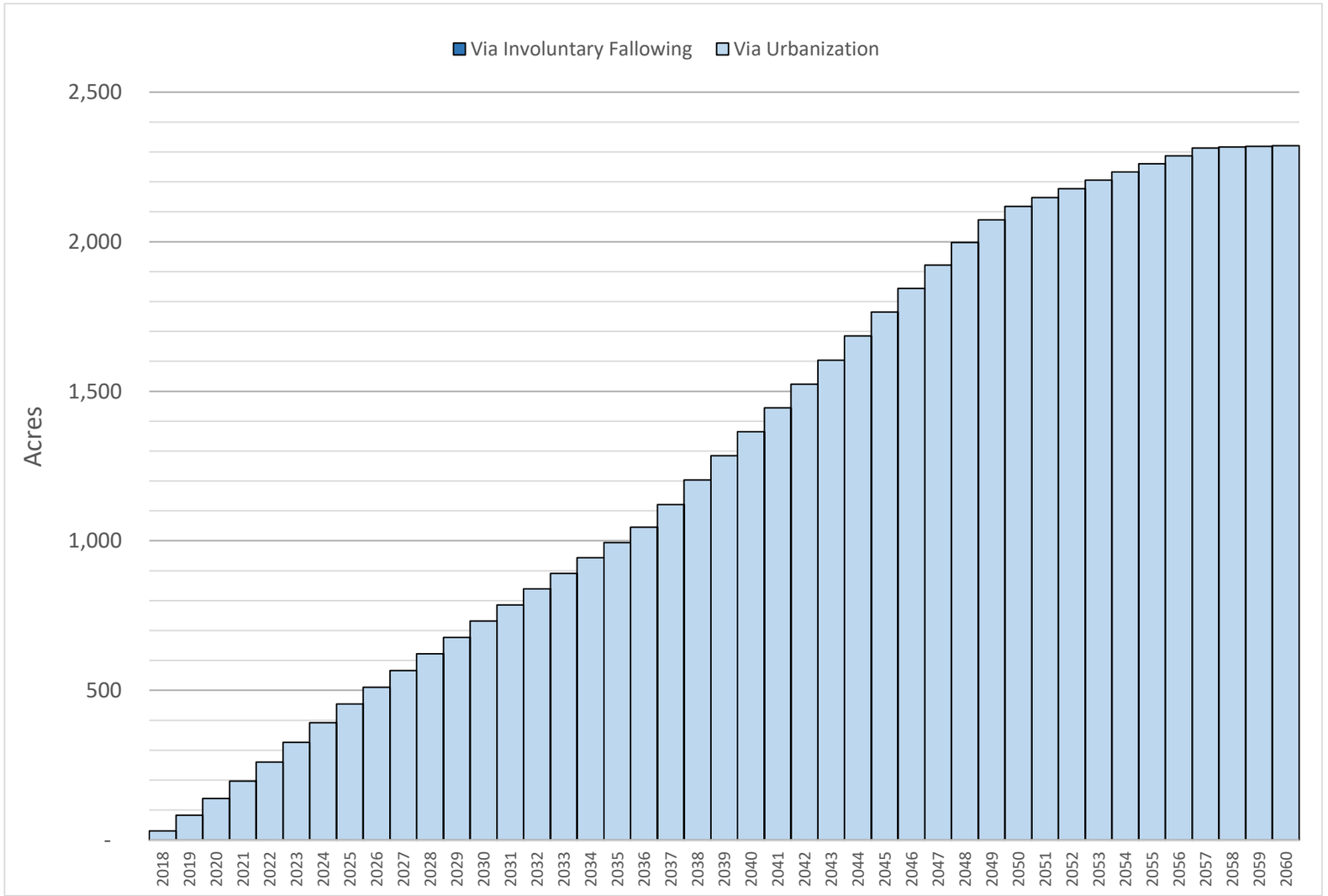
	Reduction in Ag Acres	
Date	Via Urbanization	Via Involuntary Fallowing
2018	79	7,749
2019	195	6,193
2020	318	25,433
2021	446	26,116
2022	576	24,656
2023	706	22,736
2024	837	21,925
2025	965	21,118
2026	1,086	3,855
2027	1,206	4,013
2028	1,326	4,733
2029	1,445	0
2030	1,562	544
2031	1,679	16,953
2032	1,795	15,034
2033	1,910	14,785
2034	2,024	14,300
2035	2,136	14,203
2036	2,248	18,760
2037	2,357	18,744
2038	2,464	19,939
2039	2,570	19,809
2040	2,675	20,001
2041	2,778	19,555
2042	2,880	18,620
2043	2,981	18,588
2044	3,079	14,491
2045	3,176	16,045
2046	3,272	13,994
2047	3,367	13,767
2048	3,460	11,639
2049	3,552	14,018
2050	3,590	18,232
2051	3,601	18,197
2052	3,612	18,464
2053	3,623	18,434
2054	3,633	18,355
2055	3,644	18,321
2056	3,654	18,855
2057	3,663	18,828
2058	3,668	19,281
2059	3,671	18,506
2060	3,675	18,474

Central Arizona Project Service Area Model

Reduction in Agricultural Acres

D. Medium, Reduced Ag [EMSBS]

Medium growth rate, official growth pattern, hot and dry climate, Ag pumping capacity equals 1.25x the max gw use from 2010 to 2015.
Pairwise comparison to Scenario C.



SCIDD

	Reduction in Ag Acres	
Date	Via Urbanization	Via Involuntary Fallowing
2018	30	0
2019	83	0
2020	139	0
2021	197	0
2022	261	0
2023	326	0
2024	392	0
2025	454	0
2026	511	0
2027	567	0
2028	623	0
2029	677	0
2030	732	0
2031	786	0
2032	839	0
2033	891	0
2034	943	0
2035	995	0
2036	1,046	0
2037	1,122	0
2038	1,203	0
2039	1,285	0
2040	1,365	0
2041	1,445	0
2042	1,523	0
2043	1,603	0
2044	1,685	0
2045	1,764	0
2046	1,844	0
2047	1,922	0
2048	1,998	0
2049	2,073	0
2050	2,118	0
2051	2,148	0
2052	2,177	0
2053	2,205	0
2054	2,233	0
2055	2,260	0
2056	2,287	0
2057	2,313	0
2058	2,317	0
2059	2,319	0
2060	2,321	0