

Water Resources Planning Department

Water Supply / Demand Analysis and Projections
for
Salinas District

2010



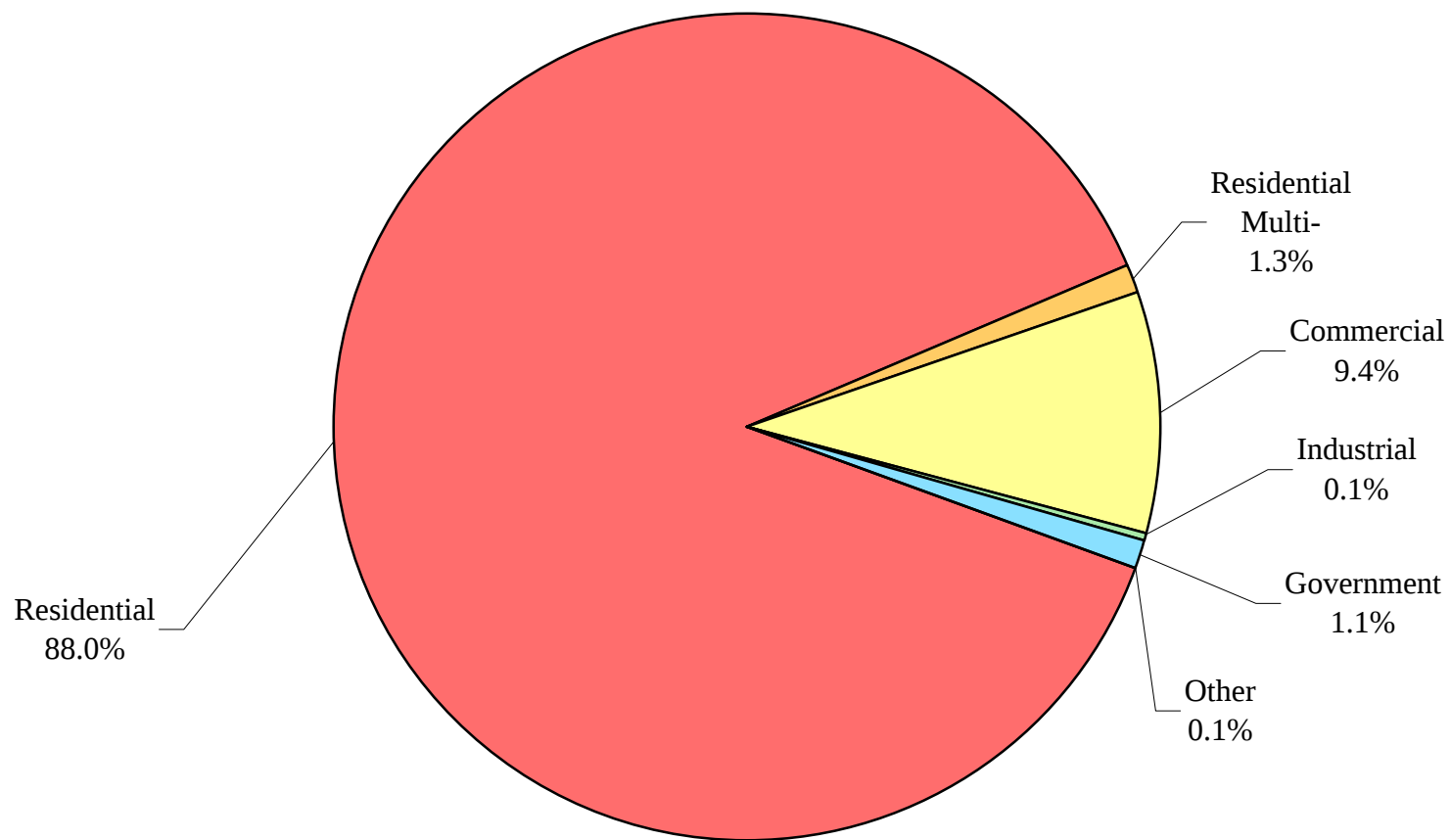
Table of Contents for Worksheets

Worksheet	Title
1	Annual Services
2	Service Growth Percentage
3	District Sales (ccf)
4	District Sales (AF)
5	Demand per Service (Gallons/Service/Year)
6	Demand per Service (Gallons per Day)
7	Percentage Change in Annual Demand
8	Percentage of Total Sales
9	Percentage of Total Demand
10	Demand Scenario 1 (Low Demand Projection)
11	Demand Scenario 2 (Average Demand Projection)
12	Demand Scenario 3 (High Demand Projection)
13	Demand Scenario 4 (Alternate Service Projection)
14	not used
15	Actual & Projected Annual Average Services
16	Actual & Projected Demand in Acre-Feet
17	Projected Annual Supply by Source
18	Historical and Projected Average Day, Maximum Day, and Peak Demands
19	Population as of the 2000 Average Annual Services
20	Temperature & Rainfall History
21	Groundwater Facilities (if available)
22	Per Capita Water Demand Calculation
23	Indoor/Outdoor Water Usage
24	SB-7 Compliance Demand Worksheet

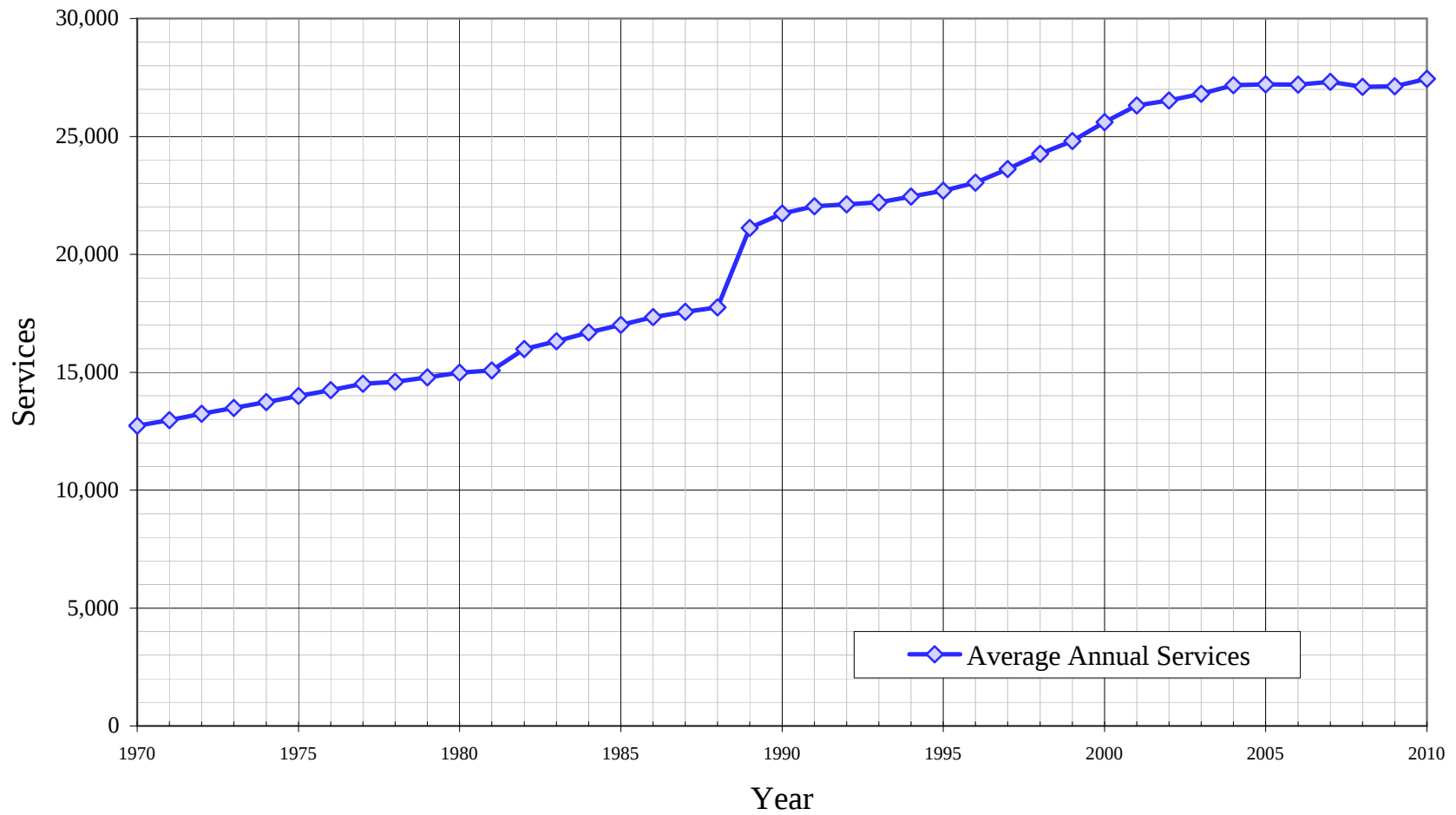
Salinas District Consolidated

Distribution of Services

(2010)



Consolidated Salinas District Historical Services



California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Annual Services

Worksheet 1

Year	Residential	Multi-Residential	Multi-Res. Units	Commercial	Industrial	Government	Other	Total	Annual Change
1970	10,938			1,658	24	107	9	12,736	
1971	11,126			1,694	24	108	11	12,963	227
1972	11,342			1,745	24	114	13	13,238	275
1973	11,551			1,781	24	119	11	13,486	248
1974	11,758	156		1,660	23	120	15	13,732	246
1975	11,982	158		1,686	24	127	12	13,989	257
1976	12,215	163		1,703	24	128	12	14,245	256
1977	12,440	175		1,727	26	131	15	14,514	269
1978	12,493	184		1,747	26	135	12	14,597	83
1979	12,653	188		1,763	27	134	15	14,780	183
1980	12,816	189	3,910	1,792	27	136	20	14,980	200
1981	12,887	191	3,962	1,812	27	138	19	15,074	94
1982	13,760	192	4,031	1,845	29	147	13	15,986	912
1983	14,057	194	4,128	1,858	29	161	12	16,311	325
1984	14,384	195	4,193	1,890	31	163	22	16,685	374
1985	14,675	212	4,446	1,897	32	163	24	17,003	318
1986	14,981	223	4,772	1,914	33	163	24	17,338	335
1987	15,187	227	4,946	1,927	32	169	17	17,559	221
1988	15,358	239	5,311	1,932	31	172	22	17,754	195
1989	18,556	324	6,333	1,999	31	187	24	21,121	3,367
1990	19,144	326	6,020	2,011	37	190	29	21,737	616
1991	19,440	323	6,318	2,016	36	191	31	22,037	300
1992	19,494	323	6,738	2,044	36	192	26	22,115	78
1993	19,562	324	6,728	2,060	37	192	26	22,201	86
1994	19,807	324	6,805	2,067	37	191	24	22,450	249
1995	20,053	325	6,829	2,071	36	191	22	22,698	248
1996	20,365	324	6,905	2,096	37	192	26	23,040	342
1997	20,908	324	6,845	2,125	38	194	30	23,619	579
1998	21,519	324	6,861	2,154	36	195	34	24,262	643
1999	22,033	324	6,845	2,180	36	193	40	24,806	544
2000	22,765	324	6,598	2,253	36	192	41	25,611	805
2001	23,214	324	6,552	2,518	35	193	33	26,317	707
2002	23,385	324	6,873	2,551	35	194	33	26,522	205
2003	23,642	324	7,125	2,578	35	198	32	26,809	287
2004	23,954	324	7,282	2,625	33	197	38	27,171	361
2005	23,985	324	8,760	2,639	33	196	31	27,208	38
2006	23,973	323	7,577	2,648	34	191	27	27,196	-13
2007	24,077	323	8,273	2,646	34	198	32	27,310	114
2008	23,831	342	8,110	2,616	33	256	29	27,107	-203
2009	23,818	368	8,010	2,571	32	310	23	27,122	15
2010	24,148	371		2,556	33	310	21	27,439	317
5 Yr. Avg.	23,937	336	8,146	2,624	33	230	28	27,189	-10
10 Yr. Avg.	23,664	330	7,516	2,565	34	213	32	26,837	232
20 Yr. Avg.	21,948	327	7,103	2,323	35	202	30	24,867	300

Five year average = 2005 through 2009.

Ten year average = 2000 through 2009.

Twenty year average = 1990 through 2009.

California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Service Growth Percentage

Worksheet 2

Year	Residential	Multi-Residential	Multi-Res. units	Commercial	Industrial	Government	Other	Total
1981	0.55%	1.06%		1.12%	0.00%	1.47%	-5.00%	0.63%
1982	6.77%	0.52%		1.82%	7.41%	6.52%	-31.58%	6.05%
1983	2.16%	1.04%		0.70%	0.00%	9.52%	-7.69%	2.03%
1984	2.33%	0.52%		1.72%	6.90%	1.24%	83.33%	2.29%
1985	2.02%	8.72%		0.37%	3.23%	0.00%	9.09%	1.91%
1986	2.09%	5.19%		0.90%	3.13%	0.00%	0.00%	1.97%
1987	1.38%	1.79%		0.68%	-3.03%	3.68%	-29.17%	1.27%
1988	1.13%	5.29%		0.26%	-3.13%	1.78%	29.41%	1.11%
1989	20.82%	35.56%		3.47%	0.00%	8.72%	9.09%	18.96%
1990	3.17%	0.62%	-4.94%	0.60%	19.35%	1.60%	20.83%	2.92%
1991	1.55%	-0.92%	4.94%	0.25%	-2.70%	0.53%	6.90%	1.38%
1992	0.28%	0.00%	6.66%	1.39%	0.00%	0.52%	-16.13%	0.35%
1993	0.35%	0.31%	-0.15%	0.78%	2.78%	0.00%	0.00%	0.39%
1994	1.25%	0.00%	1.14%	0.34%	0.00%	-0.52%	-7.69%	1.12%
1995	1.24%	0.31%	0.36%	0.19%	-2.70%	0.00%	-8.33%	1.10%
1996	1.56%	-0.31%	1.11%	1.21%	2.78%	0.52%	18.18%	1.51%
1997	2.66%	0.00%	-0.88%	1.38%	2.70%	1.04%	15.38%	2.51%
1998	2.92%	0.00%	0.23%	1.36%	-5.26%	0.52%	13.33%	2.72%
1999	2.39%	0.00%	-0.22%	1.21%	0.00%	-1.03%	17.65%	2.24%
2000	3.32%	0.00%	-3.62%	3.35%	0.00%	-0.52%	2.50%	3.25%
2001	1.98%	0.00%	-0.70%	11.76%	-2.78%	0.52%	-19.51%	2.76%
2002	0.74%	0.00%	4.91%	1.31%	0.00%	0.52%	0.00%	0.78%
2003	1.10%	0.00%	3.65%	1.06%	0.00%	2.06%	-3.03%	1.08%
2004	1.32%	0.00%	2.21%	1.82%	-5.71%	-0.51%	18.75%	1.35%
2005	0.13%	0.00%	20.29%	0.53%	0.00%	-0.51%	-18.42%	0.14%
2006	-0.05%	-0.31%	-13.50%	0.34%	3.03%	-2.55%	-12.90%	-0.05%
2007	0.43%	0.00%	9.18%	-0.08%	0.00%	3.66%	18.52%	0.42%
2008	-1.02%	5.88%	-1.97%	-1.13%	-2.94%	29.29%	-9.38%	-0.74%
2009	-0.05%	7.60%	-1.23%	-1.72%	-3.03%	21.09%	-20.69%	0.06%
2010	1.39%	0.82%	-100.00%	-0.58%	3.13%	0.00%	-8.70%	1.17%
5 Yr. Avg.	-0.11%	2.63%	2.55%	-0.41%	-0.59%	10.20%	-8.57%	-0.03%
10 Yr. Avg.	0.79%	1.32%	1.92%	1.72%	-1.14%	5.31%	-4.42%	0.91%
20 Yr. Avg.	1.26%	0.66%	1.37%	1.30%	0.28%	2.81%	0.80%	1.26%

Five year average = 2005 through 2009.

Ten year average = 2000 through 2009.

Twenty year average = 1990 through 2009.

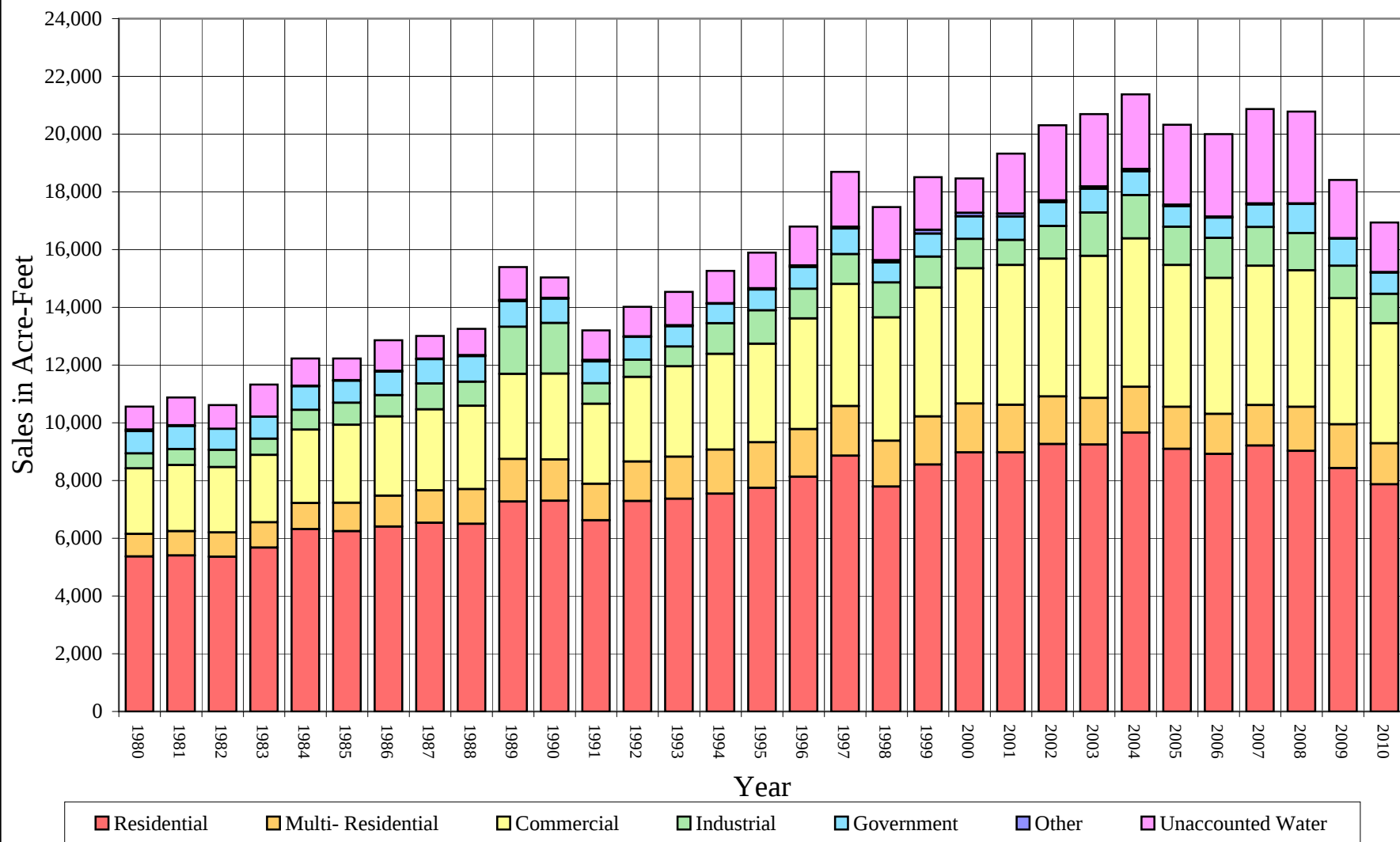
California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Sales (ccf)

Worksheet 3

Year	Total	Residential Metered	Flat Rate	Multi- Residential	Commercial	Industrial	Government	Other	Unaccounted Water	Total(ccf) Sales	Total(ccf) Demand	Total(kgal) Demand
1980	2,338,398	2,338,398		338,891	992,589	224,491	336,271	21,783	348,317	4,252,423	4,600,740	3,441,593
1981	2,353,432	2,353,432		368,010	996,333	242,685	345,321	13,049	417,904	4,318,830	4,736,734	3,543,323
1982	2,334,789	2,334,789		367,627	984,968	259,844	316,774	1,534	359,125	4,265,536	4,624,661	3,459,487
1983	2,470,677	2,470,677		384,680	1,014,295	246,225	331,789	1,378	482,123	4,449,044	4,931,167	3,688,769
1984	2,749,804	2,749,804		395,196	1,107,817	296,592	357,227	6,442	413,791	4,913,078	5,326,869	3,984,775
1985	2,722,020	2,722,020		425,645	1,178,361	331,598	334,076	6,487	328,175	4,998,187	5,326,362	3,984,396
1986	2,790,914	2,790,914		464,679	1,194,632	322,702	353,681	13,792	461,757	5,140,400	5,602,157	4,190,705
1987	2,847,491	2,847,491		489,903	1,222,560	389,172	366,125	5,925	347,037	5,321,176	5,668,213	4,240,118
1988	2,831,026	2,831,026		524,100	1,255,109	365,255	385,487	13,647	398,358	5,374,624	6,381,621	4,773,784
1989	3,168,864	3,168,864		641,783	1,283,406	709,045	385,193	21,865	495,363	6,210,156	6,705,519	5,016,077
1990	3,177,660	3,177,660		626,005	1,292,233	764,489	366,152	14,668	309,003	6,241,207	6,550,210	4,899,898
1991	2,883,763	2,883,763		549,995	1,209,555	306,919	329,127	24,716	445,719	5,304,075	5,749,795	4,301,146
1992	3,173,978	3,173,978		595,738	1,277,382	260,714	342,704	8,808	448,239	5,659,324	6,107,565	4,568,776
1993	3,208,503	3,208,503		636,153	1,364,143	295,787	305,601	17,228	504,193	5,827,415	6,331,608	4,736,372
1994	3,285,901	3,285,901		664,767	1,442,989	462,994	296,227	8,488	488,530	6,161,366	6,649,896	4,974,468
1995	3,375,702	3,375,702		685,652	1,486,137	505,187	311,762	19,932	537,526	6,384,372	6,921,898	5,177,940
1996	3,540,439	3,540,439		720,658	1,667,386	449,871	327,969	24,027	585,953	6,730,350	7,316,303	5,472,975
1997	3,858,484	3,858,484		749,019	1,843,553	449,684	387,381	25,349	828,139	7,313,470	8,141,609	6,090,347
1998	3,528,805	3,391,366	137,439	694,760	1,860,542	524,297	304,976	31,801	805,339	6,945,181	7,750,520	5,797,792
1999	3,880,079	3,725,277	154,802	726,312	1,944,707	465,818	346,850	59,726	795,315	7,423,492	8,218,807	6,148,095
2000	4,010,652	3,909,957	100,695	734,687	2,042,995	440,938	342,960	52,099	519,774	7,624,331	8,144,105	6,092,214
2001	4,131,779	3,907,062	224,717	719,150	2,110,127	377,334	352,366	45,423	906,159	7,736,179	8,642,338	6,464,918
2002	4,315,435	4,036,311	279,124	716,863	2,078,706	491,404	360,416	26,382	1,136,400	7,989,206	9,125,606	6,826,428
2003	4,309,816	4,028,531	281,285	700,194	2,143,869	654,000	360,796	32,390	1,092,885	8,201,065	9,293,950	6,952,358
2004	4,493,611	4,206,744	286,867	692,479	2,238,960	654,173	359,798	31,960	1,127,175	8,470,981	9,598,156	7,179,920
2005	4,224,801	3,961,036	263,765	634,262	2,140,452	576,016	313,081	20,743	1,208,875	7,909,355	9,118,230	6,820,910
2006	4,072,324	3,884,182	188,142	605,245	2,053,206	603,727	305,423	14,854	1,245,119	7,654,779	8,899,897	6,657,586
2007	4,010,649	4,010,649	0	614,326	2,101,374	581,849	339,930	15,776	1,424,693	7,663,904	9,088,597	6,798,743
2008	3,930,098	3,930,098	0	666,445	2,058,729	562,827	438,034	10,246	1,384,702	7,666,379	9,051,081	6,770,679
2009	3,672,463	3,672,463	0	662,402	1,902,039	486,809	409,794	7,378	880,200	7,140,885	8,021,085	6,000,189
2010	3,426,012	3,426,012	0	621,495	1,809,982	444,675	318,887	6,972	750,915	6,628,023	7,378,938	5,519,829
5 Yr. Avg.	3,982,067	3,891,686	90,381	636,536	2,051,160	562,246	361,252	13,799	1,228,718	7,607,060	8,835,778	6,609,621
10 Yr. Avg.	4,117,163	3,954,703	162,459	674,605	2,087,046	542,908	358,260	25,725	1,092,598	7,805,706	8,898,305	6,656,395

* Flat rate connections converted to metered services in 2006 for Indian Springs

Salinas District Historical Sales



California Water Service Company - Consolidated Salinas District

Worksheet 4

Water Supply and Demand Analysis and Projections

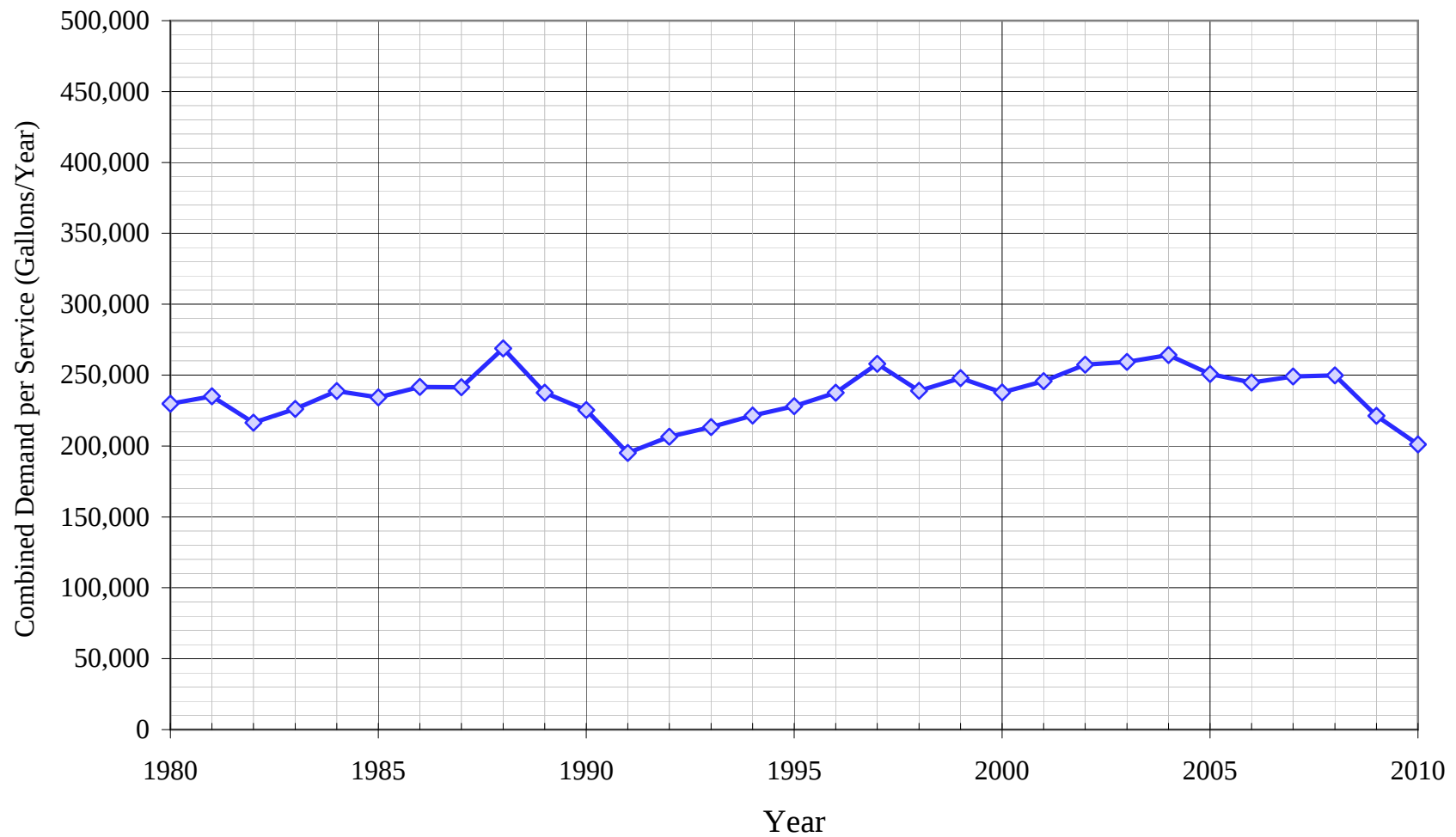
Sales (AF)

Year	Total Residential	Single Family Residential	Flat Rate Residential	Multi-Residential	Commercial	Industrial	Government	Other	Unaccounted Water	Total(AF) Sales	Total(AF) Demand	Total(Mgal) Demand
1980	5,368	5,368		778.0	2,278.7	515.4	772.0	50.0	799.6	9,762.2	10,561.8	3,441.6
1981	5,403	5,403		844.8	2,287.3	557.1	792.7	30.0	959.4	9,914.7	10,874.0	3,543.3
1982	5,360	5,360		844.0	2,261.2	596.5	727.2	3.5	824.4	9,792.3	10,616.8	3,459.5
1983	5,672	5,672		883.1	2,328.5	565.3	761.7	3.2	1,106.8	10,213.6	11,320.4	3,688.8
1984	6,313	6,313		907.2	2,543.2	680.9	820.1	14.8	949.9	11,278.9	12,228.8	3,984.8
1985	6,249	6,249		977.1	2,705.1	761.2	766.9	14.9	753.4	11,474.3	12,227.6	3,984.4
1986	6,407	6,407		1,066.8	2,742.5	740.8	811.9	31.7	1,060.0	11,800.7	12,860.8	4,190.7
1987	6,537	6,537		1,124.7	2,806.6	893.4	840.5	13.6	796.7	12,215.7	13,012.4	4,240.1
1988	6,499	6,499		1,203.2	2,881.3	838.5	885.0	31.3	914.5	12,338.4	14,650.2	4,773.8
1989	7,275	7,275		1,473.3	2,946.3	1,627.7	884.3	50.2	1,137.2	14,256.6	15,393.8	5,016.1
1990	7,295	7,295		1,437.1	2,966.6	1,755.0	840.6	33.7	709.4	14,327.8	15,037.2	4,899.9
1991	6,620	6,620		1,262.6	2,776.8	704.6	755.6	56.7	1,023.2	12,176.5	13,199.7	4,301.1
1992	7,286	7,286		1,367.6	2,932.5	598.5	786.7	20.2	1,029.0	12,992.0	14,021.0	4,568.8
1993	7,366	7,366		1,460.4	3,131.6	679.0	701.6	39.6	1,157.5	13,377.9	14,535.4	4,736.4
1994	7,543	7,543		1,526.1	3,312.6	1,062.9	680.0	19.5	1,121.5	14,144.6	15,266.1	4,974.5
1995	7,750	7,750		1,574.0	3,411.7	1,159.7	715.7	45.8	1,234.0	14,656.5	15,890.5	5,177.9
1996	8,128	8,128		1,654.4	3,827.8	1,032.8	752.9	55.2	1,345.2	15,450.8	16,795.9	5,473.0
1997	8,858	8,858		1,719.5	4,232.2	1,032.3	889.3	58.2	1,901.1	16,789.4	18,690.6	6,090.3
1998	7,786	7,786		1,594.9	4,271.2	1,203.6	700.1	73.0	1,848.8	15,628.4	17,792.7	5,797.8
1999	8,907	8,552	355	1,667.4	4,464.4	1,069.4	796.3	137.1	1,825.8	17,042.0	18,867.8	6,148.1
2000	9,207	8,976	231	1,686.6	4,690.1	1,012.3	787.3	119.6	1,193.2	17,503.1	18,696.3	6,092.2
2001	9,485	8,969	516	1,650.9	4,844.2	866.2	808.9	104.3	2,080.3	17,759.8	19,840.1	6,464.9
2002	9,907	9,266	641	1,645.7	4,772.1	1,128.1	827.4	60.6	2,608.8	18,340.7	20,949.5	6,826.4
2003	9,894	9,248	646	1,607.4	4,921.6	1,501.4	828.3	74.4	2,508.9	18,827.1	21,336.0	6,952.3
2004	10,316	9,657	659	1,589.7	5,139.9	1,501.8	826.0	73.4	2,587.6	19,446.7	22,034.3	7,179.9
2005	9,699	9,093	606	1,456.1	4,913.8	1,322.4	718.7	47.6	2,775.2	18,157.4	20,932.6	6,820.9
2006	9,349	8,917	432	1,389.5	4,713.5	1,386.0	701.2	34.1	2,858.4	17,573.0	20,431.4	6,657.6
2007	9,207	9,207	0	1,410.3	4,824.1	1,335.7	780.4	36.2	3,270.6	17,593.9	20,864.5	6,798.7
2008	9,022	9,022	0	1,529.9	4,726.2	1,292.1	1,005.6	23.5	3,178.8	17,599.6	20,778.4	6,770.7
2009	8,431	8,431	0	1,520.7	4,366.5	1,117.6	940.8	16.9	2,020.7	16,393.2	18,413.9	6,000.2
2010	7,865	7,865	0	1,426.8	4,155.1	1,020.8	732.1	16.0	1,723.9	15,215.8	16,939.7	5,519.8
5 Yr. Avg.	9,142	8,934	207	1,461	4,709	1,291	829	32	2,821	17,463	20,284	6,610
10 Yr. Avg.	9,452	9,079	373	1,549	4,791	1,246	822	59	2,508	17,919	20,428	6,656

Five year average is from years 2005 through 2009.

Ten year average is from years 2000 through 2009.

Salinas District Historical Demand per Service



California Water Service Company - Consolidated Salinas District

Worksheet 5

Water Supply and Demand Analysis and Projections

Demand per Service (Gallons per Year)

Year	Residential	Multi-Residential (service)	(unit)	Commercial	Industrial	Government	Total Other	Unaccounted/ Total Services	Combined Demand/Serv
1980	136,489	1,341,313		414,346	6,219,665	1,849,619	814,741	17,394	229,746
1981	136,610	1,441,312		411,318	6,723,741	1,871,870	513,754	20,739	235,062
1982	126,929	1,432,313		399,354	6,702,649	1,611,996	88,270	16,805	216,407
1983	131,479	1,483,302		408,367	6,351,348	1,541,586	85,901	22,111	226,152
1984	143,006	1,516,037		438,468	7,156,975	1,639,413	219,043	18,552	238,824
1985	138,754	1,501,908		464,668	7,751,642	1,533,167	202,192	14,438	234,335
1986	139,360	1,558,763		466,900	7,315,087	1,623,140	429,881	19,923	241,706
1987	140,256	1,614,418		474,592	9,097,528	1,620,595	260,718	14,785	241,478
1988	137,893	1,640,394		485,966	8,813,862	1,676,537	464,030	16,785	268,885
1989	127,747	1,481,750	75,808	480,267	17,109,759	1,540,879	681,507	17,544	237,492
1990	124,167	1,436,455	77,787	480,685	15,456,149	1,441,583	378,360	10,634	225,417
1991	110,967	1,273,761	65,123	448,815	6,377,538	1,289,027	596,415	15,130	195,178
1992	121,796	1,379,700	66,137	467,489	5,417,434	1,335,210	253,417	15,162	206,592
1993	122,693	1,468,752	70,727	495,364	5,980,110	1,190,653	495,671	16,989	213,340
1994	124,099	1,534,816	73,078	522,221	9,360,638	1,160,174	264,561	16,278	221,580
1995	125,926	1,578,164	75,103	536,798	10,497,393	1,221,017	677,735	17,715	228,123
1996	130,048	1,663,857	78,069	595,082	9,095,322	1,277,801	691,286	19,024	237,542
1997	138,053	1,729,337	81,858	648,976	8,852,290	1,493,717	632,079	26,229	257,863
1998	117,892	1,604,064	75,754	646,138	10,894,484	1,169,938	699,671	24,830	238,967
1999	126,480	1,676,911	79,371	667,313	9,679,336	1,344,362	1,116,954	23,984	247,850
2000	128,482	1,696,247	83,298	678,325	9,162,349	1,336,208	950,555	15,182	237,877
2001	125,900	1,660,375	82,108	626,880	8,064,727	1,365,741	1,029,660	25,757	245,652
2002	129,114	1,655,095	78,019	609,557	10,502,736	1,389,742	598,034	32,052	257,385
2003	127,464	1,616,610	73,518	622,081	13,977,886	1,363,102	757,169	30,494	259,326
2004	131,373	1,598,797	71,133	638,041	14,828,952	1,366,232	629,151	31,033	264,253
2005	123,537	1,464,386	54,162	606,733	13,057,270	1,194,902	500,543	33,236	250,693
2006	121,203	1,401,717	59,751	580,024	13,282,917	1,196,190	411,539	34,248	244,802
2007	124,607	1,422,749	55,548	594,081	12,801,568	1,284,269	368,790	39,024	248,947
2008	123,365	1,457,706	61,472	588,699	12,758,299	1,279,970	264,295	38,213	249,776
2009	115,341	1,346,498	61,862	553,413	11,379,951	988,862	239,962	24,277	221,230
2010	106,130	1,253,128		529,719	10,080,001	769,497	248,353	20,472	201,167
5 Yr. Avg.	121,611	1,418,611	58,559	584,590	12,656,001	1,188,839	357,026	33,800	243,090
10 Yr. Avg.	125,039	1,532,018	68,087	609,784	11,981,666	1,276,522	574,970	30,352	247,994

Five year average is from years 2005 through 2009.

Ten year average is from years 2000 through 2009.

California Water Service Company - Consolidated Salinas District

Worksheet 6

Water Supply and Demand Analysis and Projections

Demand per Service(Gallons per Day)

Year	Residential	Multi-Residential (service)	(unit)	Commercial	Industrial	Government	Total Other	Unaccounted/ Total Services	Combined Demand/Serv
1980	374	3,675		1,135	17,040	5,067	2,232	48	629
1981	374	3,949		1,127	18,421	5,128	1,408	57	644
1982	348	3,924		1,094	18,363	4,416	242	46	593
1983	360	4,064		1,119	17,401	4,224	235	61	620
1984	392	4,154		1,201	19,608	4,492	600	51	654
1985	380	4,115		1,273	21,237	4,200	554	40	642
1986	382	4,271		1,279	20,041	4,447	1,178	55	662
1987	384	4,423		1,300	24,925	4,440	714	41	662
1988	378	4,494		1,331	24,148	4,593	1,271	46	737
1989	350	4,060	208	1,316	46,876	4,222	1,867	48	651
1990	340	3,935	213	1,317	42,346	3,950	1,037	29	618
1991	304	3,490	178	1,230	17,473	3,532	1,634	41	535
1992	334	3,780	181	1,281	14,842	3,658	694	42	566
1993	336	4,024	194	1,357	16,384	3,262	1,358	47	584
1994	340	4,205	200	1,431	25,646	3,179	725	45	607
1995	345	4,324	206	1,471	28,760	3,345	1,857	49	625
1996	356	4,559	214	1,630	24,919	3,501	1,894	52	651
1997	378	4,738	224	1,778	24,253	4,092	1,732	72	706
1998	323	4,395	208	1,770	29,848	3,205	1,917	68	655
1999	347	4,594	217	1,828	26,519	3,683	3,060	66	679
2000	352	4,647	228	1,858	25,102	3,661	2,604	42	652
2001	345	4,549	225	1,717	22,095	3,742	2,821	71	673
2002	354	4,535	214	1,670	28,775	3,808	1,638	88	705
2003	349	4,429	201	1,704	38,296	3,735	2,074	84	710
2004	360	4,380	195	1,748	40,627	3,743	1,724	85	724
2005	338	4,012	148	1,662	35,773	3,274	1,371	91	687
2006	332	3,840	164	1,589	36,392	3,277	1,128	94	671
2007	341	3,898	152	1,628	35,073	3,519	1,010	107	682
2008	338	3,994	168	1,613	34,954	3,507	724	105	684
2009	316	3,689	169	1,516	31,178	2,709	657	67	606
2010	291	3,433		1,451	27,616	2,108	680	56	551
5 Yr. Avg.	333	3,887	160	1,602	34,674	3,257	978	93	666
10 Yr. Avg.	343	4,197	187	1,671	32,826	3,497	1,575	83	679

Five year average is from years 2005 through 2009.

Ten year average is from years 2000 through 2009.

California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Percentage Change in Annual Demand

Worksheet 7

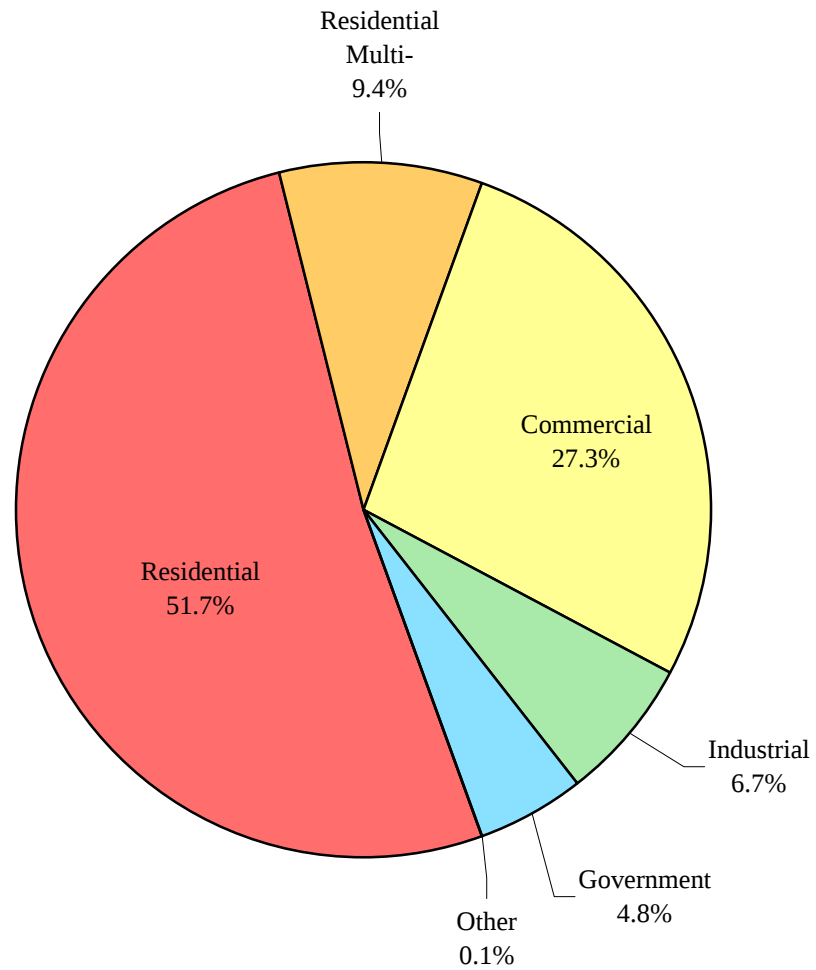
Year	Residential	Multi-Residential	Commercial	Industrial	Government	Other	Unaccounted Water	Total
1981	0.64%	8.59%	0.38%	8.10%	2.69%	-40.10%	19.98%	2.96%
1982	-0.79%	-0.10%	-1.14%	7.07%	-8.27%	-88.24%	-14.07%	-2.37%
1983	5.82%	4.64%	2.98%	-5.24%	4.74%	-10.17%	34.25%	6.63%
1984	11.30%	2.73%	9.22%	20.46%	7.67%	367.49%	-14.17%	8.02%
1985	-1.01%	7.70%	6.37%	11.80%	-6.48%	0.70%	-20.69%	-0.01%
1986	2.53%	9.17%	1.38%	-2.68%	5.87%	112.61%	40.70%	5.18%
1987	2.03%	5.43%	2.34%	20.60%	3.52%	-57.04%	-24.84%	1.18%
1988	-0.58%	6.98%	2.66%	-6.15%	5.29%	130.33%	14.79%	12.59%
1989	11.93%	22.45%	2.25%	94.12%	-0.08%	60.22%	24.35%	5.08%
1990	0.28%	-2.46%	0.69%	7.82%	-4.94%	-32.92%	-37.62%	-2.32%
1991	-9.25%	-12.14%	-6.40%	-59.85%	-10.11%	68.50%	44.24%	-12.22%
1992	10.06%	8.32%	5.61%	-15.05%	4.13%	-64.36%	0.57%	6.22%
1993	1.09%	6.78%	6.79%	13.45%	-10.83%	95.59%	12.48%	3.67%
1994	2.41%	4.50%	5.78%	56.53%	-3.07%	-50.73%	-3.11%	5.03%
1995	2.73%	3.14%	2.99%	9.11%	5.24%	134.83%	10.03%	4.09%
1996	4.88%	5.11%	12.20%	-10.95%	5.20%	20.54%	9.01%	5.70%
1997	8.98%	3.94%	10.57%	-0.04%	18.12%	5.50%	41.33%	11.28%
1998	-12.11%	-7.24%	0.92%	16.59%	-21.27%	25.45%	-2.75%	-4.80%
1999	9.85%	4.54%	4.52%	-11.15%	13.73%	87.81%	-1.24%	6.04%
2000	4.96%	1.15%	5.05%	-5.34%	-1.12%	-12.77%	-34.65%	-0.91%
2001	-0.07%	-2.11%	3.29%	-14.42%	2.74%	-12.81%	74.34%	6.12%
2002	3.31%	-0.32%	-1.49%	30.23%	2.28%	-41.92%	25.41%	5.59%
2003	-0.19%	-2.33%	3.13%	33.09%	0.11%	22.77%	-3.83%	1.84%
2004	4.42%	-1.10%	4.44%	0.03%	-0.28%	-1.33%	3.14%	3.27%
2005	-5.84%	-8.41%	-4.40%	-11.95%	-12.98%	-35.10%	7.25%	-5.00%
2006	-1.94%	-4.57%	-4.08%	4.81%	-2.45%	-28.39%	3.00%	-2.39%
2007	3.26%	1.50%	2.35%	-3.62%	11.30%	6.21%	14.42%	2.12%
2008	-2.01%	8.48%	-2.03%	-3.27%	28.86%	-35.05%	-2.81%	-0.41%
2009	-6.56%	-0.61%	-7.61%	-13.51%	-6.45%	-27.99%	-36.43%	-11.38%
2010	-6.71%	-6.18%	-4.84%	-8.66%	-22.18%	-5.50%	-14.69%	-8.01%
5 Yr. Avg.	-2.62%	-0.72%	-3.15%	-5.51%	3.66%	-24.06%	-2.91%	-3.41%
10 Yr. Avg.	-0.07%	-0.83%	-0.14%	1.61%	2.20%	-16.64%	4.98%	-0.12%

Five year average determined from years 2005 through 2009.

Ten year average determined from years 2000 through 2009.

Salinas District

Percent of Total Sales by Type of Use (2010)



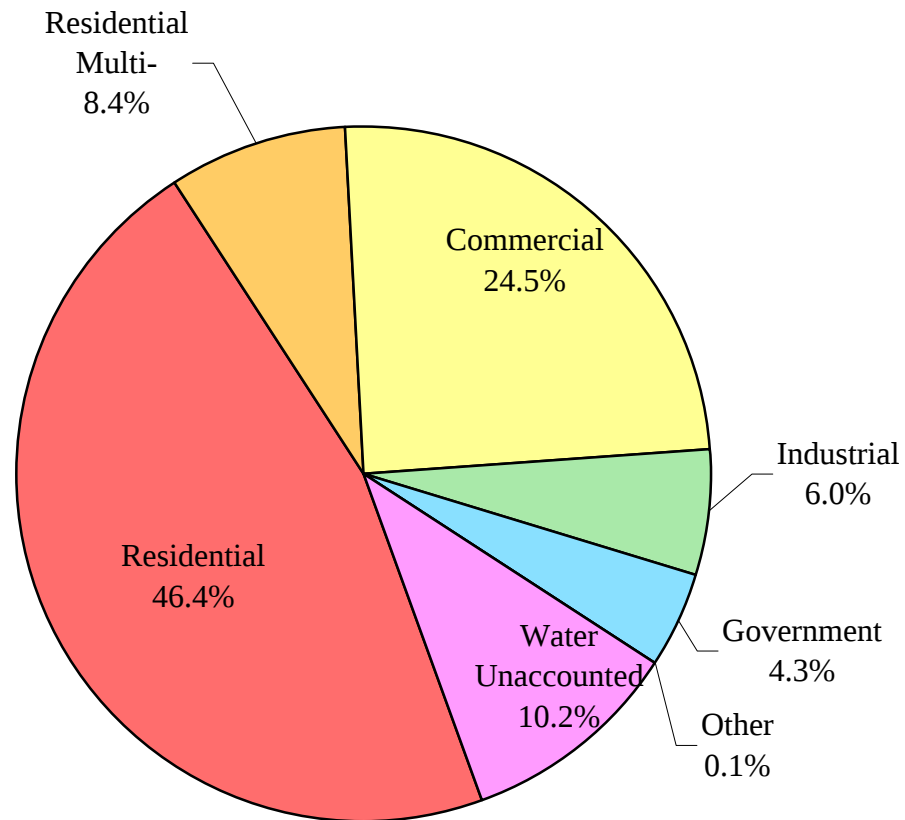
California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Percentage of Total Sales

Worksheet 8

Year	Residential	Multi-Residential	Commercial	Industrial	Government	Other	Percent Total
1980	54.99%	7.97%	23.34%	5.28%	7.91%	0.51%	100.00%
1981	54.49%	8.52%	23.07%	5.62%	8.00%	0.30%	100.00%
1982	54.74%	8.62%	23.09%	6.09%	7.43%	0.04%	100.00%
1983	55.53%	8.65%	22.80%	5.53%	7.46%	0.03%	100.00%
1984	55.97%	8.04%	22.55%	6.04%	7.27%	0.13%	100.00%
1985	54.46%	8.52%	23.58%	6.63%	6.68%	0.13%	100.00%
1986	54.29%	9.04%	23.24%	6.28%	6.88%	0.27%	100.00%
1987	53.51%	9.21%	22.98%	7.31%	6.88%	0.11%	100.00%
1988	52.67%	9.75%	23.35%	6.80%	7.17%	0.25%	100.00%
1989	51.03%	10.33%	20.67%	11.42%	6.20%	0.35%	100.00%
1990	50.91%	10.03%	20.70%	12.25%	5.87%	0.24%	100.00%
1991	54.37%	10.37%	22.80%	5.79%	6.21%	0.47%	100.00%
1992	56.08%	10.53%	22.57%	4.61%	6.06%	0.16%	100.00%
1993	55.06%	10.92%	23.41%	5.08%	5.24%	0.30%	100.00%
1994	53.33%	10.79%	23.42%	7.51%	4.81%	0.14%	100.00%
1995	52.87%	10.74%	23.28%	7.91%	4.88%	0.31%	100.00%
1996	52.60%	10.71%	24.77%	6.68%	4.87%	0.36%	100.00%
1997	52.76%	10.24%	25.21%	6.15%	5.30%	0.35%	100.00%
1998	50.81%	10.00%	26.79%	7.55%	4.39%	0.46%	100.00%
1999	52.27%	9.78%	26.20%	6.27%	4.67%	0.80%	100.00%
2000	52.60%	9.64%	26.80%	5.78%	4.50%	0.68%	100.00%
2001	53.41%	9.30%	27.28%	4.88%	4.55%	0.59%	100.00%
2002	54.02%	8.97%	26.02%	6.15%	4.51%	0.33%	100.00%
2003	52.55%	8.54%	26.14%	7.97%	4.40%	0.39%	100.00%
2004	53.05%	8.17%	26.43%	7.72%	4.25%	0.38%	100.00%
2005	53.42%	8.02%	27.06%	7.28%	3.96%	0.26%	100.00%
2006	53.20%	7.91%	26.82%	7.89%	3.99%	0.19%	100.00%
2007	52.33%	8.02%	27.42%	7.59%	4.44%	0.21%	100.00%
2008	51.26%	8.69%	26.85%	7.34%	5.71%	0.13%	100.00%
2009	51.43%	9.28%	26.64%	6.82%	5.74%	0.10%	100.00%
2010	51.69%	9.38%	27.31%	6.71%	4.81%	0.11%	100.00%
5 Yr. Avg.	52.65%	8.16%	26.92%	7.57%	4.47%	0.23%	100.00%
10 Yr. Avg.	52.81%	8.70%	26.70%	6.89%	4.50%	0.40%	100.00%

Salinas District

Percent of Total Demand by Type of Use (2010)



California Water Service Company - Consolidated Salinas District

Worksheet 9

Water Supply and Demand Analysis and Projections

Percentage of Total Demand

Year	Residential	Multi-Residential	Commercial	Industrial	Government	Other	Unaccounted Water	Percent Total
1980	50.83%	7.37%	21.57%	4.88%	7.31%	0.47%	7.57%	100.00%
1981	49.68%	7.77%	21.03%	5.12%	7.29%	0.28%	8.82%	100.00%
1982	50.49%	7.95%	21.30%	5.62%	6.85%	0.03%	7.77%	100.00%
1983	50.10%	7.80%	20.57%	4.99%	6.73%	0.03%	9.78%	100.00%
1984	51.62%	7.42%	20.80%	5.57%	6.71%	0.12%	7.77%	100.00%
1985	51.10%	7.99%	22.12%	6.23%	6.27%	0.12%	6.16%	100.00%
1986	49.82%	8.29%	21.32%	5.76%	6.31%	0.25%	8.24%	100.00%
1987	50.24%	8.64%	21.57%	6.87%	6.46%	0.10%	6.12%	100.00%
1988	44.36%	8.21%	19.67%	5.72%	6.04%	0.21%	6.24%	90.46%
1989	47.26%	9.57%	19.14%	10.57%	5.74%	0.33%	7.39%	100.00%
1990	48.51%	9.56%	19.73%	11.67%	5.59%	0.22%	4.72%	100.00%
1991	50.15%	9.57%	21.04%	5.34%	5.72%	0.43%	7.75%	100.00%
1992	51.97%	9.75%	20.91%	4.27%	5.61%	0.14%	7.34%	100.00%
1993	50.67%	10.05%	21.54%	4.67%	4.83%	0.27%	7.96%	100.00%
1994	49.41%	10.00%	21.70%	6.96%	4.45%	0.13%	7.35%	100.00%
1995	48.77%	9.91%	21.47%	7.30%	4.50%	0.29%	7.77%	100.00%
1996	48.39%	9.85%	22.79%	6.15%	4.48%	0.33%	8.01%	100.00%
1997	47.39%	9.20%	22.64%	5.52%	4.76%	0.31%	10.17%	100.00%
1998	45.53%	8.96%	24.01%	6.76%	3.93%	0.41%	10.39%	100.00%
1999	47.21%	8.84%	23.66%	5.67%	4.22%	0.73%	9.68%	100.00%
2000	49.25%	9.02%	25.09%	5.41%	4.21%	0.64%	6.38%	100.00%
2001	47.81%	8.32%	24.42%	4.37%	4.08%	0.53%	10.49%	100.00%
2002	47.29%	7.86%	22.78%	5.38%	3.95%	0.29%	12.45%	100.00%
2003	46.37%	7.53%	23.07%	7.04%	3.88%	0.35%	11.76%	100.00%
2004	46.82%	7.21%	23.33%	6.82%	3.75%	0.33%	11.74%	100.00%
2005	46.33%	6.96%	23.47%	6.32%	3.43%	0.23%	13.26%	100.00%
2006	45.76%	6.80%	23.07%	6.78%	3.43%	0.17%	13.99%	100.00%
2007	44.13%	6.76%	23.12%	6.40%	3.74%	0.17%	15.68%	100.00%
2008	43.42%	7.36%	22.75%	6.22%	4.84%	0.11%	15.30%	100.00%
2009	45.79%	8.26%	23.71%	6.07%	5.11%	0.09%	10.97%	100.00%
2010	46.43%	8.42%	24.53%	6.03%	4.32%	0.09%	10.18%	100.00%
5 Yr. Avg.	45.29%	7.02%	23.15%	6.51%	3.84%	0.20%	13.99%	100.00%
10 Yr. Avg.	46.44%	7.67%	23.47%	6.04%	3.95%	0.35%	12.07%	100.00%

Five year average determined from years 2004 through 2008.

Ten year average determined from years 1999 through 2008.

California Water Service Company - Salinas District **Water Supply and Demand Analysis and Projections**

Worksheet 10

Scenario #1: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☒ Low ☐ Average ☐ High Demand per Service for each Customer Class.

Summary of Historical Growth Rate from Worksheet 2			
Customer Type	10 Yr. Avg. Historical Growth Rate	Individual Growth Rate Selected	Notes
Single Family Residential	0.79%	0.79%	Historical growth rate used
Multi Family Residential	1.32%	1.32%	Historical growth rate used
Commercial	1.72%	0.91%	Overall growth rate used
Industrial	-1.14%	0.00%	Zero maintained to keep current levels
Government	5.31%	0.91%	Overall growth rate used
Other	-4.42%	0.91%	Overall growth rate used
Overall	0.91%	0.81%	

Summary of Lowest Demand per Service from Worksheets 5 and 6									
Demand/Serv. Units	Residential	Multi-Residential		Commercial	Industrial	Government	Total Other	Unaccounted Total Serv.	Combined Demand/Serv.
		(service)	(unit)						
Gal/Service/Yr	110,967	1,273,761	54,162	399,354	5,417,434	988,862	596,415	15,130	195,178
AF/Service/Yr	0.341	3.909	0.166	1.226	16.625	3.035	1.830	0.046	0.599
Gal/Service/Day	304	3,490	148	1,094	14,842	2,709	1,634	41	535

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 10

30-year projection Summary

Scenario #1: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☒ Low ☐ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Projected Services 2010	Projected Services 2015	Projected Services 2020	Projected Services 2025	Projected Services 2030	Projected Services 2035	Projected Services 2040	Services projected to be added from 2010 - 2040
Single Family Residential	24,006	24,970	25,972	27,014	28,098	29,225	30,398	6,392
Multi Family Residential	373	398	425	454	484	517	552	179
Commercial	2,594	2,714	2,839	2,970	3,106	3,250	3,399	805
Industrial	32	32	32	32	32	32	32	0
Government	313	327	342	358	375	392	410	97
Other	23	24	25	27	28	29	30	7
Total	27,341	28,465	29,635	30,854	32,123	33,445	34,822	7,480

Customer Type	Projected Demand 2010 (ccf)	Projected Demand 2015 (ccf)	Projected Demand 2020 (ccf)	Projected Demand 2025 (ccf)	Projected Demand 2030 (ccf)	Projected Demand 2035 (ccf)	Projected Demand 2040 (ccf)	Projected demand to be added from 2010 - 2040 (ccf)
Single Family Residential	3,561,101	3,704,004	3,852,643	4,007,245	4,168,052	4,335,312	4,509,284	948,184
Multi Family Residential	634,870	677,792	723,615	772,537	824,767	880,527	940,057	305,187
Commercial	1,384,965	1,448,779	1,515,534	1,585,364	1,658,412	1,734,826	1,814,761	429,796
Industrial	231,745	231,745	231,745	231,745	231,745	231,745	231,745	0
Government	413,501	432,554	452,484	473,333	495,143	517,957	541,823	128,322
Other	18,504	19,356	20,248	21,181	22,157	23,178	24,246	5,742
Unaccounted	553,001	575,727	599,394	624,043	649,715	676,453	704,301	151,300
Total	6,797,686	7,089,956	7,395,663	7,715,449	8,049,990	8,399,998	8,766,216	1,968,530

Customer Type	Projected Demand 2010 (AF)	Projected Demand 2015 (AF)	Projected Demand 2020 (AF)	Projected Demand 2025 (AF)	Projected Demand 2030 (AF)	Projected Demand 2035 (AF)	Projected Demand 2040 (AF)	Projected demand to be added from 2010 - 2040 (AF)
Single Family Residential	8,175	8,503	8,845	9,199	9,569	9,953	10,352	2,177
Multi Family Residential	1,457	1,556	1,661	1,774	1,893	2,021	2,158	701
Commercial	3,179	3,326	3,479	3,640	3,807	3,983	4,166	987
Industrial	532	532	532	532	532	532	532	0
Government	949	993	1,039	1,087	1,137	1,189	1,244	295
Other	42	44	46	49	51	53	56	13
Unaccounted	1,270	1,322	1,376	1,433	1,492	1,553	1,617	347
Total	15,605	16,276	16,978	17,712	18,480	19,284	20,125	4,519

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 10

2000's Projections

Scenario #1: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☒ Low ☐ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Actual Services 2001	Actual Services 2002	Actual Services 2003	Actual Services 2004	Actual Services 2005	Actual Services 2006	Actual Services 2007	Actual Services 2008	Actual Services 2009	Projected Services 2010
Residential	23,214	23,385	23,642	23,954	23,985	23,973	24,077	23,831	23,818	24,006
Multi- Residential	324	324	324	324	324	323	323	342	368	373
Commercial	2,518	2,551	2,578	2,625	2,639	2,648	2,646	2,616	2,571	2,594
Industrial	35	35	35	33	33	34	34	33	32	32
Government	193	194	198	197	196	191	198	256	310	313
Other	33	33	32	38	31	27	32	29	23	23
Total	26,317	26,522	26,809	27,171	27,208	27,196	27,310	27,107	27,122	27,341

Customer Type	Demand 2001(ccf)	Demand 2002(ccf)	Demand 2003(ccf)	Demand 2004(ccf)	Demand 2005(ccf)	Demand 2006(ccf)	Demand 2007(ccf)	Demand 2008(ccf)	Demand 2009(ccf)	Demand 2010(ccf)
Residential	3,443,652	3,468,994	3,507,130	3,553,314	3,557,999	3,556,144	3,571,609	3,535,117	3,533,189	3,561,101
Multi- Residential	551,696	551,696	551,696	551,696	551,696	549,993	549,993	582,345	626,617	634,870
Commercial	1,344,249	1,361,866	1,376,280	1,401,372	1,408,845	1,413,650	1,412,582	1,396,567	1,372,543	1,384,965
Industrial	253,471	253,471	253,471	238,987	238,987	246,229	246,229	238,987	231,745	231,745
Government	255,129	256,451	261,738	260,416	259,095	252,485	261,738	338,409	409,792	413,501
Other	26,310	26,310	25,513	30,297	24,716	21,527	25,513	23,121	18,338	18,504
Unaccounted	532,293	536,436	542,242	549,550	550,311	550,058	552,369	548,263	548,566	553,001
Total	6,406,800	6,455,223	6,518,070	6,585,631	6,591,648	6,590,086	6,620,033	6,662,809	6,740,790	6,797,686

Customer Type	Demand 2001(AF)	Demand 2002(AF)	Demand 2003(AF)	Demand 2004(AF)	Demand 2005(AF)	Demand 2006(AF)	Demand 2007(AF)	Demand 2008(AF)	Demand 2009(AF)	Demand 2010(AF)
Residential	7,906	7,964	8,051	8,157	8,168	8,164	8,199	8,116	8,111	8,175
Multi- Residential	1,267	1,267	1,267	1,267	1,267	1,263	1,263	1,337	1,439	1,457
Commercial	3,086	3,126	3,160	3,217	3,234	3,245	3,243	3,206	3,151	3,179
Industrial	582	582	582	549	549	565	565	549	532	532
Government	586	589	601	598	595	580	601	777	941	949
Other	60	60	59	70	57	49	59	53	42	42
Unaccounted	1,222	1,231	1,245	1,262	1,263	1,263	1,268	1,259	1,259	1,270
Total	14,708	14,819	14,964	15,119	15,132	15,129	15,198	15,296	15,475	15,605

*Note: Projections for SF and MF services begin in 2009

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 10

Scenario #1: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

☒ Low

☐ Average

☐ High

2010's Projections

Demand per Service for each Customer Class.

Customer Type	Projected Services 2011	Projected Services 2012	Projected Services 2013	Projected Services 2014	Projected Services 2015	Projected Services 2016	Projected Services 2017	Projected Services 2018	Projected Services 2019	Projected Services 2020
Residential	24,196	24,387	24,580	24,774	24,970	25,167	25,366	25,566	25,768	25,972
Multi- Residential	378	383	388	393	398	403	409	414	419	425
Commercial	2,618	2,641	2,665	2,689	2,714	2,738	2,763	2,788	2,813	2,839
Industrial	32	32	32	32	32	32	32	32	32	32
Government	316	318	321	324	327	330	333	336	339	342
Other	23	24	24	24	24	24	25	25	25	25
Total	27,562	27,785	28,010	28,236	28,465	28,695	28,927	29,161	29,397	29,635

Customer Type	Demand 2011(ccf)	Demand 2012(ccf)	Demand 2013(ccf)	Demand 2014(ccf)	Demand 2015(ccf)	Demand 2016(ccf)	Demand 2017(ccf)	Demand 2018(ccf)	Demand 2019(ccf)	Demand 2020(ccf)
Residential	3,589,233	3,617,588	3,646,167	3,674,972	3,704,004	3,733,266	3,762,759	3,792,485	3,822,445	3,852,643
Multi- Residential	643,231	651,702	660,285	668,981	677,792	686,718	695,762	704,925	714,209	723,615
Commercial	1,397,499	1,410,146	1,422,908	1,435,785	1,448,779	1,461,891	1,475,121	1,488,471	1,501,941	1,515,534
Industrial	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745
Government	417,243	421,019	424,829	428,674	432,554	436,468	440,418	444,404	448,426	452,484
Other	18,671	18,840	19,010	19,183	19,356	19,531	19,708	19,886	20,066	20,248
Unaccounted	557,473	561,981	566,526	571,107	575,727	580,384	585,078	589,812	594,583	599,394
Total	6,855,095	6,913,022	6,971,471	7,030,447	7,089,956	7,150,003	7,210,591	7,271,727	7,333,416	7,395,663

Customer Type	Demand 2011(AF)	Demand 2012(AF)	Demand 2013(AF)	Demand 2014(AF)	Demand 2015(AF)	Demand 2016(AF)	Demand 2017(AF)	Demand 2018(AF)	Demand 2019(AF)	Demand 2020(AF)
Residential	8,240	8,305	8,371	8,437	8,503	8,570	8,638	8,706	8,775	8,845
Multi- Residential	1,477	1,496	1,516	1,536	1,556	1,576	1,597	1,618	1,640	1,661
Commercial	3,208	3,237	3,267	3,296	3,326	3,356	3,386	3,417	3,448	3,479
Industrial	532	532	532	532	532	532	532	532	532	532
Government	958	967	975	984	993	1,002	1,011	1,020	1,029	1,039
Other	43	43	44	44	44	45	45	46	46	46
Unaccounted	1,280	1,290	1,301	1,311	1,322	1,332	1,343	1,354	1,365	1,376
Total	15,737	15,870	16,004	16,140	16,276	16,414	16,553	16,694	16,835	16,978

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 10

Scenario #1: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

☒ Low

☐ Average

☐ High

2020's Projections

Demand per Service for each Customer Class.

Customer Type	Projected Services 2021	Projected Services 2022	Projected Services 2023	Projected Services 2024	Projected Services 2025	Projected Services 2026	Projected Services 2027	Projected Services 2028	Projected Services 2029	Projected Services 2030
Residential	26,177	26,383	26,592	26,802	27,014	27,227	27,442	27,659	27,878	28,098
Multi- Residential	431	436	442	448	454	460	466	472	478	484
Commercial	2,865	2,890	2,917	2,943	2,970	2,997	3,024	3,051	3,079	3,106
Industrial	32	32	32	32	32	32	32	32	32	32
Government	345	349	352	355	358	361	365	368	371	375
Other	26	26	26	26	27	27	27	27	28	28
Total	29,875	30,117	30,360	30,606	30,854	31,103	31,355	31,609	31,865	32,123

Customer Type	Demand 2021(ccf)	Demand 2022(ccf)	Demand 2023(ccf)	Demand 2024(ccf)	Demand 2025(ccf)	Demand 2026(ccf)	Demand 2027(ccf)	Demand 2028(ccf)	Demand 2029(ccf)	Demand 2030(ccf)
Residential	3,883,078	3,913,755	3,944,673	3,975,836	4,007,245	4,038,903	4,070,810	4,102,969	4,135,383	4,168,052
Multi- Residential	733,145	742,801	752,584	762,495	772,537	782,712	793,020	803,464	814,046	824,767
Commercial	1,529,249	1,543,089	1,557,054	1,571,145	1,585,364	1,599,712	1,614,189	1,628,798	1,643,538	1,658,412
Industrial	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745
Government	456,579	460,711	464,881	469,088	473,333	477,617	481,939	486,301	490,702	495,143
Other	20,431	20,616	20,803	20,991	21,181	21,373	21,566	21,761	21,958	22,157
Unaccounted	604,244	609,134	614,063	619,033	624,043	629,094	634,187	639,321	644,497	649,715
Total	7,458,472	7,521,850	7,585,802	7,650,333	7,715,449	7,781,154	7,847,456	7,914,358	7,981,868	8,049,990

Customer Type	Demand 2021(AF)	Demand 2022(AF)	Demand 2023(AF)	Demand 2024(AF)	Demand 2025(AF)	Demand 2026(AF)	Demand 2027(AF)	Demand 2028(AF)	Demand 2029(AF)	Demand 2030(AF)
Residential	8,914	8,985	9,056	9,127	9,199	9,272	9,345	9,419	9,494	9,569
Multi- Residential	1,683	1,705	1,728	1,750	1,774	1,797	1,821	1,845	1,869	1,893
Commercial	3,511	3,542	3,575	3,607	3,640	3,672	3,706	3,739	3,773	3,807
Industrial	532	532	532	532	532	532	532	532	532	532
Government	1,048	1,058	1,067	1,077	1,087	1,096	1,106	1,116	1,127	1,137
Other	47	47	48	48	49	49	50	50	50	51
Unaccounted	1,387	1,398	1,410	1,421	1,433	1,444	1,456	1,468	1,480	1,492
Total	17,122	17,268	17,415	17,563	17,712	17,863	18,015	18,169	18,324	18,480

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 10

Scenario #1: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☒ Low ☐ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Projected Services 2031	Projected Services 2032	Projected Services 2033	Projected Services 2034	Projected Services 2035	Projected Services 2036	Projected Services 2037	Projected Services 2038	Projected Services 2039	Projected Services 2040
Residential	28,320	28,543	28,769	28,996	29,225	29,456	29,689	29,923	30,160	30,398
Multi- Residential	491	497	504	510	517	524	531	538	545	552
Commercial	3,135	3,163	3,192	3,220	3,250	3,279	3,309	3,339	3,369	3,399
Industrial	32	32	32	32	32	32	32	32	32	32
Government	378	381	385	388	392	395	399	403	406	410
Other	28	28	29	29	29	29	30	30	30	30
Total	32,383	32,645	32,910	33,176	33,445	33,716	33,989	34,264	34,542	34,822

Customer Type	Demand 2031(ccf)	Demand 2032(ccf)	Demand 2033(ccf)	Demand 2034(ccf)	Demand 2035(ccf)	Demand 2036(ccf)	Demand 2037(ccf)	Demand 2038(ccf)	Demand 2039(ccf)	Demand 2040(ccf)
Residential	4,200,980	4,234,168	4,267,618	4,301,332	4,335,312	4,369,561	4,404,081	4,438,873	4,473,940	4,509,284
Multi- Residential	835,629	846,634	857,784	869,081	880,527	892,123	903,873	915,777	927,837	940,057
Commercial	1,673,421	1,688,565	1,703,847	1,719,267	1,734,826	1,750,526	1,766,368	1,782,354	1,798,484	1,814,761
Industrial	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745	231,745
Government	499,624	504,145	508,708	513,311	517,957	522,644	527,374	532,147	536,963	541,823
Other	22,357	22,560	22,764	22,970	23,178	23,388	23,599	23,813	24,028	24,246
Unaccounted	654,976	660,280	665,627	671,018	676,453	681,932	687,456	693,026	698,640	704,301
Total	8,118,731	8,188,096	8,258,092	8,328,724	8,399,998	8,471,920	8,544,497	8,617,734	8,691,639	8,766,216

Customer Type	Demand 2031(AF)	Demand 2032(AF)	Demand 2033(AF)	Demand 2034(AF)	Demand 2035(AF)	Demand 2036(AF)	Demand 2037(AF)	Demand 2038(AF)	Demand 2039(AF)	Demand 2040(AF)
Residential	9,644	9,720	9,797	9,875	9,953	10,031	10,110	10,190	10,271	10,352
Multi- Residential	1,918	1,944	1,969	1,995	2,021	2,048	2,075	2,102	2,130	2,158
Commercial	3,842	3,876	3,912	3,947	3,983	4,019	4,055	4,092	4,129	4,166
Industrial	532	532	532	532	532	532	532	532	532	532
Government	1,147	1,157	1,168	1,178	1,189	1,200	1,211	1,222	1,233	1,244
Other	51	52	52	53	53	54	54	55	55	56
Unaccounted	1,504	1,516	1,528	1,540	1,553	1,566	1,578	1,591	1,604	1,617
Total	18,638	18,797	18,958	19,120	19,284	19,449	19,616	19,784	19,953	20,125

California Water Service Company - Salinas District **Water Supply and Demand Analysis and Projections**

Worksheet 11

Scenario #2: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☒ Average ☐ High Demand per Service for each Customer Class.

Summary of Historical Growth Rate from Worksheet 2			
Customer Type	10 Yr. Avg. Historical Growth Rate	Individual Growth Rate Selected	Notes
Single Family Residential	0.79%	0.79%	Historical growth rate used
Multi Family Residential	1.32%	1.32%	Historical growth rate used
Commercial	1.72%	0.91%	Overall growth rate used
Industrial	-1.14%	0.00%	Zero maintained to keep current levels
Government	5.31%	0.91%	Overall growth rate used
Other	-4.42%	0.91%	Overall growth rate used
Overall	0.91%	0.81%	

Summary of Average Demand per Service from Worksheets 5 and 6									
Demand/Serv. Units	Residential	Multi-Residential (service) (unit)		Commercial	Industrial	Government	Total Other	Unaccounted Total Serv.	Combined Demand/Serv.
Gal/Service/Yr	127,747	1,522,584	75,808	535,032	9,822,320	1,540,879	681,507	22,286	237,492
AF/Service/Yr	0.392	4.673	0.233	1.642	30.144	4.729	2.091	0.068	0.729
Gal/Service/Day	350	4,171	208	1,466	26,910	4,222	1,867	61	651

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 11

30-year projection Summary

Scenario #2: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☒ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Projected Services 2010	Projected Services 2015	Projected Services 2020	Projected Services 2025	Projected Services 2030	Projected Services 2035	Projected Services 2040	Services projected to be added from 2010 - 2040
Single Family Residential	24,006	24,970	25,972	27,014	28,098	29,225	30,398	6,392
Multi Family Residential	373	398	425	454	484	517	552	179
Commercial	2,594	2,714	2,839	2,970	3,106	3,250	3,399	805
Industrial	32	32	32	32	32	32	32	0
Government	313	327	342	358	375	392	410	97
Other	23	24	25	27	28	29	30	7
Total	27,341	28,465	29,635	30,854	32,123	33,445	34,822	7,480

Customer Type	Projected Demand 2010 (ccf)	Projected Demand 2015 (ccf)	Projected Demand 2020 (ccf)	Projected Demand 2025 (ccf)	Projected Demand 2030 (ccf)	Projected Demand 2035 (ccf)	Projected Demand 2040 (ccf)	Projected demand to be added from 2010 - 2040 (ccf)
Single Family Residential	4,099,588	4,264,100	4,435,215	4,613,196	4,798,319	4,990,871	5,191,150	1,091,562
Multi Family Residential	758,888	810,195	864,970	923,448	985,880	1,052,533	1,123,692	364,804
Commercial	1,855,500	1,940,995	2,030,429	2,123,984	2,221,850	2,324,225	2,431,317	575,817
Industrial	420,175	420,175	420,175	420,175	420,175	420,175	420,175	0
Government	644,332	674,020	705,077	737,564	771,548	807,099	844,287	199,955
Other	21,144	22,118	23,137	24,203	25,318	26,485	27,705	6,561
Unaccounted	814,533	848,006	882,866	919,172	956,985	996,368	1,037,387	222,854
Total	8,614,159	8,979,609	9,361,868	9,761,743	10,180,076	10,617,755	11,075,713	2,461,553

Customer Type	Projected Demand 2010 (AF)	Projected Demand 2015 (AF)	Projected Demand 2020 (AF)	Projected Demand 2025 (AF)	Projected Demand 2030 (AF)	Projected Demand 2035 (AF)	Projected Demand 2040 (AF)	Projected demand to be added from 2010 - 2040 (AF)
Single Family Residential	9,411	9,789	10,182	10,591	11,016	11,458	11,917	2,506
Multi Family Residential	1,742	1,860	1,986	2,120	2,263	2,416	2,580	837
Commercial	4,260	4,456	4,661	4,876	5,101	5,336	5,582	1,322
Industrial	965	965	965	965	965	965	965	0
Government	1,479	1,547	1,619	1,693	1,771	1,853	1,938	459
Other	49	51	53	56	58	61	64	15
Unaccounted	1,870	1,947	2,027	2,110	2,197	2,287	2,382	512
Total	19,776	20,614	21,492	22,410	23,370	24,375	25,427	5,651

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 11

2000's Projections

Scenario #2: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☒ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Actual Services 2001	Actual Services 2002	Actual Services 2003	Actual Services 2004	Actual Services 2005	Actual Services 2006	Actual Services 2007	Actual Services 2008	Actual Services 2009	Projected Services 2010
Residential	23,214	23,385	23,642	23,954	23,985	23,973	24,077	23,831	23,818	24,006
Multi- Residential	324	324	324	324	324	323	323	342	368	373
Commercial	2,518	2,551	2,578	2,625	2,639	2,648	2,646	2,616	2,571	2,594
Industrial	35	35	35	33	33	34	34	33	32	32
Government	193	194	198	197	196	191	198	256	310	313
Other	33	33	32	38	31	27	32	29	23	23
Total	26,317	26,522	26,809	27,171	27,208	27,196	27,310	27,107	27,122	27,341

Customer Type	Demand 2001(ccf)	Demand 2002(ccf)	Demand 2003(ccf)	Demand 2004(ccf)	Demand 2005(ccf)	Demand 2006(ccf)	Demand 2007(ccf)	Demand 2008(ccf)	Demand 2009(ccf)	Demand 2010(ccf)
Residential	3,964,380	3,993,553	4,037,456	4,090,623	4,096,017	4,093,882	4,111,685	4,069,675	4,067,455	4,099,588
Multi- Residential	659,466	659,466	659,466	659,466	659,466	657,431	657,431	696,103	749,023	758,888
Commercial	1,800,951	1,824,554	1,843,865	1,877,481	1,887,494	1,893,931	1,892,501	1,871,044	1,838,859	1,855,500
Industrial	459,567	459,567	459,567	433,306	433,306	446,436	446,436	433,306	420,175	420,175
Government	397,551	399,610	407,850	405,790	403,730	393,431	407,850	527,321	638,553	644,332
Other	30,064	30,064	29,153	34,619	28,242	24,598	29,153	26,420	20,954	21,144
Unaccounted	784,030	790,133	798,685	809,450	810,569	810,197	813,601	807,553	808,000	814,533
Total	8,096,009	8,156,947	8,236,042	8,310,735	8,318,825	8,319,906	8,358,657	8,431,422	8,543,019	8,614,159

Customer Type	Demand 2001(AF)	Demand 2002(AF)	Demand 2003(AF)	Demand 2004(AF)	Demand 2005(AF)	Demand 2006(AF)	Demand 2007(AF)	Demand 2008(AF)	Demand 2009(AF)	Demand 2010(AF)
Residential	9,101	9,168	9,269	9,391	9,403	9,398	9,439	9,343	9,338	9,411
Multi- Residential	1,514	1,514	1,514	1,514	1,514	1,509	1,509	1,598	1,720	1,742
Commercial	4,134	4,189	4,233	4,310	4,333	4,348	4,345	4,295	4,221	4,260
Industrial	1,055	1,055	1,055	995	995	1,025	1,025	995	965	965
Government	913	917	936	932	927	903	936	1,211	1,466	1,479
Other	69	69	67	79	65	56	67	61	48	49
Unaccounted	1,800	1,814	1,834	1,858	1,861	1,860	1,868	1,854	1,855	1,870
Total	18,586	18,726	18,907	19,079	19,098	19,100	19,189	19,356	19,612	19,776

*Note: Projections for SF and MF services begin in 2009

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 11

2010's Projections

Scenario #2: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☒ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Projected Services 2011	Projected Services 2012	Projected Services 2013	Projected Services 2014	Projected Services 2015	Projected Services 2016	Projected Services 2017	Projected Services 2018	Projected Services 2019	Projected Services 2020
Residential	24,196	24,387	24,580	24,774	24,970	25,167	25,366	25,566	25,768	25,972
Multi- Residential	378	383	388	393	398	403	409	414	419	425
Commercial	2,618	2,641	2,665	2,689	2,714	2,738	2,763	2,788	2,813	2,839
Industrial	32	32	32	32	32	32	32	32	32	32
Government	316	318	321	324	327	330	333	336	339	342
Other	23	24	24	24	24	24	25	25	25	25
Total	27,562	27,785	28,010	28,236	28,465	28,695	28,927	29,161	29,397	29,635

Customer Type	Demand 2011(ccf)	Demand 2012(ccf)	Demand 2013(ccf)	Demand 2014(ccf)	Demand 2015(ccf)	Demand 2016(ccf)	Demand 2017(ccf)	Demand 2018(ccf)	Demand 2019(ccf)	Demand 2020(ccf)
Residential	4,131,975	4,164,617	4,197,518	4,230,678	4,264,100	4,297,787	4,331,739	4,365,960	4,400,451	4,435,215
Multi- Residential	768,883	779,009	789,268	799,663	810,195	820,865	831,676	842,629	853,726	864,970
Commercial	1,872,292	1,889,237	1,906,334	1,923,587	1,940,995	1,958,561	1,976,286	1,994,171	2,012,219	2,030,429
Industrial	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175
Government	650,163	656,047	661,984	667,975	674,020	680,120	686,275	692,486	698,753	705,077
Other	21,335	21,528	21,723	21,919	22,118	22,318	22,520	22,724	22,929	23,137
Unaccounted	821,119	827,759	834,453	841,202	848,006	854,865	861,780	868,752	875,780	882,866
Total	8,685,942	8,758,372	8,831,455	8,905,199	8,979,609	9,054,691	9,130,451	9,206,897	9,284,033	9,361,868

Customer Type	Demand 2011(AF)	Demand 2012(AF)	Demand 2013(AF)	Demand 2014(AF)	Demand 2015(AF)	Demand 2016(AF)	Demand 2017(AF)	Demand 2018(AF)	Demand 2019(AF)	Demand 2020(AF)
Residential	9,486	9,561	9,636	9,712	9,789	9,866	9,944	10,023	10,102	10,182
Multi- Residential	1,765	1,788	1,812	1,836	1,860	1,884	1,909	1,934	1,960	1,986
Commercial	4,298	4,337	4,376	4,416	4,456	4,496	4,537	4,578	4,619	4,661
Industrial	965	965	965	965	965	965	965	965	965	965
Government	1,493	1,506	1,520	1,533	1,547	1,561	1,575	1,590	1,604	1,619
Other	49	49	50	50	51	51	52	52	53	53
Unaccounted	1,885	1,900	1,916	1,931	1,947	1,963	1,978	1,994	2,011	2,027
Total	19,940	20,107	20,274	20,444	20,614	20,787	20,961	21,136	21,313	21,492

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 11

Scenario #2: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☒ Average ☐ High Demand per Service for each Customer Class.

Customer Type	Projected Services 2021	Projected Services 2022	Projected Services 2023	Projected Services 2024	Projected Services 2025	Projected Services 2026	Projected Services 2027	Projected Services 2028	Projected Services 2029	Projected Services 2030
Residential	26,177	26,383	26,592	26,802	27,014	27,227	27,442	27,659	27,878	28,098
Multi- Residential	431	436	442	448	454	460	466	472	478	484
Commercial	2,865	2,890	2,917	2,943	2,970	2,997	3,024	3,051	3,079	3,106
Industrial	32	32	32	32	32	32	32	32	32	32
Government	345	349	352	355	358	361	365	368	371	375
Other	26	26	26	26	27	27	27	27	28	28
Total	29,875	30,117	30,360	30,606	30,854	31,103	31,355	31,609	31,865	32,123

Customer Type	Demand 2021(ccf)	Demand 2022(ccf)	Demand 2023(ccf)	Demand 2024(ccf)	Demand 2025(ccf)	Demand 2026(ccf)	Demand 2027(ccf)	Demand 2028(ccf)	Demand 2029(ccf)	Demand 2030(ccf)
Residential	4,470,253	4,505,568	4,541,162	4,577,037	4,613,196	4,649,640	4,686,372	4,723,394	4,760,709	4,798,319
Multi- Residential	876,361	887,903	899,597	911,444	923,448	935,610	947,932	960,416	973,065	985,880
Commercial	2,048,805	2,067,346	2,086,056	2,104,935	2,123,984	2,143,206	2,162,602	2,182,174	2,201,923	2,221,850
Industrial	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175
Government	711,457	717,896	724,393	730,949	737,564	744,239	750,974	757,771	764,628	771,548
Other	23,346	23,558	23,771	23,986	24,203	24,422	24,643	24,866	25,091	25,318
Unaccounted	890,010	897,212	904,472	911,792	919,172	926,612	934,113	941,675	949,299	956,985
Total	9,440,408	9,519,658	9,599,626	9,680,319	9,761,743	9,843,905	9,926,812	10,010,472	10,094,891	10,180,076

Customer Type	Demand 2021(AF)	Demand 2022(AF)	Demand 2023(AF)	Demand 2024(AF)	Demand 2025(AF)	Demand 2026(AF)	Demand 2027(AF)	Demand 2028(AF)	Demand 2029(AF)	Demand 2030(AF)
Residential	10,262	10,343	10,425	10,508	10,591	10,674	10,759	10,843	10,929	11,016
Multi- Residential	2,012	2,038	2,065	2,092	2,120	2,148	2,176	2,205	2,234	2,263
Commercial	4,703	4,746	4,789	4,832	4,876	4,920	4,965	5,010	5,055	5,101
Industrial	965	965	965	965	965	965	965	965	965	965
Government	1,633	1,648	1,663	1,678	1,693	1,709	1,724	1,740	1,755	1,771
Other	54	54	55	55	56	56	57	57	58	58
Unaccounted	2,043	2,060	2,076	2,093	2,110	2,127	2,144	2,162	2,179	2,197
Total	21,672	21,854	22,038	22,223	22,410	22,599	22,789	22,981	23,175	23,370

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 11

2030's Projections

Scenario #2: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

☐ Low
☒ Average
☐ High

Demand per Service for each Customer Class.

Customer Type	Projected Services 2031	Projected Services 2032	Projected Services 2033	Projected Services 2034	Projected Services 2035	Projected Services 2036	Projected Services 2037	Projected Services 2038	Projected Services 2039	Projected Services 2040
Residential	28,320	28,543	28,769	28,996	29,225	29,456	29,689	29,923	30,160	30,398
Multi- Residential	491	497	504	510	517	524	531	538	545	552
Commercial	3,135	3,163	3,192	3,220	3,250	3,279	3,309	3,339	3,369	3,399
Industrial	32	32	32	32	32	32	32	32	32	32
Government	378	381	385	388	392	395	399	403	406	410
Other	28	28	29	29	29	29	30	30	30	30
Total	32,383	32,645	32,910	33,176	33,445	33,716	33,989	34,264	34,542	34,822

Customer Type	Demand 2031(ccf)	Demand 2032(ccf)	Demand 2033(ccf)	Demand 2034(ccf)	Demand 2035(ccf)	Demand 2036(ccf)	Demand 2037(ccf)	Demand 2038(ccf)	Demand 2039(ccf)	Demand 2040(ccf)
Residential	4,836,226	4,874,432	4,912,940	4,951,752	4,990,871	5,030,299	5,070,038	5,110,091	5,150,461	5,191,150
Multi- Residential	998,864	1,012,019	1,025,348	1,038,851	1,052,533	1,066,395	1,080,439	1,094,669	1,109,086	1,123,692
Commercial	2,241,958	2,262,247	2,282,721	2,303,379	2,324,225	2,345,259	2,366,484	2,387,901	2,409,511	2,431,317
Industrial	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175	420,175
Government	778,531	785,577	792,686	799,860	807,099	814,403	821,773	829,210	836,715	844,287
Other	25,547	25,778	26,012	26,247	26,485	26,724	26,966	27,210	27,456	27,705
Unaccounted	964,734	972,546	980,422	988,363	996,368	1,004,439	1,012,575	1,020,779	1,029,049	1,037,387
Total	10,266,035	10,352,775	10,440,303	10,528,628	10,617,755	10,707,694	10,798,451	10,890,035	10,982,453	11,075,713

Customer Type	Demand 2031(AF)	Demand 2032(AF)	Demand 2033(AF)	Demand 2034(AF)	Demand 2035(AF)	Demand 2036(AF)	Demand 2037(AF)	Demand 2038(AF)	Demand 2039(AF)	Demand 2040(AF)
Residential	11,103	11,190	11,279	11,368	11,458	11,548	11,639	11,731	11,824	11,917
Multi- Residential	2,293	2,323	2,354	2,385	2,416	2,448	2,480	2,513	2,546	2,580
Commercial	5,147	5,193	5,240	5,288	5,336	5,384	5,433	5,482	5,532	5,582
Industrial	965	965	965	965	965	965	965	965	965	965
Government	1,787	1,803	1,820	1,836	1,853	1,870	1,887	1,904	1,921	1,938
Other	59	59	60	60	61	61	62	62	63	64
Unaccounted	2,215	2,233	2,251	2,269	2,287	2,306	2,325	2,343	2,362	2,382
Total	23,568	23,767	23,968	24,171	24,375	24,582	24,790	25,000	25,212	25,427

California Water Service Company - Salinas District **Water Supply and Demand Analysis and Projections**

Worksheet 12

Scenario #3: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☐ Average ☒ High Demand per Service for each Customer Class.

Summary of Historical Growth Rate from Worksheet 2			
Customer Type	10 Yr. Avg. Historical Growth Rate	Individual Growth Rate Selected	Notes
Single Family Residential	0.79%	0.79%	Historical growth rate used
Multi Family Residential	1.32%	1.32%	Historical growth rate used
Commercial	1.72%	0.91%	Overall growth rate used
Industrial	-1.14%	0.00%	Zero maintained to keep current levels
Government	5.31%	0.91%	Overall growth rate used
Other	-4.42%	0.91%	Overall growth rate used
Overall	0.91%	0.81%	

Summary of Maximum Demand per Service from Worksheets 5 and 6									
Demand/Serv. Units	Residential	Multi-Residential		Commercial	Industrial	Government	Total Other	Unaccounted Total Serv.	Combined Demand/Serv.
		(service)	(unit)						
Gal/Service/Yr	143,006	1,729,337	83,298	678,325	17,109,759	1,871,870	1,116,954	39,024	268,885
AF/Service/Yr	0.439	5.307	0.256	2.082	52.508	5.745	3.428	0.120	0.825
Gal/Service/Day	392	4,738	228	1,858	46,876	5,128	3,060	107	737

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 12

Scenario #3: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

☐ Low

☐ Average

☒ High

30-year projection Summary

Demand per Service for each Customer Class.

Customer Type	Projected Services 2010	Projected Services 2015	Projected Services 2020	Projected Services 2025	Projected Services 2030	Projected Services 2035	Projected Services 2040	Services projected to be added from 2010 - 2040
Single Family Residential	24,006	24,970	25,972	27,014	28,098	29,225	30,398	6,392
Multi Family Residential	373	398	425	454	484	517	552	179
Commercial	2,594	2,714	2,839	2,970	3,106	3,250	3,399	805
Industrial	32	32	32	32	32	32	32	0
Government	313	327	342	358	375	392	410	97
Other	23	24	25	27	28	29	30	7
Total	27,341	28,465	29,635	30,854	32,123	33,445	34,822	7,480

Customer Type	Projected Demand 2010 (ccf)	Projected Demand 2015 (ccf)	Projected Demand 2020 (ccf)	Projected Demand 2025 (ccf)	Projected Demand 2030 (ccf)	Projected Demand 2035 (ccf)	Projected Demand 2040 (ccf)	Projected demand to be added from 2010 - 2040 (ccf)
Single Family Residential	4,589,264	4,773,427	4,964,980	5,164,220	5,371,455	5,587,006	5,811,207	1,221,944
Multi Family Residential	861,938	920,212	982,425	1,048,844	1,119,754	1,195,458	1,276,280	414,341
Commercial	2,352,443	2,460,835	2,574,222	2,692,833	2,816,909	2,946,702	3,082,476	730,033
Industrial	731,914	731,914	731,914	731,914	731,914	731,914	731,914	0
Government	782,738	818,804	856,532	895,998	937,282	980,469	1,025,645	242,907
Other	34,653	36,250	37,920	39,667	41,495	43,407	45,407	10,754
Unaccounted	1,426,319	1,484,933	1,545,976	1,609,552	1,675,766	1,744,729	1,816,556	390,237
Total	10,779,270	11,226,375	11,693,969	12,183,028	12,694,575	13,229,685	13,789,486	3,010,216

Customer Type	Projected Demand 2010 (AF)	Projected Demand 2015 (AF)	Projected Demand 2020 (AF)	Projected Demand 2025 (AF)	Projected Demand 2030 (AF)	Projected Demand 2035 (AF)	Projected Demand 2040 (AF)	Projected demand to be added from 2010 - 2040 (AF)
Single Family Residential	10,536	10,958	11,398	11,855	12,331	12,826	13,341	2,805
Multi Family Residential	1,979	2,113	2,255	2,408	2,571	2,744	2,930	951
Commercial	5,401	5,649	5,910	6,182	6,467	6,765	7,076	1,676
Industrial	1,680	1,680	1,680	1,680	1,680	1,680	1,680	0
Government	1,797	1,880	1,966	2,057	2,152	2,251	2,355	558
Other	80	83	87	91	95	100	104	25
Unaccounted	3,274	3,409	3,549	3,695	3,847	4,005	4,170	896
Total	24,746	25,772	26,846	27,969	29,143	30,371	31,657	6,911

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 12

Scenario #3: Based on Maintaining Growth at the ☒ 10-Year ☐ 5-Year Average Annual Growth and ☐ Low ☐ Average ☒ High Demand per Service for each Customer Class.

Customer Type	Actual Services 2001	Actual Services 2002	Actual Services 2003	Actual Services 2004	Actual Services 2005	Actual Services 2006	Actual Services 2007	Actual Services 2008	Actual Services 2009	Projected Services 2010
Residential	23,214	23,385	23,642	23,954	23,985	23,973	24,077	23,831	23,818	24,006
Multi- Residential	324	324	324	324	324	323	323	342	368	373
Commercial	2,518	2,551	2,578	2,625	2,639	2,648	2,646	2,616	2,571	2,594
Industrial	35	35	35	33	33	34	34	33	32	32
Government	193	194	198	197	196	191	198	256	310	313
Other	33	33	32	38	31	27	32	29	23	23
Total	26,317	26,522	26,809	27,171	27,208	27,196	27,310	27,107	27,122	27,341

Customer Type	Demand 2001(ccf)	Demand 2002(ccf)	Demand 2003(ccf)	Demand 2004(ccf)	Demand 2005(ccf)	Demand 2006(ccf)	Demand 2007(ccf)	Demand 2008(ccf)	Demand 2009(ccf)	Demand 2010(ccf)
Residential	4,437,906	4,470,564	4,519,711	4,579,228	4,585,266	4,582,876	4,602,806	4,555,778	4,553,293	4,589,264
Multi- Residential	749,016	749,016	749,016	749,016	749,016	746,704	746,704	790,628	850,734	861,938
Commercial	2,283,285	2,313,209	2,337,692	2,380,311	2,393,006	2,401,167	2,399,353	2,372,150	2,331,344	2,352,443
Industrial	800,531	800,531	800,531	754,787	754,787	777,659	777,659	754,787	731,914	731,914
Government	482,947	485,449	495,459	492,956	490,454	477,942	495,459	640,593	775,718	782,738
Other	49,274	49,274	47,781	56,739	46,287	40,315	47,781	43,301	34,342	34,653
Unaccounted	1,372,907	1,383,592	1,398,569	1,417,418	1,419,379	1,418,727	1,424,687	1,414,097	1,414,880	1,426,319
Total	10,175,865	10,251,635	10,348,757	10,430,456	10,438,195	10,445,390	10,494,448	10,571,333	10,692,225	10,779,270

Customer Type	Demand 2001(AF)	Demand 2002(AF)	Demand 2003(AF)	Demand 2004(AF)	Demand 2005(AF)	Demand 2006(AF)	Demand 2007(AF)	Demand 2008(AF)	Demand 2009(AF)	Demand 2010(AF)
Residential	10,188	10,263	10,376	10,513	10,526	10,521	10,567	10,459	10,453	10,536
Multi- Residential	1,720	1,720	1,720	1,720	1,720	1,714	1,714	1,815	1,953	1,979
Commercial	5,242	5,310	5,367	5,464	5,494	5,512	5,508	5,446	5,352	5,401
Industrial	1,838	1,838	1,838	1,733	1,733	1,785	1,785	1,733	1,680	1,680
Government	1,109	1,114	1,137	1,132	1,126	1,097	1,137	1,471	1,781	1,797
Other	113	113	110	130	106	93	110	99	79	80
Unaccounted	3,152	3,176	3,211	3,254	3,258	3,257	3,271	3,246	3,248	3,274
Total	23,361	23,535	23,758	23,945	23,963	23,979	24,092	24,269	24,546	24,746

*Note: Projections for SF and MF services begin in 2009

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 12

Scenario #3: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

2010's Projections

☐ Low

☐ Average

☒ High

Demand per Service for each Customer Class.

Customer Type	Projected Services 2011	Projected Services 2012	Projected Services 2013	Projected Services 2014	Projected Services 2015	Projected Services 2016	Projected Services 2017	Projected Services 2018	Projected Services 2019	Projected Services 2020
Residential	24,196	24,387	24,580	24,774	24,970	25,167	25,366	25,566	25,768	25,972
Multi- Residential	378	383	388	393	398	403	409	414	419	425
Commercial	2,618	2,641	2,665	2,689	2,714	2,738	2,763	2,788	2,813	2,839
Industrial	32	32	32	32	32	32	32	32	32	32
Government	316	318	321	324	327	330	333	336	339	342
Other	23	24	24	24	24	24	25	25	25	25
Total	27,562	27,785	28,010	28,236	28,465	28,695	28,927	29,161	29,397	29,635

Customer Type	Demand 2011(ccf)	Demand 2012(ccf)	Demand 2013(ccf)	Demand 2014(ccf)	Demand 2015(ccf)	Demand 2016(ccf)	Demand 2017(ccf)	Demand 2018(ccf)	Demand 2019(ccf)	Demand 2020(ccf)
Residential	4,625,519	4,662,061	4,698,891	4,736,012	4,773,427	4,811,137	4,849,145	4,887,453	4,926,064	4,964,980
Multi- Residential	873,290	884,791	896,444	908,250	920,212	932,331	944,610	957,050	969,655	982,425
Commercial	2,373,733	2,395,215	2,416,892	2,438,764	2,460,835	2,483,106	2,505,578	2,528,253	2,551,134	2,574,222
Industrial	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914
Government	789,822	796,970	804,182	811,460	818,804	826,214	833,691	841,236	848,849	856,532
Other	34,967	35,283	35,602	35,925	36,250	36,578	36,909	37,243	37,580	37,920
Unaccounted	1,437,852	1,449,479	1,461,201	1,473,019	1,484,933	1,496,944	1,509,053	1,521,261	1,533,568	1,545,976
Total	10,867,097	10,955,714	11,045,127	11,135,345	11,226,375	11,318,224	11,410,900	11,504,411	11,598,765	11,693,969

Customer Type	Demand 2011(AF)	Demand 2012(AF)	Demand 2013(AF)	Demand 2014(AF)	Demand 2015(AF)	Demand 2016(AF)	Demand 2017(AF)	Demand 2018(AF)	Demand 2019(AF)	Demand 2020(AF)
Residential	10,619	10,703	10,787	10,872	10,958	11,045	11,132	11,220	11,309	11,398
Multi- Residential	2,005	2,031	2,058	2,085	2,113	2,140	2,169	2,197	2,226	2,255
Commercial	5,449	5,499	5,548	5,599	5,649	5,700	5,752	5,804	5,857	5,910
Industrial	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
Government	1,813	1,830	1,846	1,863	1,880	1,897	1,914	1,931	1,949	1,966
Other	80	81	82	82	83	84	85	85	86	87
Unaccounted	3,301	3,328	3,354	3,382	3,409	3,437	3,464	3,492	3,521	3,549
Total	24,948	25,151	25,356	25,563	25,772	25,983	26,196	26,411	26,627	26,846

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 12

Scenario #3: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

☐ Low

☐ Average

☒ High

2020's Projections

Demand per Service for each Customer Class.

Customer Type	Projected Services 2021	Projected Services 2022	Projected Services 2023	Projected Services 2024	Projected Services 2025	Projected Services 2026	Projected Services 2027	Projected Services 2028	Projected Services 2029	Projected Services 2030
Residential	26,177	26,383	26,592	26,802	27,014	27,227	27,442	27,659	27,878	28,098
Multi- Residential	431	436	442	448	454	460	466	472	478	484
Commercial	2,865	2,890	2,917	2,943	2,970	2,997	3,024	3,051	3,079	3,106
Industrial	32	32	32	32	32	32	32	32	32	32
Government	345	349	352	355	358	361	365	368	371	375
Other	26	26	26	26	27	27	27	27	28	28
Total	29,875	30,117	30,360	30,606	30,854	31,103	31,355	31,609	31,865	32,123

Customer Type	Demand 2021(ccf)	Demand 2022(ccf)	Demand 2023(ccf)	Demand 2024(ccf)	Demand 2025(ccf)	Demand 2026(ccf)	Demand 2027(ccf)	Demand 2028(ccf)	Demand 2029(ccf)	Demand 2030(ccf)
Residential	5,004,203	5,043,736	5,083,582	5,123,742	5,164,220	5,205,017	5,246,137	5,287,581	5,329,353	5,371,455
Multi- Residential	995,364	1,008,472	1,021,754	1,035,211	1,048,844	1,062,658	1,076,653	1,090,832	1,105,199	1,119,754
Commercial	2,597,519	2,621,026	2,644,746	2,668,681	2,692,833	2,717,203	2,741,794	2,766,607	2,791,645	2,816,909
Industrial	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914
Government	864,283	872,105	879,997	887,961	895,998	904,106	912,288	920,545	928,876	937,282
Other	38,263	38,610	38,959	39,312	39,667	40,026	40,389	40,754	41,123	41,495
Unaccounted	1,558,486	1,571,097	1,583,811	1,596,629	1,609,552	1,622,580	1,635,715	1,648,957	1,662,307	1,675,766
Total	11,790,032	11,886,961	11,984,764	12,083,451	12,183,028	12,283,505	12,384,889	12,487,190	12,590,416	12,694,575

Customer Type	Demand 2021(AF)	Demand 2022(AF)	Demand 2023(AF)	Demand 2024(AF)	Demand 2025(AF)	Demand 2026(AF)	Demand 2027(AF)	Demand 2028(AF)	Demand 2029(AF)	Demand 2030(AF)
Residential	11,488	11,579	11,670	11,763	11,855	11,949	12,044	12,139	12,235	12,331
Multi- Residential	2,285	2,315	2,346	2,377	2,408	2,440	2,472	2,504	2,537	2,571
Commercial	5,963	6,017	6,072	6,126	6,182	6,238	6,294	6,351	6,409	6,467
Industrial	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
Government	1,984	2,002	2,020	2,038	2,057	2,076	2,094	2,113	2,132	2,152
Other	88	89	89	90	91	92	93	94	94	95
Unaccounted	3,578	3,607	3,636	3,665	3,695	3,725	3,755	3,786	3,816	3,847
Total	27,066	27,289	27,513	27,740	27,969	28,199	28,432	28,667	28,904	29,143

California Water Service Company - Consolidated Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 12

Scenario #3: Based on Maintaining Growth at the

☒ 10-Year
☐ 5-Year

Average Annual Growth and

2030's Projections

☐ Low

☐ Average

☒ High

Demand per Service for each Customer Class.

Customer Type	Projected Services 2031	Projected Services 2032	Projected Services 2033	Projected Services 2034	Projected Services 2035	Projected Services 2036	Projected Services 2037	Projected Services 2038	Projected Services 2039	Projected Services 2040
Residential	28,320	28,543	28,769	28,996	29,225	29,456	29,689	29,923	30,160	30,398
Multi- Residential	491	497	504	510	517	524	531	538	545	552
Commercial	3,135	3,163	3,192	3,220	3,250	3,279	3,309	3,339	3,369	3,399
Industrial	32	32	32	32	32	32	32	32	32	32
Government	378	381	385	388	392	395	399	403	406	410
Other	28	28	29	29	29	29	30	30	30	30
Total	32,383	32,645	32,910	33,176	33,445	33,716	33,989	34,264	34,542	34,822

Customer Type	Demand 2031(ccf)	Demand 2032(ccf)	Demand 2033(ccf)	Demand 2034(ccf)	Demand 2035(ccf)	Demand 2036(ccf)	Demand 2037(ccf)	Demand 2038(ccf)	Demand 2039(ccf)	Demand 2040(ccf)
Residential	5,413,889	5,456,659	5,499,767	5,543,215	5,587,006	5,631,144	5,675,630	5,720,467	5,765,659	5,811,207
Multi- Residential	1,134,501	1,149,443	1,164,581	1,179,918	1,195,458	1,211,202	1,227,153	1,243,315	1,259,690	1,276,280
Commercial	2,842,402	2,868,126	2,894,082	2,920,274	2,946,702	2,973,370	3,000,279	3,027,432	3,054,830	3,082,476
Industrial	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914	731,914
Government	945,764	954,323	962,960	971,675	980,469	989,342	998,295	1,007,330	1,016,446	1,025,645
Other	41,871	42,249	42,632	43,018	43,407	43,800	44,196	44,596	45,000	45,407
Unaccounted	1,689,335	1,703,015	1,716,806	1,730,711	1,744,729	1,758,861	1,773,109	1,787,474	1,801,956	1,816,556
Total	12,799,677	12,905,730	13,012,743	13,120,725	13,229,685	13,339,633	13,450,577	13,562,528	13,675,494	13,789,486

Customer Type	Demand 2031(AF)	Demand 2032(AF)	Demand 2033(AF)	Demand 2034(AF)	Demand 2035(AF)	Demand 2036(AF)	Demand 2037(AF)	Demand 2038(AF)	Demand 2039(AF)	Demand 2040(AF)
Residential	12,429	12,527	12,626	12,726	12,826	12,927	13,030	13,132	13,236	13,341
Multi- Residential	2,604	2,639	2,674	2,709	2,744	2,781	2,817	2,854	2,892	2,930
Commercial	6,525	6,584	6,644	6,704	6,765	6,826	6,888	6,950	7,013	7,076
Industrial	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
Government	2,171	2,191	2,211	2,231	2,251	2,271	2,292	2,313	2,333	2,355
Other	96	97	98	99	100	101	101	102	103	104
Unaccounted	3,878	3,910	3,941	3,973	4,005	4,038	4,071	4,104	4,137	4,170
Total	29,384	29,628	29,873	30,121	30,371	30,624	30,878	31,135	31,395	31,657

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 13

Scenario #4: Based on Maintaining Growth at the ☐ 10-Year ☒ 5-Year Average Annual Growth

Summary of Historical Growth Rate from Worksheet 2			
Customer Type	5 Yr. Avg. Historical Growth Rate	Individual Growth Rate Selected	Notes
Single Family Residential	-0.11%	0.40%	Half of 10-year growth rate used
Multi Family Residential	2.63%	-0.03%	Overall growth rate used
Commercial	-0.41%	-0.41%	Historical growth rate used
Industrial	-0.59%	-0.03%	Overall growth rate used
Government	10.20%	-0.03%	Overall growth rate used
Other	-8.57%	-0.03%	Overall growth rate used
Overall	-0.03%	0.31%	

California Water Service Company - Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 13

30-year projection Summary

Scenario #4: Based on Maintaining Growth at the ☐ 10-Year
☒ 5-Year Average Annual Growth

Customer Type	Projected Services 2010	Projected Services 2015	Projected Services 2020	Projected Services 2025	Projected Services 2030	Projected Services 2035	Projected Services 2040	Services projected to be added from 2010 - 2040
Single Family Residential	23,912	24,388	24,874	25,369	25,874	26,389	26,914	3,002
Multi Family Residential	368	367	367	366	365	365	364	-4
Commercial	2,560	2,508	2,457	2,407	2,357	2,309	2,262	-298
Industrial	32	32	32	32	32	32	32	0
Government	310	309	309	308	308	307	307	-3
Other	23	23	23	23	23	23	23	0
Total	27,205	27,628	28,061	28,504	28,959	29,425	29,902	2,696

California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 13

2000's Projections

Scenario #4: Based on Maintaining Growth at the ☐ 10-Year Average Annual Growth
☒ 5-Year

Customer Type	Actual Services 2001	Actual Services 2002	Actual Services 2003	Actual Services 2004	Actual Services 2005	Actual Services 2006	Actual Services 2007	Actual Services 2008	Actual Services 2009	Projected Services 2010
Resident	23,214	23,385	23,642	23,954	23,985	23,973	24,077	23,831	23,818	23,912
Multi- Residential	324	324	324	324	324	323	323	342	368	368
Commercial	2,518	2,551	2,578	2,625	2,639	2,648	2,646	2,616	2,571	2,560
Industrial	35	35	35	33	33	34	34	33	32	32
Government	193	194	198	197	196	191	198	256	310	310
Other	33	33	32	38	31	27	32	29	23	23
Total	26,317	26,522	26,809	27,171	27,208	27,196	27,310	27,107	27,122	27,205

*Note: Projections for SF and MF services begin in 2009

2010's Projections

Customer Type	Projected Services 2011	Projected Services 2012	Projected Services 2013	Projected Services 2014	Projected Services 2015	Projected Services 2016	Projected Services 2017	Projected Services 2018	Projected Services 2019	Projected Services 2020
Resident	24,007	24,101	24,197	24,292	24,388	24,484	24,581	24,678	24,776	24,874
Multi- Residential	368	368	367	367	367	367	367	367	367	367
Commercial	2,550	2,539	2,529	2,518	2,508	2,498	2,487	2,477	2,467	2,457
Industrial	32	32	32	32	32	32	32	32	32	32
Government	310	310	310	309	309	309	309	309	309	309
Other	23	23	23	23	23	23	23	23	23	23
Total	27,289	27,373	27,457	27,542	27,628	27,713	27,800	27,886	27,973	28,061

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 13

2020's Projections

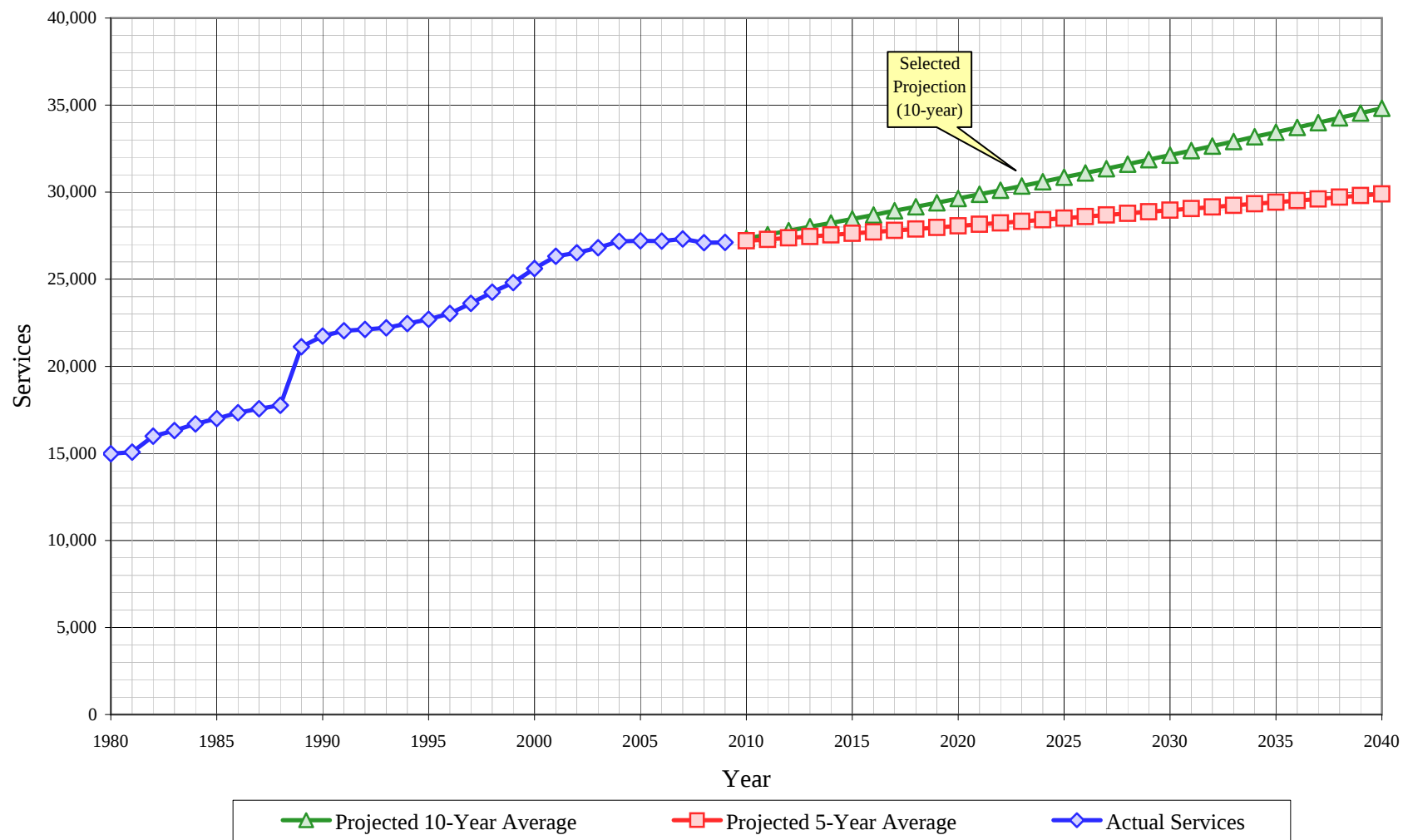
Scenario #4: Based on Maintaining Growth at the ☐ 10-Year Average Annual Growth
☒ 5-Year

Customer Type	Projected Services 2021	Projected Services 2022	Projected Services 2023	Projected Services 2024	Projected Services 2025	Projected Services 2026	Projected Services 2027	Projected Services 2028	Projected Services 2029	Projected Services 2030
Resident	24,972	25,070	25,169	25,269	25,369	25,469	25,570	25,671	25,772	25,874
Multi- Residential	367	366	366	366	366	366	366	366	366	365
Commercial	2,447	2,437	2,427	2,417	2,407	2,397	2,387	2,377	2,367	2,357
Industrial	32	32	32	32	32	32	32	32	32	32
Government	309	309	309	308	308	308	308	308	308	308
Other	23	23	23	23	23	23	23	23	23	23
Total	28,149	28,237	28,326	28,415	28,504	28,594	28,685	28,776	28,867	28,959

2030's Projections

Customer Type	Projected Services 2031	Projected Services 2032	Projected Services 2033	Projected Services 2034	Projected Services 2035	Projected Services 2036	Projected Services 2037	Projected Services 2038	Projected Services 2039	Projected Services 2040
Resident	25,976	26,079	26,182	26,285	26,389	26,493	26,598	26,703	26,808	26,914
Multi- Residential	365	365	365	365	365	365	365	364	364	364
Commercial	2,348	2,338	2,328	2,319	2,309	2,300	2,290	2,281	2,271	2,262
Industrial	32	32	32	32	32	32	32	32	32	32
Government	308	308	307	307	307	307	307	307	307	307
Other	23	23	23	23	23	23	23	23	23	23
Total	29,051	29,144	29,237	29,331	29,425	29,519	29,614	29,709	29,805	29,902

Salinas District Historical & Projected Services



California Water Service Company - Consolidated Salinas District

Worksheet 15

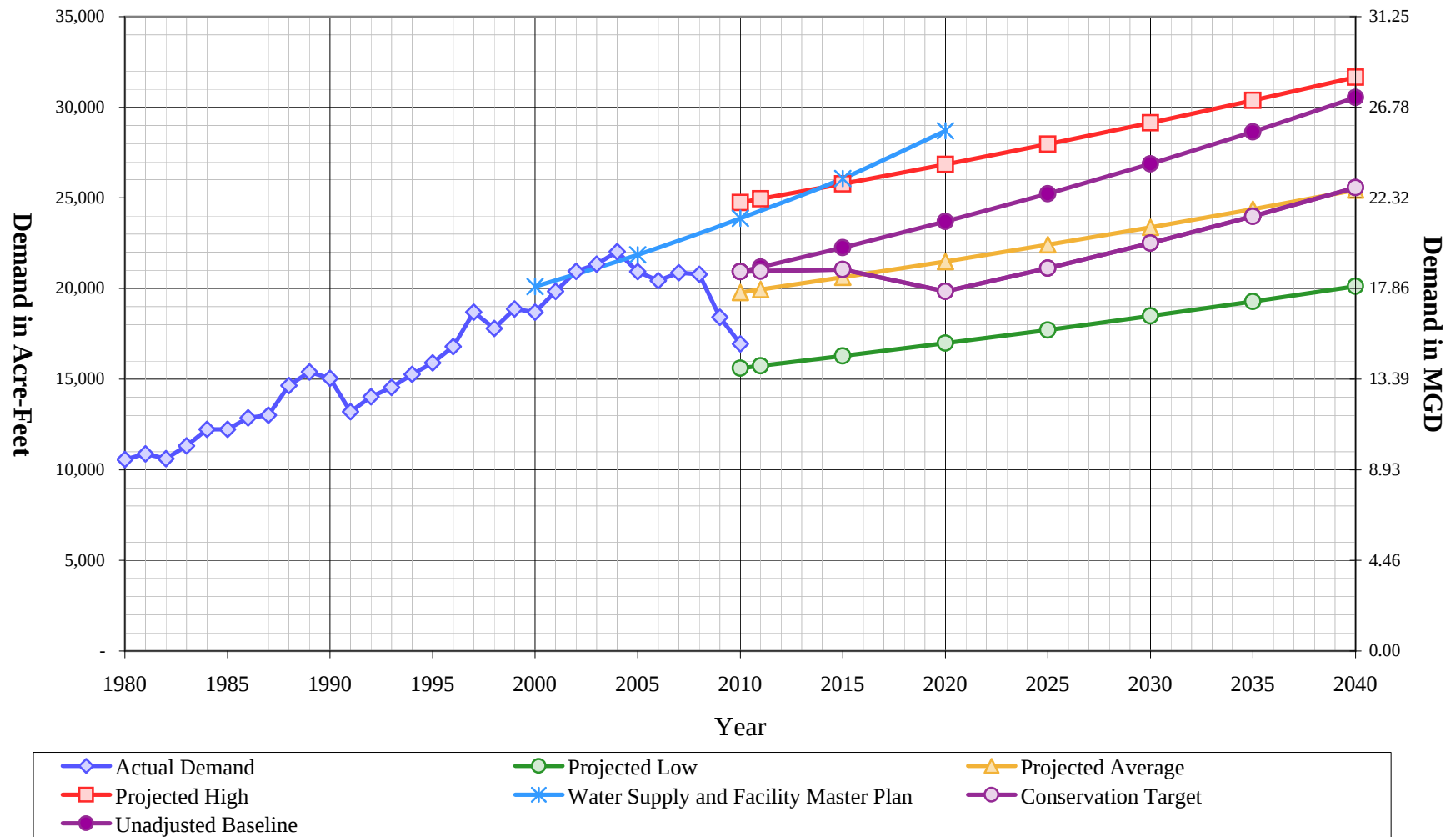
Water Supply and Demand Analysis and Projections

Projected Annual Average Services

Year	Actual Services	Projected Services	
		10-Year Average	5-Year Average
1980	14,980		
1981	15,074		
1982	15,986		
1983	16,311		
1984	16,685		
1985	17,003		
1986	17,338		
1987	17,559		
1988	17,754		
1989	21,121		
1990	21,737		
1991	22,037		
1992	22,115		
1993	22,201		
1994	22,450		
1995	22,698		
1996	23,040		
1997	23,619		
1998	24,262		
1999	24,806		
2000	25,611		
2001	26,317		
2002	26,522		
2003	26,809		
2004	27,171		
2005	27,208		
2006	27,196		
2007	27,310		
2008	27,107		
2009	27,122		
2010		27,341	27,205

Year	Actual Services	Projected Services	
		10-Year Average	5-Year Average
2011		27,562	27,289
2012		27,785	27,373
2013		28,010	27,457
2014		28,236	27,542
2015		28,465	27,628
2016		28,695	27,713
2017		28,927	27,800
2018		29,161	27,886
2019		29,397	27,973
2020		29,635	28,061
2021		29,875	28,149
2022		30,117	28,237
2023		30,360	28,326
2024		30,606	28,415
2025		30,854	28,504
2026		31,103	28,594
2027		31,355	28,685
2028		31,609	28,776
2029		31,865	28,867
2030		32,123	28,959
2031		32,383	29,051
2032		32,645	29,144
2033		32,910	29,237
2034		33,176	29,331
2035		33,445	29,425
2036		33,716	29,519
2037		33,989	29,614
2038		34,264	29,709
2039		34,542	29,805
2040		34,822	29,902

Salinas District Historical & Projected Demand



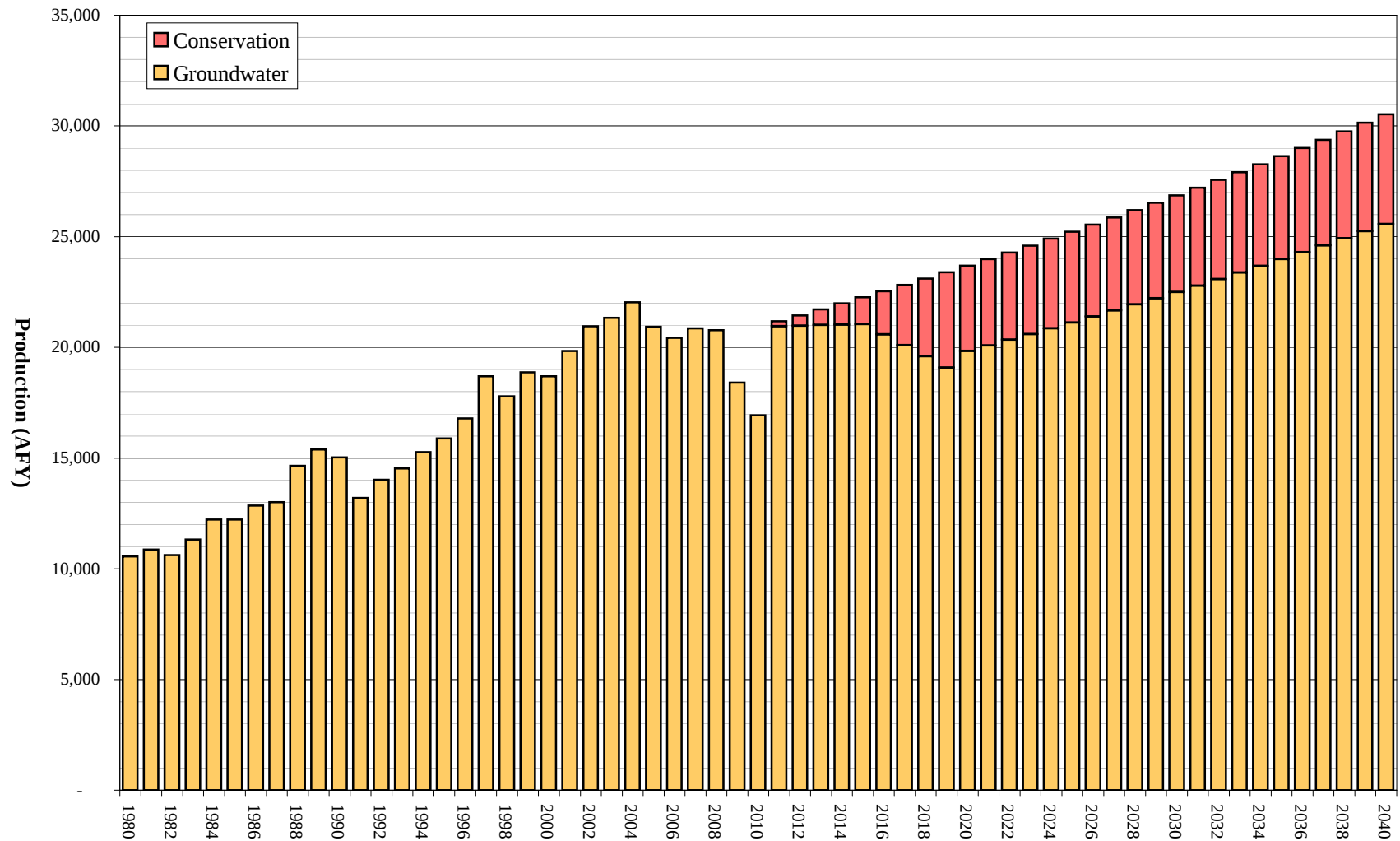
California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Projected Demand

Worksheet 16

Year	AFY						MGD					
	Actual Demand	Low	Projected Average	High	Unadjusted Baseline Demand	Target Demand	Actual Demand	Low	Projected Average	High	Unadjusted Baseline Demand	Conservation Target
1980	10,562						9.429					
1981	10,874						9.708					
1982	10,617						9.478					
1983	11,320						10.106					
1984	12,229						10.917					
1985	12,228						10.916					
1986	12,861						11.481					
1987	13,012						11.617					
1988	14,650						13.079					
1989	15,394						13.743					
1990	15,037						13.424					
1991	13,200						11.784					
1992	14,021						12.517					
1993	14,535						12.976					
1994	15,266						13.629					
1995	15,891						14.186					
1996	16,796						14.994					
1997	18,691						16.686					
1998	17,793						15.884					
1999	18,868						16.844					
2000	18,696						16.691					
2001	19,840						17.712					
2002	20,950						18.703					
2003	21,336						19.048					
2004	22,034						19.671					
2005	20,933						18.687					
2006	20,431						18.240					
2007	20,865						18.627					
2008	20,778						18.550					
2009	18,414						16.439					
2010	16,940	15,605	19,776	24,746	20,925	20,925	15.123	13.93	17.65	22.09	18.68	18.68
2011		15,737	19,940	24,948	21,184	20,954		14.05	17.80	22.27	18.91	18.71
2015		16,276	20,614	25,772	22,259	21,053		14.53	18.40	23.01	19.87	18.79
2020		16,978	21,492	26,846	23,690	19,840		15.16	19.19	23.97	21.15	17.71
2025		17,712	22,410	27,969	25,224	21,125		15.81	20.01	24.97	22.52	18.86
2030		18,480	23,370	29,143	26,870	22,504		16.50	20.86	26.02	23.99	20.09
2035		19,284	24,375	30,371	28,637	23,984		17.22	21.76	27.11	25.57	21.41
2040		20,125	25,427	31,657	30,533	25,572		17.97	22.70	28.26	27.26	22.83

Salinas District

Historical & Projected Distribution of Demand by Source



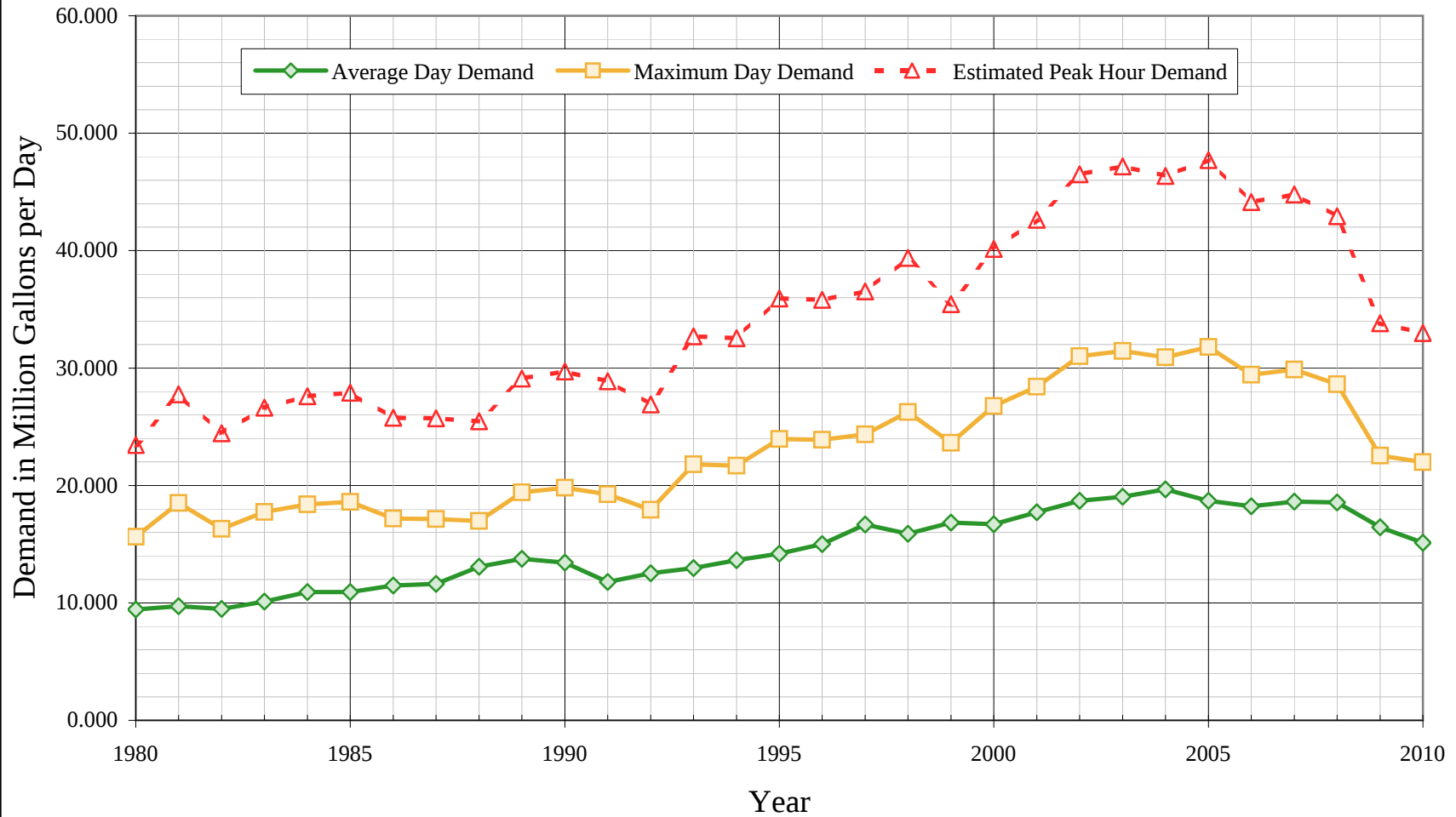
California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections
Historical Annual Supply by Source

Worksheet 17

Year	Purchased Water			Groundwater			Conservation			Total Supply		
	kGal/yr	MGD	AFY	kGal/yr	MGD	AFY	kGal/yr	MGD	AFY	kGal/yr	MGD	AFY
1980	-	-	-	3,441,593	9.429	10,562				3,441,593	9.429	10,562
1981	-	-	-	3,543,323	9.708	10,874				3,543,323	9.708	10,874
1982	-	-	-	3,459,487	9.478	10,617				3,459,487	9.478	10,617
1983	-	-	-	3,688,769	10.106	11,320				3,688,769	10.106	11,320
1984	-	-	-	3,984,775	10.917	12,229				3,984,775	10.917	12,229
1985	-	-	-	3,984,396	10.916	12,228				3,984,396	10.916	12,228
1986	-	-	-	4,190,705	11.481	12,861				4,190,705	11.481	12,861
1987	-	-	-	4,240,118	11.617	13,012				4,240,118	11.617	13,012
1988	-	-	-	4,773,784	13.079	14,650				4,773,784	13.079	14,650
1989	-	-	-	5,016,077	13.743	15,394				5,016,077	13.743	15,394
1990	-	-	-	4,899,898	13.424	15,037				4,899,898	13.424	15,037
1991	-	-	-	4,301,146	11.784	13,200				4,301,146	11.784	13,200
1992	-	-	-	4,568,776	12.517	14,021				4,568,776	12.517	14,021
1993	-	-	-	4,736,372	12.976	14,535				4,736,372	12.976	14,535
1994	-	-	-	4,974,468	13.629	15,266				4,974,468	13.629	15,266
1995	-	-	-	5,177,940	14.186	15,891				5,177,940	14.186	15,891
1996	-	-	-	5,472,975	14.994	16,796				5,472,975	14.994	16,796
1997	-	-	-	6,090,347	16.686	18,691				6,090,347	16.686	18,691
1998	-	-	-	5,797,792	15.884	17,793				5,797,792	15.884	17,793
1999	-	-	-	6,148,095	16.844	18,868				6,148,095	16.844	18,868
2000	-	-	-	6,092,214	16.691	18,696				6,092,214	16.691	18,696
2001	-	-	-	6,464,918	17.712	19,840				6,464,918	17.712	19,840
2002	-	-	-	6,826,428	18.703	20,950				6,826,428	18.703	20,950
2003	-	-	-	6,952,358	19.048	21,336				6,952,358	19.048	21,336
2004	-	-	-	7,179,920	19.671	22,034				7,179,920	19.671	22,034
2005	-	-	-	6,820,910	18.687	20,933				6,820,910	18.687	20,933
2006	-	-	-	6,657,586	18.240	20,431				6,657,586	18.240	20,431
2007	-	-	-	6,798,743	18.627	20,865				6,798,743	18.627	20,865
2008	-	-	-	6,770,679	18.550	20,778				6,770,679	18.550	20,778
2009	-	-	-	6,000,189	16.439	18,414				6,000,189	16.439	18,414
2010	-	-	-	5,519,829	15.123	16,940				5,519,829	15.123	16,940
2011	-	-	-	6,828,010	18.707	20,954	74,835	0.205	230	6,902,845	18.912	21,184
2012	-	-	-	6,837,255	18.732	20,983	151,534	0.415	465	6,988,789	19.147	21,448
2013	-	-	-	6,845,616	18.755	21,008	230,129	0.630	706	7,075,745	19.386	21,715
2014	-	-	-	6,853,058	18.776	21,031	310,653	0.851	953	7,163,711	19.627	21,985
2015	-	-	-	6,860,028	18.795	21,053	393,167	1.077	1,207	7,253,194	19.872	22,259
2020	-	-	-	6,464,904	17.712	19,840	1,254,412	3.437	3,850	7,719,316	21.149	23,690
2025	-	-	-	6,883,647	18.859	21,125	1,335,663	3.659	4,099	8,219,310	22.519	25,224
2030	-	-	-	7,332,875	20.090	22,504	1,422,828	3.898	4,366	8,755,703	23.988	26,870
2035	-	-	-	7,815,128	21.411	23,984	1,516,402	4.155	4,654	9,331,530	25.566	28,637
2040	-	-	-	8,332,524	22.829	25,572	1,616,794	4.430	4,962	9,949,318	27.258	30,533

Salinas District

Average Day, Maximum Day, and Peak Demand



California Water Service Company - Consolidated Salinas District

Worksheet 18

Water Supply and Demand Analysis and Projections

Historical and Projected Average Day, Maximum Day, and Peak Demand

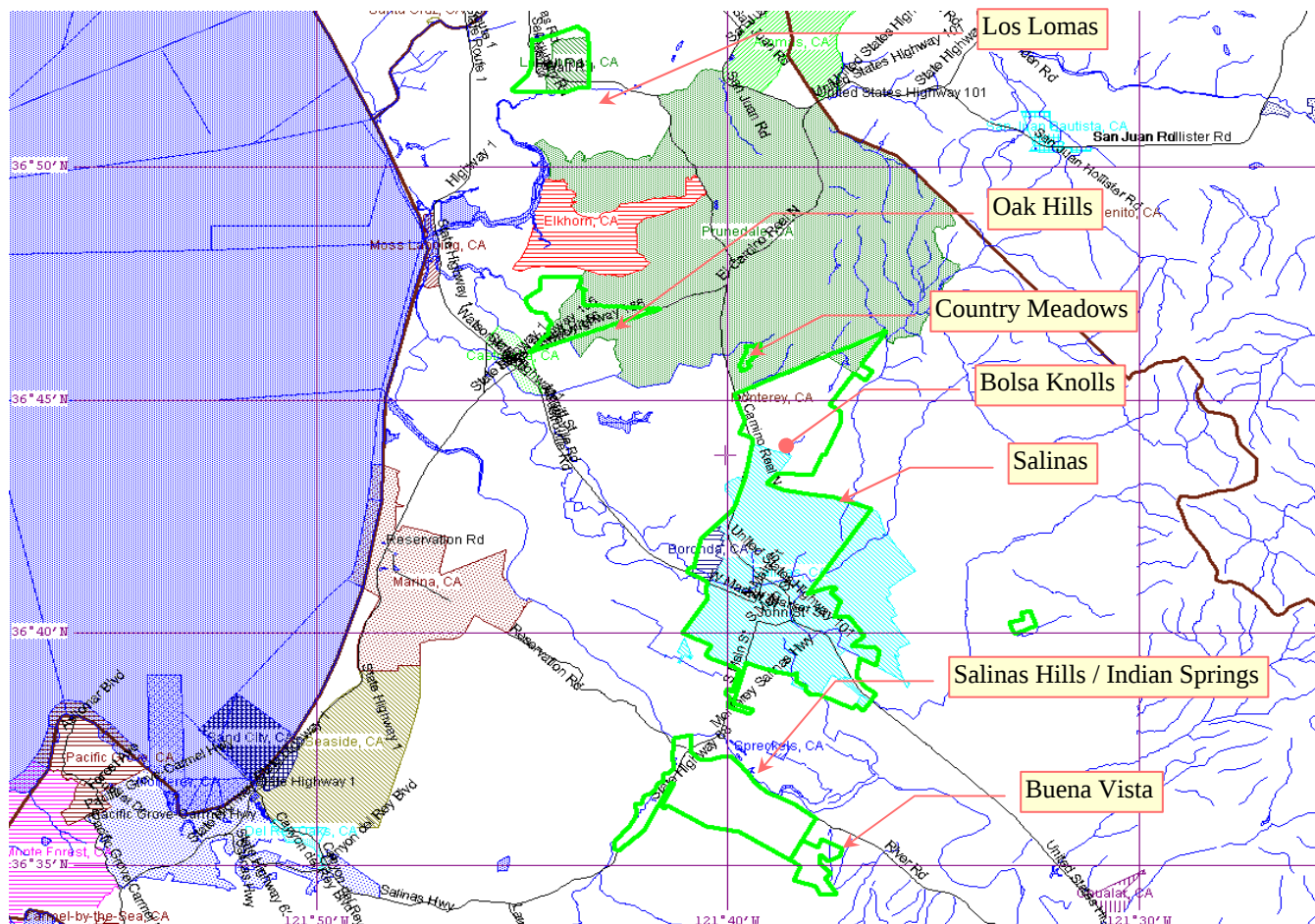
Year	Historical Annual Demand		Average Day Demand		Maximum Day Demand		MDD ADD Ratio	Estimated Peak Hour Demand		PHD MDD Ratio	PHD ADD Ratio	Measured Peak Hour Demand		PHD MDD Ratio
	(AFY)	(MGY)	(MGD)	Per Service (GPD)	(MGD)	Per Service (GPD)		(MGD)	(GPM)			(MGD)	(GPM)	
1980	10,562	3,442	9.429	629	15.637	1,044	1.66	23.456	16,289	1.50	2.49			
1981	10,874	3,543	9.708	644	18.504	1,228	1.91	27.756	19,275	1.50	2.86			
1982	10,617	3,459	9.478	593	16.298	1,020	1.72	24.447	16,977	1.50	2.58			
1983	11,320	3,689	10.106	620	17.747	1,088	1.76	26.621	18,486	1.50	2.63			
1984	12,229	3,985	10.917	654	18.400	1,103	1.69	27.600	19,167	1.50	2.53			
1985	12,228	3,984	10.916	642	18.603	1,094	1.70	27.905	19,378	1.50	2.56			
1986	12,861	4,191	11.481	662	17.180	991	1.50	25.770	17,896	1.50	2.24			
1987	13,012	4,240	11.617	662	17.142	976	1.48	25.713	17,856	1.50	2.21			
1988	14,650	4,774	13.079	737	16.973	956	1.30	25.460	17,680	1.50	1.95			
1989	15,394	5,016	13.743	651	19.401	919	1.41	29.102	20,209	1.50	2.12			
1990	15,037	4,900	13.424	618	19.799	911	1.47	29.699	20,624	1.50	2.21			
1991	13,200	4,301	11.784	535	19.251	874	1.63	28.877	20,053	1.50	2.45			
1992	14,021	4,569	12.517	566	17.937	811	1.43	26.906	18,684	1.50	2.15			
1993	14,535	4,736	12.976	584	21.808	982	1.68	32.712	22,717	1.50	2.52			
1994	15,266	4,974	13.629	607	21.695	966	1.59	32.543	22,599	1.50	2.39			
1995	15,891	5,178	14.186	625	23.948	1,055	1.69	35.922	24,946	1.50	2.53			
1996	16,796	5,473	14.994	651	23.879	1,036	1.59	35.819	24,874	1.50	2.39			
1997	18,691	6,090	16.686	706	24.356	1,031	1.46	36.534	25,371	1.50	2.19			
1998	17,793	5,798	15.884	655	26.254	1,082	1.65	39.381	27,348	1.50	2.48			
1999	18,868	6,148	16.844	679	23.631	953	1.40	35.447	24,616	1.50	2.10			
2000	18,696	6,092	16.691	652	26.764	1,045	1.60	40.146	27,879	1.50	2.41			
2001	19,840	6,465	17.712	673	28.422	1,080	1.60	42.633	29,606	1.50	2.41			
2002	20,950	6,826	18.703	705	31.007	1,169	1.66	46.511	32,299	1.50	2.49			
2003	21,336	6,952	19.048	710	31.443	1,173	1.65	47.165	32,753	1.50	2.48			
2004	22,034	7,180	19.671	724	30.906	1,137	1.57	46.359	32,194	1.50	2.36			
2005	20,933	6,821	18.687	687	31.803	1,169	1.70	47.705	33,128	1.50	2.55			
2006	20,431	6,658	18.240	671	29.430	1,082	1.61	44.145	30,656	1.50	2.42			
2007	20,865	6,799	18.627	682	29.863	1,093	1.60	44.795	31,107	1.50	2.40			
2008	20,778	6,771	18.550	684	28.615	1,056	1.54	42.923	29,807	1.50	2.31			
2009	18,414	6,000	16.439	606	22.548	831	1.37	33.822	23,488	1.50	2.06			
2010	16,940	5,520	15.123	551	21.982	801	1.45	32.973	22,898	1.50	2.18			
5 year Average (2006-2010)			17.396	639	26.488	973	1.52	39.731	27,591	1.50	2.28			
10 year Average (2001-2010)			18.080	669	28.602	1,059	1.58	42.903	29,794	1.50	2.37			

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

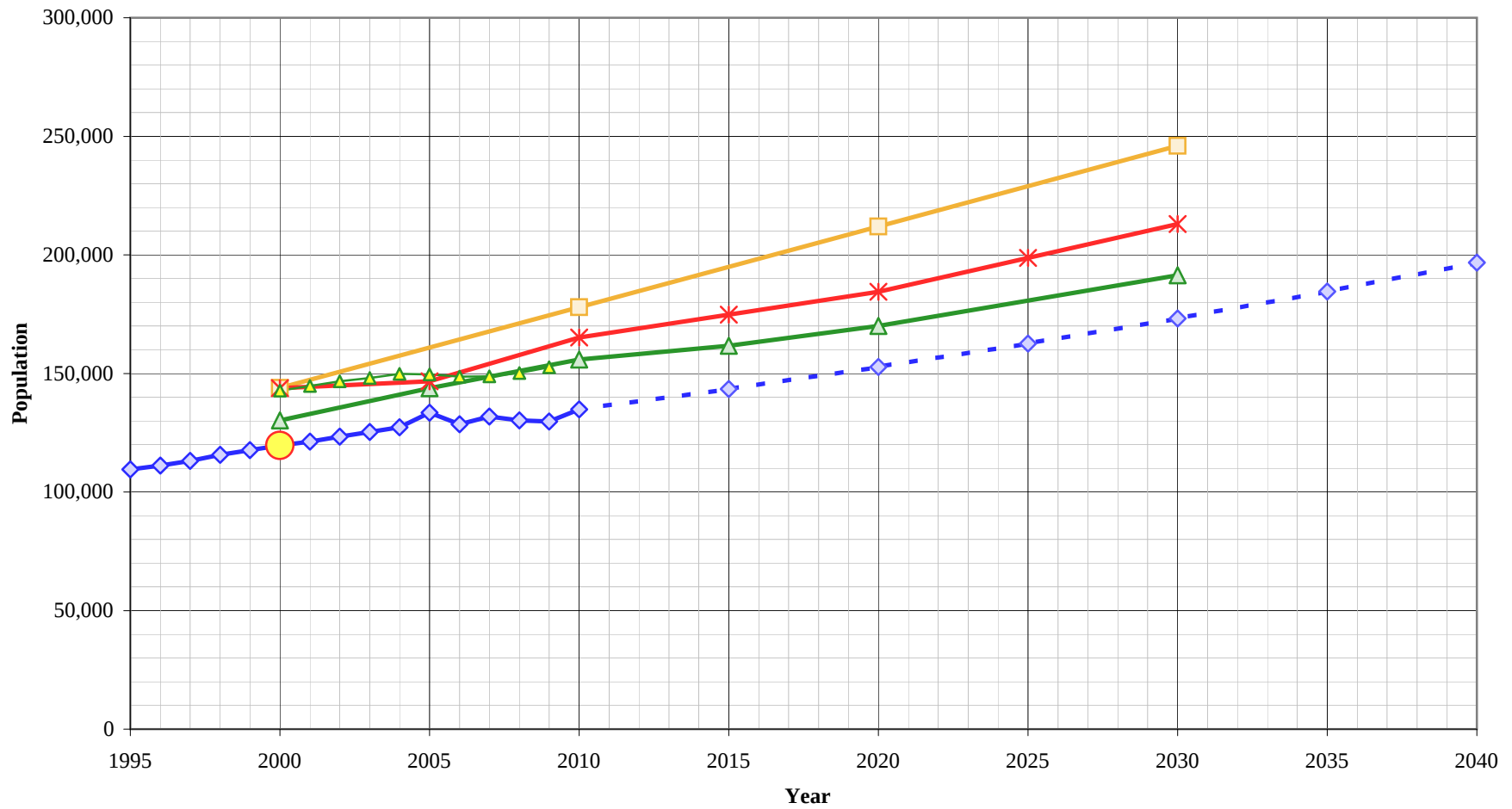
Worksheet 19

US Census 2000 Tract Map Summary



Division	Census Tract Blocks	Population	Housing Units	POP/HOU
Salinas	701	108,692	31,409	3.461
Salinas Hills	47	5,119	1,823	2.808
Oak Hills	19	2,215	876	2.529
Los Lomas	10	3,141	610	5.149
Sub Total	777	119,167	34,718	3.432
Country Meadows	2	485	148	3.277
Buena Vista	7	724	254	2.850
Total	786	120,376	35,120	3.428

Salinas District Population Estimate



California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 19

Population as of the 2000 Average Annual Services

Estimated District Population based on 2000 U.S. Census Data & Annual Service Count

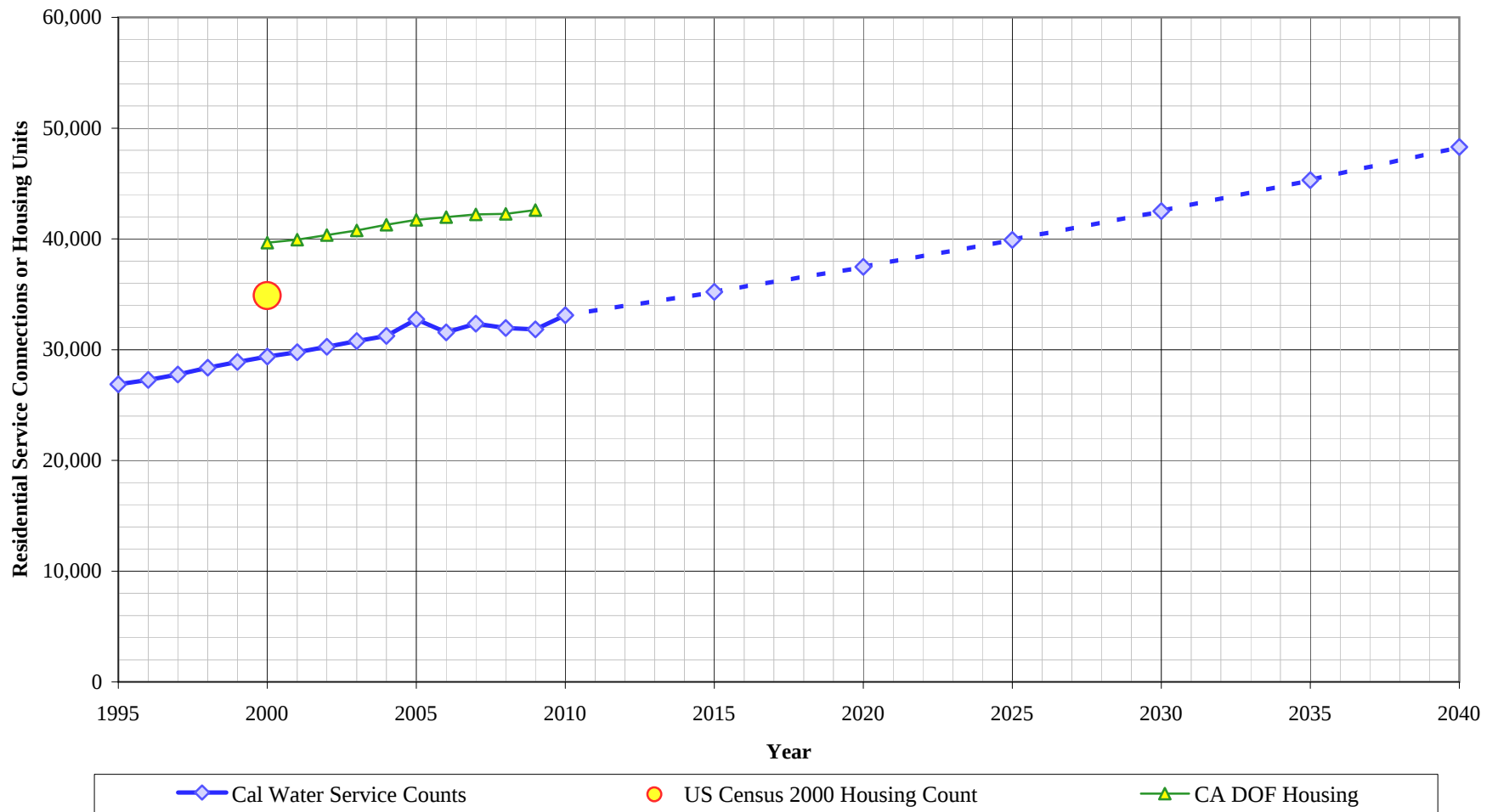
District Communities Served: Salinas, Country Meadows, Salinas Hills, Indian Springs, Las Lomas, Oak Hills

Year	Single Family Residential Services	Multiple Family Residential			Flat Rate Residential Services	Total Residential DU	Estimated District Population
		Services	Residential Units (DU)	Unit Density			
1995	20,053	325	6,829	21.0	0	26,882	109,550
1996	20,365	324	6,905	21.3	0	27,270	111,130
1997	20,908	324	6,845	21.1	0	27,752	113,090
1998	21,519	324	6,861	21.2	0	28,380	115,650
1999	22,033	324	6,845	21.1	0	28,878	117,680
2000	22,765	324	6,598	20.4	0	29,363	119,650
2001	23,214	324	6,552	20.2	0	29,766	121,300
2002	23,385	324	6,873	21.2	0	30,259	123,300
2003	23,642	324	7,125	22.0	0	30,767	125,370
2004	23,954	324	7,282	22.5	0	31,236	127,290
2005	23,985	324	8,760	27.0	0	32,745	133,440
2006	23,973	323	7,577	23.5	0	31,550	128,570
2007	24,077	323	8,273	25.6	0	32,350	131,830
2008	23,831	342	8,110	23.7	0	31,941	130,160
2009	23,818	368	8,010	21.8	0	31,828	129,700
2010	24,006	373	9,090	24.4	0	33,096	134,870
2015	24,970	398	10,238	25.7	0	35,207	143,470
2020	25,972	425	11,499	27.1	0	37,470	152,690
2025	27,014	454	12,884	28.4	0	39,898	162,580
2030	28,098	484	14,404	29.7	0	42,502	173,190
2035	29,225	517	16,070	31.1	0	45,295	184,580
2040	30,398	552	17,896	32.4	0	48,294	196,800

US Census 2000		Calculated Persons per CWS DU	Calculated Persons per US Census Housing Unit
Population	Housing Units		

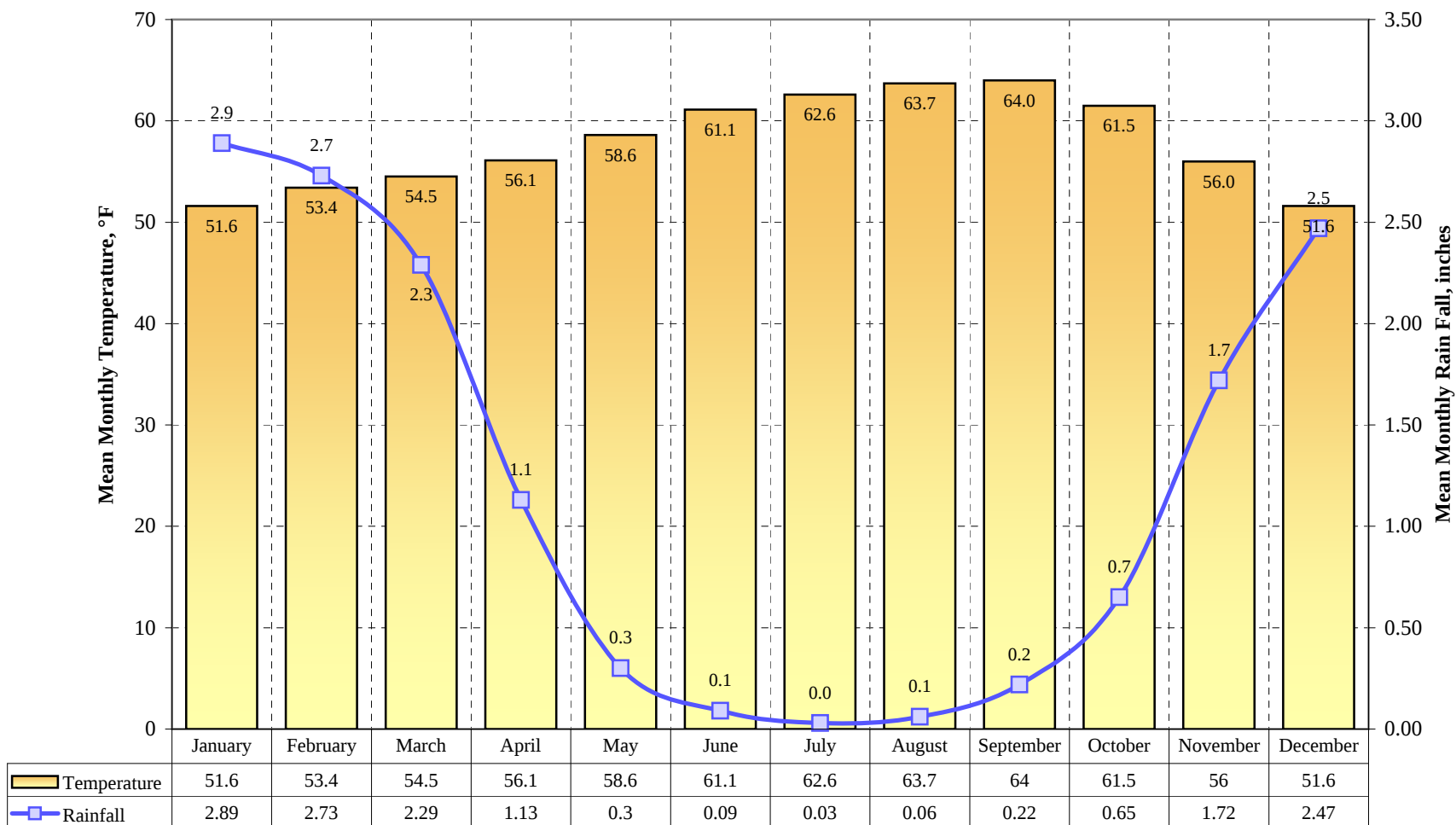
119,652	34,866	4.075	3.432
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Salinas District Housing Estimate



Salinas District

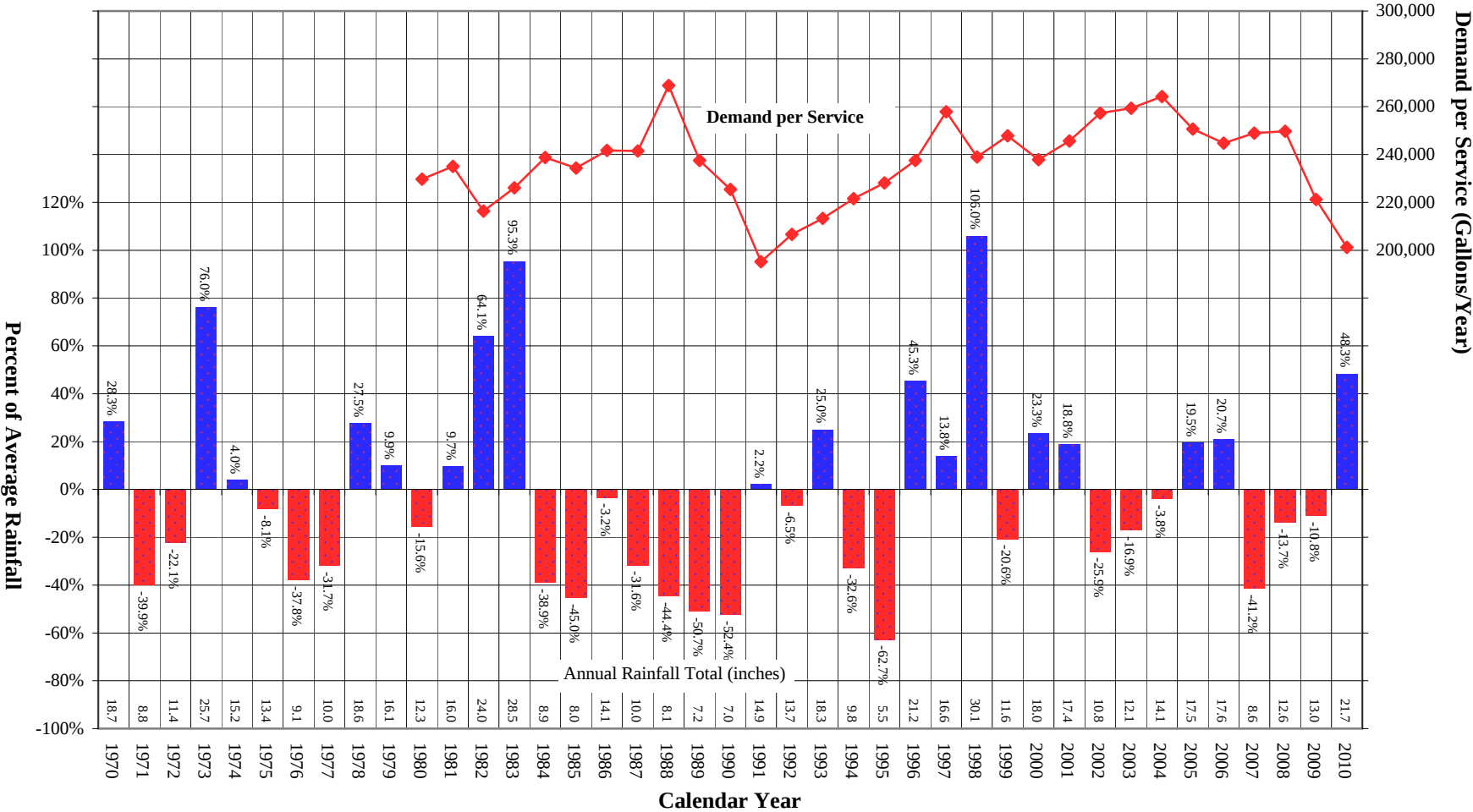
Average Monthly Temperature and Rainfall



Salinas District

Comparison of Annual Rainfall to Historical Average

Average Annual Rainfall Total = 14.48 inches



California Water Service Company - Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 20

Temperature & Rainfall History (Fahrenheit, Inches)

Year	Annual Average Temp.	Annual Average Rainfall	Rainfall Percent Variation	Demand per Service (Gal / Yr)	Percent of Average Demand	Year	Annual Average Temp.	Annual Average Rainfall	Rainfall Percent Variation	Demand per Service (Gal / Yr)	Percent of Average Demand
1970	56.9	18.74	28.3%			1995	60.6	5.45	-62.7%	228,123	96.1%
1971	56.4	8.78	-39.9%			1996	58.9	21.23	45.3%	237,542	100.1%
1972	57.3	11.38	-22.1%			1997	59.5	16.63	13.8%	257,863	108.6%
1973	56.7	25.71	76.0%			1998	57.3	30.09	106.0%	238,967	100.7%
1974	56.6	15.19	4.0%			1999	56.6	11.60	-20.6%	247,850	104.4%
1975	56.5	13.43	-8.1%			2000	57.6	18.02	23.3%	237,877	100.2%
1976	58.1	9.09	-37.8%			2001	57.1	17.36	18.8%	245,652	103.5%
1977	56.4	9.98	-31.7%			2002	58.3	10.83	-25.9%	257,385	108.4%
1978	57.5	18.63	27.5%			2003	60.5	12.14	-16.9%	259,326	109.2%
1979	59.9	16.05	9.9%			2004	58.6	14.06	-3.8%	264,253	111.3%
1980	57.9	12.33	-15.6%	229,746	96.8%	2005	58.5	17.46	19.5%	250,693	105.6%
1981	57.4	16.02	9.7%	235,062	99.0%	2006	57.8	17.64	20.7%	244,802	103.1%
1982	56.9	23.97	64.1%	216,407	91.2%	2007	57.0	8.59	-41.2%	248,947	104.9%
1983	60.2	28.54	95.3%	226,152	95.3%	2008	57.2	12.61	-13.7%	249,776	105.2%
1984	58.5	8.92	-38.9%	238,824	100.6%	2009	57.6	13.03	-10.8%	221,230	93.2%
1985	56.9	8.04	-45.0%	234,335	98.7%	2010	57.1	21.66	48.3%	201,167	84.7%
1986	59.7	14.14	-3.2%	241,706	101.8%	2011					
1987	59.2	10.00	-31.6%	241,478	101.7%	2012					
1988	60.2	8.12	-44.4%	268,885	113.3%	2013					
1989	57.6	7.20	-50.7%	237,492	100.0%	2014					
1990	57.0	6.96	-52.4%	225,417	94.9%	2015					
1991	57.4	14.93	2.2%	195,178	82.2%	2016					
1992	59.8	13.66	-6.5%	206,592	87.0%	2017					
1993	59.5	18.26	25.0%	213,340	89.9%	2018					
1994	58.2	9.84	-32.6%	221,580	93.3%	2019					

Source: Western Regional Climate Center: <http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca7668>

Calendar Year	Average Water Year	Normal Water Year	Single-Dry Water Year	Multiple-Dry Water Years				
	-	2004	2007	1	2	3	4	
Demand per Service (gal/yr)	237,416	264,253	248,947	241,478	268,885	268,885	237,492	
Difference from Average	100.0%	100%	94%	91%	102%	102%	90%	

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 20

Temperature Data

Station:(047668) SALINAS 2 E															
From Year=1958 To Year=2010															
	Monthly Averages			Daily Extremes				Monthly Extremes				Max. Temp.		Min. Temp.	
	Max.	Min.	Mean	High	Date	Low	Date	Highest Mean	Year	Lowest Mean	Year	>= 90 F	<= 32 F	<= 32 F	<= 0 F
	F	F	F	F	dd/yyyy or yyyymmdd	F	dd/yyyy or yyyymmdd	F	-	F	-	# Days	# Days	# Days	# Days
January	62.5	40.5	51.6	85	31/1976	22	12/1963	58	2003	47.5	1982	0	0	3.9	0
February	64.2	42.6	53.4	86	1/1976	25	27/1962	57.7	1988	48.5	1990	0	0	1.3	0
March	65.4	43.7	54.5	89	11/2005	25	1/1977	59.6	2004	50.3	1985	0	0	0.5	0
April	67	45.2	56.1	100	26/2004	30	1/1964	61.2	1992	50.4	1967	0.4	0	0.1	0
May	68.4	48.8	58.6	99	15/1970	35	23/1962	63.6	1997	55.2	1964	0.5	0	0	0
June	70.5	51.7	61.1	103	20/1973	41	11/1958	64.4	2003	57.6	1984	0.5	0	0	0
July	71.3	53.9	62.6	100	10/1959	43	23/1958	66.3	1995	59	1962	0.3	0	0	0
August	72.9	54.5	63.7	102	29/1968	42	26/1963	68.2	2003	60.5	1973	0.4	0	0	0
September	74.9	53.1	64	106	14/1971	37	17/1964	70.3	1983	60.5	1962	1.7	0	0	0
October	73.7	49.3	61.5	105	5/1987	34	29/1971	66.1	1983	57.4	1971	1.6	0	0	0
November	67.8	44.2	56	94	1/1966	27	29/2004	61.5	1995	51.2	1985	0.2	0	0.6	0
December	62.7	40.6	51.6	92	3/1958	24	15/1967	56.3	1958	46.8	1971	0	0	3.3	0
Annual	68.4	47.3	57.9	106	19710914	22	19630112	60.6	1995	56.2	1964	5.6	0	9.7	0

Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ETo Report	1.24	1.68	3.10	3.90	4.65	5.10	4.96	4.65	3.90	2.79	1.80	1.24	39.01

1) California Irrigation Management Information System (CIMIS), <http://www.cimis.water.ca.gov/cimis/welcome.jsp>, EvapoTranspiration (Eto) Zones Map, Zone 2

California Water Service Company - Salinas District Water Supply and Demand Analysis and Projections

Worksheet 20

Precipitaion Data

Station:(047668) SALINAS 2 E														
From Year=1958 To Year=2010														
	Precipitation											Total Snowfall		
	Mean	High	Year	Low	Year	1 Day Max.		>= 0.01 in.	>= 0.10 in.	>= 0.50 in.	>= 1.00 in.	Mean	High	Year
	in.	in.	-	in.	-	in.	dd/yyyy or yyyymmdd	# Days	# Days	# Days	# Days	in.	in.	-
January	2.89	8.53	1969	0	1971	2.96	23/2000	8	5	2	1	0	0	1959
February	2.73	11.1	1998	0.1	1964	2.38	13/1987	8	6	2	0	0	0	1959
March	2.29	9.34	1991	0.06	1972	2.08	28/1974	7	5	2	0	0	0	1959
April	1.13	5.69	1967	0	1970	2.09	1/1974	5	3	1	0	0	0	1959
May	0.3	2.32	1998	0	1965	0.85	16/1996	2	1	0	0	0	0	1958
June	0.09	0.59	1995	0	1959	0.47	16/1995	1	0	0	0	0	0	1958
July	0.03	0.67	1980	0	1958	0.67	2/1980	0	0	0	0	0	0	1958
August	0.06	0.89	1976	0	1958	0.54	19/1976	1	0	0	0	0	0	1958
September	0.22	4.52	1959	0	1961	2.6	19/1959	1	0	0	0	0	0	1958
October	0.65	2.62	2004	0	1960	1.5	30/1982	2	1	1	0	0	0	1958
November	1.72	5.04	1982	0	1959	2.05	17/1996	6	4	1	0	0	0	1958
December	2.47	5.92	1996	0.07	1989	2.95	17/1977	8	5	2	1	0	0	1958
Annual	14.61	30.09	1998	7.31	1961	2.96	20000123	49	31	10	3	0	0	1959

California Water Service Company - Salinas District

Water Supply and Demand Analysis and Projections

Worksheet 21

Groundwater Facilities

Division	Unit No.	Design Capacity		Status
		Active	Inactive	
Salinas	5-03	1100		Active
	6-01	700		Active
	10-01		900	Inactive
	11-01	500		Active
	12-01	1000		Active
	13-01	1100		Active
	13-02		2500	Inactive
	15-01	520		Active
	16-01	400		Active
	16-02	1500		Active
	17-01	650		Active
	18-01		225	Inactive
	19-01	1100		Active
	20-01	530		Active
	21-01	1400		Active
	22-02	1600		Active
	23-01	650		Active
	24-01	680		Active
	25-01	900		Active
	26-01	500		Active
	28-01	1100		Active
	29-01	1000		Active
	30-01	600		Active
	31-01	1100		Active
	32-01	500		Active
	33-01	500		Active
	35-01		460	Standby
	36-01		0	Inactive
	37-01	1040		Active
	38-01	875		Active
	39-01		275	Standby
	40-01	1350		Active
	41-01		850	Inactive
	56-01	1500		Active
	59-01 (Toro Park)		250	Standby
	63-01	1500		Active

Division	Unit No.	Design Capacity		Status
		Active	Inactive	
Salinas	64-01		0	Inactive
	65-01	750		Active
	67-01	2000		Active
Bolsa Knolls	102-01		180	Inactive
	104-02		0	Monitoring Well
	105-01		750	Inactive
	106-01	450		Active
	27-01	800		Active
	108-01	990		Active
	43-01		740	Inactive
	44-01	860		Active
	45-01	550		Active
	46-01	160		Active
Las Lomas	301-01	175		Active
	302-01		140	Standby
	303-01	480		Active
	305-01		500	Standby
Oak Hills	201-01	670		Active
	202-01		500	Inactive
	203-01	600		Active
Indian Springs	49-01	275		Active
	50-01	135		Active
Country Meadows	60-01	170		Active
	61-01	240		Active
Total units:		60	44	16

Design Capacity (GPM)	43,470	35,200	8,270
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Design Capacity (MGD)	62.60	50.69	11.91
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Design Capacity (AFY)	70,117	56,778	13,340
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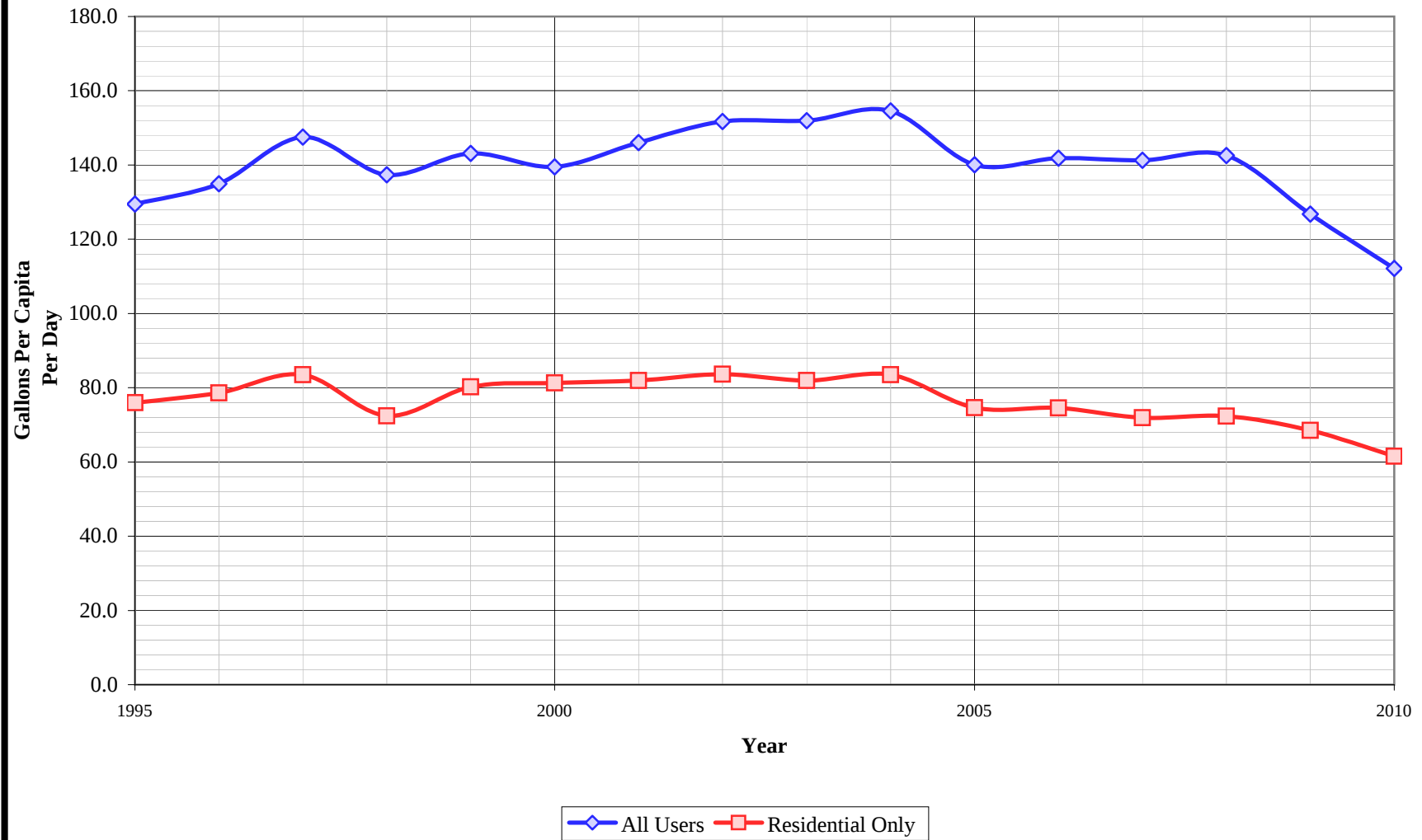
Notes:

1) Listed pump capacities on this worksheet represent design flowrates, actual flowrates are highly dependent on local system pressures, well characteristics, and other design criteria

2) Values in bold are estimated

Updated 1/1/2011

Salinas District Per Capita Consumption



California Water Service Company - Consolidated Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 22

Per Capita Water Demand

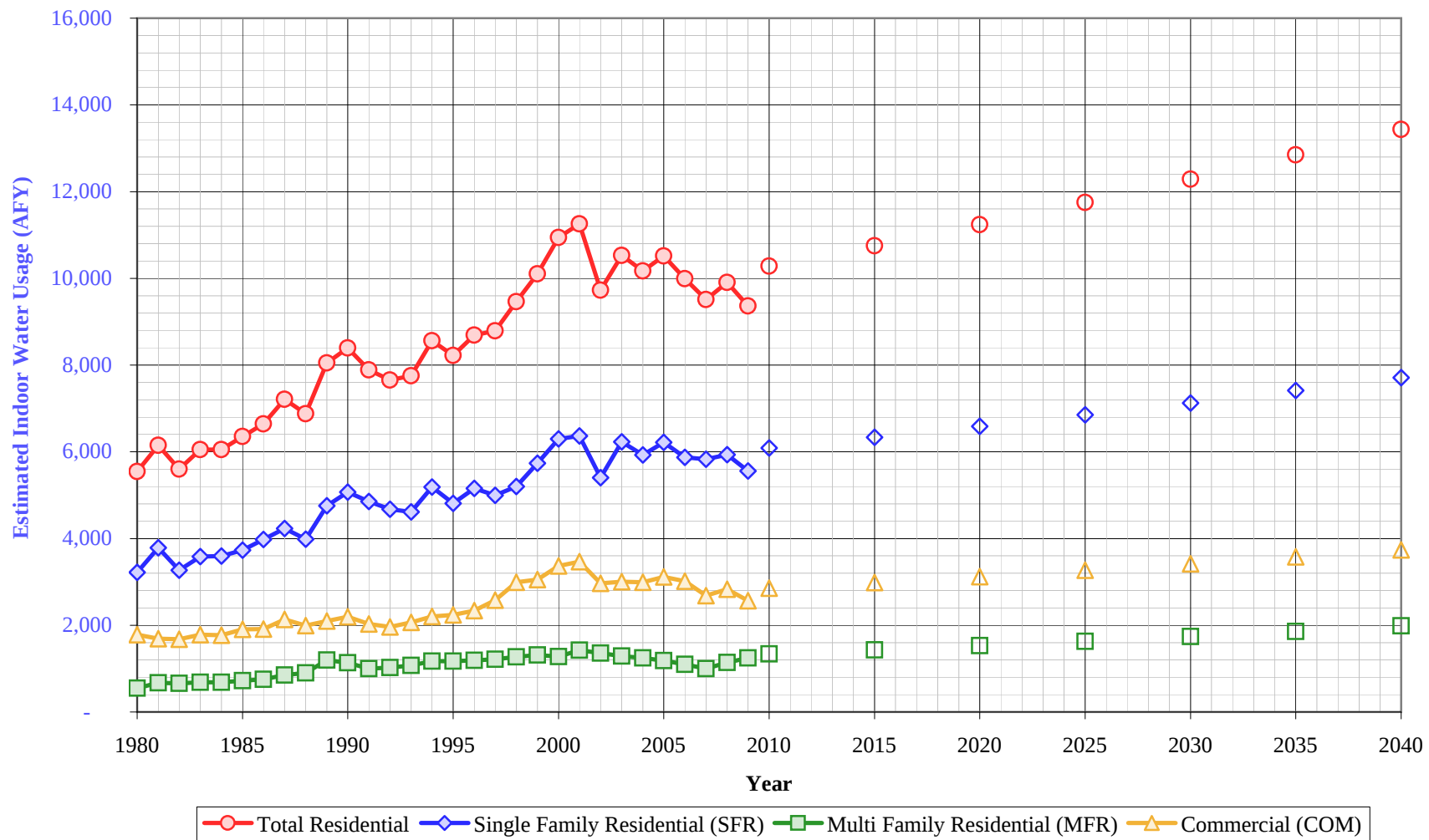
Year	All Users			Residential Only		
	Usage (AFY)	Usage (MGY)	Gallons Per Capita Per Day	Usage (AFY)	Usage (MGY)	Gallons Per Capita Per Day
1995	15,890	5,178	129.5	9,324	3,038	76.0
1996	16,796	5,473	134.9	9,782	3,188	78.6
1997	18,691	6,090	147.5	10,577	3,447	83.5
1998	17,793	5,798	137.3	9,380	3,057	72.4
1999	18,868	6,148	143.1	10,575	3,446	80.2
2000	18,696	6,092	139.5	10,894	3,550	81.3
2001	19,840	6,465	146.0	11,136	3,629	82.0
2002	20,950	6,826	151.7	11,553	3,764	83.6
2003	21,336	6,952	151.9	11,501	3,748	81.9
2004	22,034	7,180	154.5	11,906	3,879	83.5
2005	20,933	6,821	140.0	11,155	3,635	74.6
2006	20,431	6,658	141.9	10,738	3,499	74.6
2007	20,865	6,799	141.3	10,617	3,460	71.9
2008	20,778	6,771	142.5	10,552	3,438	72.4
2009	18,414	6,000	126.7	9,951	3,243	68.5
2010	16,940	5,520	112.1	9,292	3,028	61.5
5 Yr. Avg.	19,486	6,349	132.9	10,230	3,334	69.8
10 Yr. Avg.	20,252	6,599	140.9	10,840	3,532	75.4

Five year average is from years 2006 through 2010

Ten year average is from years 2001 through 2010

Salinas District

Estimated Indoor Water Usage



California Water Service Company - Salinas District
Water Supply and Demand Analysis and Projections

Worksheet 23

Estimated Indoor/Outdoor Water Usage

	Single Family Residential (SFR)							Multi Family Residential (MFR)				Commercial (COM)				
Year	Metered Single Family Residential Indoor Use (Annualized 90% of January Total)			Indoor Flat Rate Usage (AFY)	Total SFR Indoor Usage			Multi Family Residential January Usage	Multi Family Residential Indoor Use (Annualized 90% of January)			Commercial	Commercial Indoor Use (Annualized 90% of January Total)			Est. Indoor Usage
	JAN (CCF)	AFY	AFY/Service		AFY	GPD/Service	%	(CCF)	AFY	GPD/Service	%	(CCF)	AFY	GPD/Service	%	
1980	129,803	3,218	0.25	0	3,218	224	60%	22,074	547	2,585	70%	71,882	1,782	888	78%	5,548
1981	152,748	3,787	0.29	0	3,787	262	70%	27,011	670	3,130	79%	68,246	1,692	833.65	74%	6,149
1982	131,815	3,268	0.24	0	3,268	212	61%	26,551	658	3,061	78%	67,625	1,677	811.29	74%	5,603
1983	144,465	3,582	0.25	0	3,582	227	63%	27,657	686	3,155	78%	71,967	1,784	857.33	77%	6,052
1984	144,960	3,594	0.25	0	3,594	223	57%	27,573	684	3,130	75%	71,521	1,773	837.60	70%	6,051
1985	150,501	3,731	0.25	0	3,731	227	60%	29,072	721	3,035	74%	76,789	1,904	895.97	70%	6,356
1986	160,448	3,978	0.27	0	3,978	237	62%	30,436	755	3,021	71%	77,081	1,911	891.39	70%	6,644
1987	170,563	4,229	0.28	0	4,229	249	65%	34,226	849	3,337	75%	86,129	2,135	989.31	76%	7,213
1988	160,671	3,984	0.26	0	3,984	232	61%	36,404	903	3,371	75%	80,306	1,991	920.03	69%	6,877
1989	191,865	4,757	0.26	0	4,757	229	65%	48,169	1,194	3,291	81%	84,683	2,100	937.66	71%	8,051
1990	204,445	5,069	0.26	0	5,069	236	69%	45,767	1,135	3,107	79%	88,456	2,193	973.59	74%	8,397
1991	195,794	4,854	0.25	0	4,854	223	73%	40,367	1,001	2,766	79%	81,912	2,031	899.33	73%	7,886
1992	188,462	4,673	0.24	0	4,673	214	64%	41,267	1,023	2,828	75%	79,118	1,962	856.76	67%	7,657
1993	186,065	4,613	0.24	0	4,613	211	63%	43,191	1,071	2,951	73%	83,356	2,067	895.64	66%	7,751
1994	209,223	5,187	0.26	0	5,187	234	69%	47,377	1,175	3,237	77%	88,822	2,202	951.14	66%	8,564
1995	193,950	4,809	0.24	0	4,809	214	62%	47,302	1,173	3,222	75%	90,431	2,242	966.50	66%	8,224
1996	208,043	5,158	0.25	0	5,158	226	63%	48,108	1,193	3,287	72%	94,373	2,340	996.60	61%	8,691
1997	201,520	4,996	0.24	0	4,996	213	56%	49,042	1,216	3,350	71%	104,012	2,579	1,083.40	61%	8,791
1998	209,819	5,202	0.24	0	5,202	216	67%	51,164	1,269	3,495	80%	120,562	2,989	1,238.87	70%	9,460
1999	231,453	5,739	0.26	0	5,739	233	64%	52,891	1,311	3,613	79%	123,113	3,052	1,250.00	68%	10,102
2000	253,963	6,297	0.28	0	6,297	247	68%	51,533	1,278	3,520	76%	135,798	3,367	1,334.12	72%	10,941
2001	256,855	6,368	0.27	0	6,368	245	67%	57,360	1,422	3,919	86%	139,852	3,467	1,229.35	72%	11,258
2002	218,013	5,405	0.23	0	5,405	206	55%	54,717	1,357	3,738	82%	119,571	2,965	1,037.48	62%	9,726
2003	251,315	6,231	0.26	0	6,231	235	63%	52,040	1,290	3,555	80%	121,276	3,007	1,041.25	61%	10,528
2004	239,059	5,927	0.25	0	5,927	221	57%	50,365	1,249	3,441	79%	120,722	2,993	1,017.93	58%	10,169
2005	250,745	6,217	0.26	0	6,217	231	64%	47,657	1,182	3,256	81%	125,684	3,116	1,054.15	63%	10,515
2006	236,819	5,872	0.24	0	5,872	219	63%	44,383	1,100	3,041	79%	121,725	3,018	1,017.48	64%	9,990
2007	235,136	5,830	0.24	0	5,830	216	63%	40,403	1,002	2,769	71%	108,109	2,680	904.35	56%	9,512
2008	239,433	5,936	0.25	0	5,936	222	66%	46,108	1,143	2,984	75%	114,111	2,829	965.50	60%	9,909
2009	224,077	5,556	0.23	0	5,556	208	66%	50,159	1,244	3,017	82%	103,496	2,566	891.01	59%	9,365
2010	---	---	---	---	6,089	226	63%	---	1,339	3,207	79%	---	2,854	982.22	63%	10,282
2015	---	---	---	---	6,333	226	63%	---	1,430	3,207	79%	---	2,986	982.22	63%	10,749
2020	---	---	---	---	6,587	226	63%	---	1,527	3,207	79%	---	3,123	982.22	63%	11,237
2025	---	---	---	---	6,852	226	63%	---	1,630	3,207	79%	---	3,267	982.22	63%	11,749
2030	---	---	---	---	7,127	226	63%	---	1,740	3,207	79%	---	3,418	982.22	63%	12,284
2035	---	---	---	---	7,412	226	63%	---	1,858	3,207	79%	---	3,575	982.22	63%	12,845
2040	---	---	---	---	7,710	226	63%	---	1,983	3,207	79%	---	3,740	982.22	63%	13,433

California Water Service Company - Salinas District

Worksheet 24

Water Supply and Demand Analysis and Projections

Comparison of Projected Demand and Conservation Savings Between SBx7-7 Compliance Targets and Actual Proposed Programs

Year	SBx7-7 Compliance Target (gpcd)	Anticipated GPCD with Proposed Programs*	Estimated Population	Undadjusted Baseline Demand (AFY)	SBx7-7 Compliance Target Demand (AFY)	Anticipated Demand with Proposed Programs (AFY)	Compliance Target Savings Requirement (AFY)	Savings Due to Proposed Programs (AFY)
2005-2009 Average	139	139	130,740	20,284	20,284	20,284	0	0
2010	139	139	134,870	20,925	20,925	20,925	0	0
2011	137	139	136,540	21,184	20,954	21,259	230	-75
2012	136	137	138,240	21,448	20,983	21,214	465	234
2013	134	136	139,960	21,715	21,008	21,321	706	393
2014	133	134	141,700	21,985	21,031	21,269	953	716
2015	131	131	143,470	22,259	21,053	21,053	1,207	1,207
2016	126	126	145,260	22,537	20,583	20,583	1,954	1,954
2017	122	122	147,080	22,819	20,099	20,099	2,720	2,720
2018	117	117	148,920	23,105	19,600	19,600	3,505	3,505
2019	113	113	150,790	23,395	19,085	19,085	4,310	4,310
2020	116	116	152,690	23,690	19,840	19,840	3,850	3,850
2021	116	116	154,610	23,988	20,090	20,090	3,898	3,898
2022	116	116	156,560	24,290	20,343	20,343	3,947	3,947
2023	116	116	158,540	24,597	20,600	20,600	3,997	3,997
2024	116	116	160,550	24,909	20,861	20,861	4,048	4,048
2025	116	116	162,580	25,224	21,125	21,125	4,099	4,099
2026	116	116	164,650	25,545	21,394	21,394	4,151	4,151
2027	116	116	166,740	25,870	21,666	21,666	4,204	4,204
2028	116	116	168,860	26,198	21,941	21,941	4,257	4,257
2029	116	116	171,010	26,532	22,220	22,220	4,312	4,312
2030	116	116	173,190	26,870	22,504	22,504	4,366	4,366
2031	116	116	175,410	27,215	22,792	22,792	4,422	4,422
2032	116	116	177,650	27,562	23,083	23,083	4,479	4,479
2033	116	116	179,930	27,916	23,380	23,380	4,536	4,536
2034	116	116	182,240	28,274	23,680	23,680	4,595	4,595
2035	116	116	184,580	28,637	23,984	23,984	4,654	4,654
2036	116	116	186,950	29,005	24,292	24,292	4,713	4,713
2037	116	116	189,360	29,379	24,605	24,605	4,774	4,774
2038	116	116	191,810	29,759	24,923	24,923	4,836	4,836
2039	116	116	194,280	30,142	25,244	25,244	4,898	4,898
2040	116	116	196,800	30,533	25,572	25,572	4,962	4,962

*Note: The district is projected to achieve its district-specific 2015 SBx7-7 compliance target through a combination of passive and active savings. For the purpose of this analysis it is assumed that there will be a linear reduction in GPCD from 2015-2020 to achieve the district-specific 2020 SBx7-7 compliance target. GPCD will remain flat from 2020 through 2040.