Summary of Projected Water Demands for PCWA Supply Area
Scenario 2b

PCWA Demand Areas	DUs	Total Acres	Net Acres	Demand AF/yr Treated	Groundwater Municipal	Groundwater Private	Reclaimed	Total	2001 Discussion Raw Water	2001 Discussion Treated Water
Auburn										
City of Auburn	7,264	4,140	1,848	4,774	0	0	0	4,774	3,000	6,260
City of Auburn (Airport)	2	284	227	675	0	1	0	676		
Auburn/Bowman CP	5,985	11,903	6,251	5,454	0	319	0	5,774	5,300	6,185
Newcastle/Ophir	189	1,173	938	528	0	106	0	634	1,900	979
Subtotal:	*13,439*	*17,499*	*9,264*	*11,432*	*0*	*426*	*0*	*11,858*	*10,200*	*13,424*
Lincoln										
City of Lincoln, NID	6,598	2,842	1,873	6,471	0	0	0	6,471		
City of Lincoln, PCWA	18,278	10,495	5,626	19,544	0	2	727	20,272	5,600	35,041
Future City of Lincoln, West	20,438	12,600	4,609	12,040	0	360	5,099	17,500	17,000	
Subtotal:	*45,314*	*25,937*	*12,107*	*38,055*	*0*	*362*	*5,826*	*44,243*	*22,600*	*35,041*
Rocklin										
City of Rocklin	30,857	10,111	6,302	24,527	0	5	0	24,533	1,900	27,726
City of Rocklin (Whitney Ranch)	4,337	1,224	806	3,005	0	0	0	3,005		
Sierra Community College	19	341	243	15	0	9	0	23		
Unicorporated Area - A	342	102	82	274	0	0	0	274		
Subtotal:	*35,556*	*11,778*	*7,432*	*27,821*	*0*	*14*	*0*	*27,835*	*1,900*	*27,726*
Roseville										
City of Roseville	44,975	19,105	15,750	47,536	0	0	2,578	50,114		
City of Roseville, West	14,770	5,522	4,415	10,559	0	0	5,297	15,856		
Subtotal:	*59,745*	*24,627*	*20,165*	*58,095*	*0*	*0*	*7,875*	*65,970*	*0*	*0*
Loomis/Granite Bay										
Town of Loomis	2,635	4,662	3,497	2,826	0	742	0	3,568	8,700	2,598
Bickford Ranch Specific Plan	2,035	1,942	976	3,461	0	0	0	3,461	1,600	1,454
Granite Bay, PCWA	949	5,228	4,014	548	0	426	0	974	600	1,645
Horseshoe Bar/ Penryn CP	4,008	16,437	11,897	2,711	0	978	0	3,689	26,100	2,851
Unicorporated Area - B	126	464	246	77	0	48	0	125		
Unicorporated Area - C	2,173	6,839	4,686	2,491	0	866	0	3,357	9,500	
City of Roseville, PCWA	1,056	401	318	1,065	0	0	5	1,070		
Subtotal:	*12,981*	*35,972*	*25,634*	*13,179*	*0*	*3,061*	*5*	*16,245*	*46,500*	*8,548*
San Juan Water District										
Granite Bay, SJWD	7,584	7,799	5,513	15,215	0	0	0	15,215		
Granite Bay CP	201	367	289	238	0	0	0	238		
City of Roseville, SJWD	842	396	319	959	0	0	4	962		
Subtotal:	*8,627*	*8,563*	*6,122*	*16,411*	*0*	*0*	*4*	*16,415*	*0*	*0*
West Placer Development Areas										
Sunset Industrial Area (Zone 1)	2,901	4,417	3,095	11,255	0	0	2,570	13,825		12,297
Sunset Industrial Area (Zone 5)	2,888	4,327	2,758	6,042	0	0	846	6,889		
Dry Creek/West (Placer Vineyards)	21,631	5,163	3,689	13,262	0	246	1,686	15,195		12,626
Dry Creek/East	3,667	3,825	2,500	2,910	0	1,163	40	4,113		1,997
Curry Creek Community Plan	13,907	4,230	2,777	10,104	0	0	2,650	12,754		
Subtotal:	*44,993*	*21,963*	*14,819*	*43,573*	*0*	*1,410*	*7,794*	*52,776*	*0*	*26,920*
Remainder Area										
Sheridan CP	1,263	1,824	1,308	0	982	216	0	1,198		2,429
South Sutter Water District North	0	3,649	0	0	0	0	0	0		
South Sutter Water District South	0	15,529	0	0	0	0	0	0		
PCWA Zone 5, North	286	11,711	97	0	0	311	0	311		
PCWA Zone 5, South	138	10,136	266	29	0	105	0	134		
Camp Far West	0	2,754	0	0	0	0	0	0		
Subtotal:	*1,687*	*45,602*	*1,672*	*29*	*982*	*632*	*0*	*1,643*	*0*	*2,429*
NID Service Areas								0		
Auburn/Bowman NID	5,273	12,783	7,233	4,582	0	381	0	4,963		
Future City of Lincoln, NID	405	5,024	1,352	1,706	0	191	0	1,897		
Newcastle/Ophir NID	685	4,343	3,291	187	0	388	0	575		
NID Service Area	1,990	55,179	4,592	256	0	1,673	0	1,929		
Subtotal:	*8,353*	*77,329*	*16,469*	*6,732*	*0*	*2,632*	*0*	*9,364*	*0*	*0*
Total:	**230,695**	**269,270**	**113,684**	**215,327**	**982**	**8,536**	**21,504**	**246,349**	**81,200**	**114,088**

Summary of Projected Water Demands for PCWA Supply Area
Scenario 3

PCWA Demand Areas	DUs	Total Acres	Net Acres	Demand AF/yr				Total	2001 Discussion	
				Treated	Groundwater		Reclaimed		Raw Water	Treated Water
					Municipal	Private				
Auburn										
City of Auburn	9,192	4,240	2,018	6,112	0	0	0	6,112	3,000	6,260
City of Auburn (Airport)	0	284	241	751	0	0	0	751		
Auburn/Bowman CP	4,664	11,950	4,732	5,452	0	247	0	5,699	5,300	6,185
Newcastle/Ophir	181	1,163	721	621	0	95	0	716	1,900	979
Subtotal:	*14,037*	*17,637*	*7,712*	*12,936*	*0*	*342*	*0*	*13,278*	*10,200*	*13,424*
Lincoln										
City of Lincoln, NID	3,896	1,778	657	3,307	0	0	0	3,307		
City of Lincoln, PCWA	17,531	10,495	4,492	18,547	0	11	662	19,221	5,600	35,041
Future City of Lincoln, West	18,586	12,607	2,912	8,701	2,196	25	1,742	12,665	17,000	
Subtotal:	*40,013*	*24,880*	*8,061*	*30,555*	*2,196*	*37*	*2,404*	*35,192*	*22,600*	*35,041*
Rocklin										
City of Rocklin	23,060	10,149	4,910	21,695	0	8	0	21,704	1,900	27,726
City of Rocklin (Whitney Ranch)	4,150	1,555	798	3,385	0	0	0	3,385		
Sierra Community College	15	351	174	572	0	0	0	572		
Unicorporated Area - A	178	103	59	135	0	0	0	135		
Subtotal:	*27,403*	*12,157*	*5,941*	*25,786*	*0*	*8*	*0*	*25,795*	*1,900*	*27,726*
Roseville										
City of Roseville	48,162	19,167	9,019	40,676	0	0	1,873	42,549		
City of Roseville, West	19,502	5,482	1,778	9,041	0	0	334	9,375		
Subtotal:	*67,664*	*24,649*	*10,797*	*49,717*	*0*	*0*	*2,207*	*51,924*	*0*	*0*
Loomis/Granite Bay										
Town of Loomis	3,617	4,662	2,658	3,772	0	884	0	4,656	8,700	2,598
Bickford Ranch Specific Plan	2,168	2,183	1,244	2,068	0	0	0	2,068	1,600	1,454
Granite Bay, PCWA	1,752	5,234	2,903	2,136	0	461	0	2,597	600	1,645
Horseshoe Bar/ Penryn CP	4,437	16,531	8,919	3,518	0	1,914	0	5,432	26,100	2,851
Unicorporated Area - B	175	464	192	80	0	67	0	147		
Unicorporated Area - C	1,796	6,925	3,459	2,145	0	602	0	2,747	9,500	
City of Roseville, PCWA	1,003	402	218	989	0	0	5	994		
Subtotal:	*14,948*	*36,402*	*19,594*	*14,708*	*0*	*3,929*	*5*	*18,641*	*46,500*	*8,548*
San Juan Water District										
Granite Bay, SJWD	6,640	7,801	3,795	13,092	0	0	0	13,092		
Granite Bay CP	297	367	198	277	0	0	0	277		
City of Roseville, SJWD	1,007	396	179	967	0	0	4	971		
Subtotal:	*7,944*	*8,564*	*4,172*	*14,335*	*0*	*0*	*4*	*14,339*	*0*	*0*
West Placer Development Areas										
Sunset Industrial Area (Zone 1)	4,552	4,623	3,404	11,986	0	0	2,578	14,564		12,297
Sunset Industrial Area (Zone 5)	796	4,355	942	2,924	0	0	574	3,498		
Dry Creek/West (Placer Vineyards)	22,066	5,340	1,376	10,323	0	0	99	10,422		12,626
Dry Creek/East	7,311	3,883	1,801	4,558	0	1,632	61	6,252		1,997
Curry Creek Community Plan	18,002	4,224	703	8,776	0	0	327	9,103		
Subtotal:	*52,727*	*22,426*	*8,226*	*38,566*	*0*	*1,632*	*3,641*	*43,839*	*0*	*26,920*
Remainder Area										
Sheridan CP	473	1,825	928	0	503	124	0	627		2,429
South Sutter Water District North	0	3,650	3	10	0	0	0	10		
South Sutter Water District South	106	15,531	44	58	0	3	0	61		
PCWA Zone 5, North	32	11,708	450	258	0	29	0	288		
PCWA Zone 5, South	5,056	10,136	937	2,644	0	117	0	2,761		
Camp Far West	3	2,754	47	0	7	0	0	7		
Subtotal:	*5,670*	*45,604*	*2,409*	*2,971*	*510*	*273*	*0*	*3,754*	*0*	*2,429*
NID Service Areas								*0*		
Auburn/Bowman NID	5,405	12,816	8,577	20,275	0	330	0	20,605		
Future City of Lincoln, NID	4,901	5,166	1,267	2,750	0	1,102	0	3,852		
Newcastle/Ophir NID	899	4,328	2,397	211	0	487	0	698		
NID Service Area	10,802	55,225	5,570	5,178	0	1,326	0	6,504		
Subtotal:	*22,007*	*77,536*	*17,810*	*28,414*	*0*	*3,245*	*0*	*31,659*	*0*	*0*
Total:	**252,412**	**269,854**	**84,721**	**217,989**	**2,706**	**9,466**	**8,261**	**238,422**	**81,200**	**114,088**

City of Auburn

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	60														
High Density Residential 10.1-15.0 DU/Ac.	403	209	10.90	2,283	263		1.00				703				703
Medium Density Residential 7.1-10.0 DU/Ac.	96	50	7.81	389	355		1.00				162				162
Medium Density Residential 5.1-7.0 DU/Ac.	666	346	5.86	2,028	400		1.00				950				950
Low Density Residential 3.1-5.0 DU/Ac.	991	515	4.06	2,093	495		1.00				1,213				1,213
Low Density Residential 1.1-3.0 DU/Ac.	308	160	2.27	364	632		1.00				269				269
Low Density Residential 0.1-1.0 DU/Ac.	422	220	0.42	92	621		1.00				67				67
Rural Residential 1.1-2.3 Ac./DU	5	3	0.67	2	584		1.00				1				1
Rural Residential 2.31-4.6 Ac./DU	54	28	0.34	10	646		1.00				7				7
Rural Residential 10.1-20 Ac./DU	67	35	0.08	3	645		1.00				2				2
Commercial	351	183			0	1,857	1.00				397				397
Public	114	59	0.00	0		2,274	1.00				158				158
Industrial	76	39	0.00	0		2,166	1.00				100				100
Open Space	586	59	0.00	0		4,241	1.00				278				278
TOTAL:	4,200	1,906		7,264							4,307				4,307
UNACCOUNTED-FOR WATER:											796				796
TOTAL DEMAND:											5,103				5,103

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.52 for all land uses except Open Space net acreage factor is assumed to be 0.1.

Auburn/Bowman CP

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	1														
High Density Residential 10.1-15.0 DU/Ac.	32	26	10.90	283	263		1.00				87				87
Medium Density Residential 7.1-10.0 DU/Ac.	61	49	7.81	380	355		1.00				158				158
Medium Density Residential 5.1-7.0 DU/Ac.	13	10	5.86	59	400		1.00				28				28
Low Density Residential 3.1-5.0 DU/Ac.	1,031	825	4.06	3,348	495		1.00				1,940				1,940
Low Density Residential 1.1-3.0 DU/Ac.	104	83	2.27	188	632		1.00				139				139
Low Density Residential 0.1-1.0 DU/Ac.	33	27	0.42	11	621		0.75		0.25		6		2		8
Rural Residential 1.1-2.3 Ac./DU	722	578	0.67	387	584		0.75		0.25		198		66		265
Rural Residential 2.31-4.6 Ac./DU	4,578	3,663	0.34	1,245	646		0.75		0.25		706		235		942
Rural Residential 4.61-10.0 Ac./DU	537	430	0.19	82	645		0.75		0.25		46		15		62
Rural Residential 10.1-20 Ac./DU	16	13	0.08	1	645		0.75		0.25		1		0		1
Professional Office	101	81	0.00	0		2,166	1.00				204				204
Commercial	333	266			0	1,857	1.00				579				579
Industrial	252	202	0.00	0		2,166	1.00				511				511
Open Space	3,961	0	0.00	0		4,241	1.00				0				0
Water Influence	129	0	0.00	0		0									0
TOTAL:	11,903	6,251		5,985							4,604		319		4,923
UNACCOUNTED-FOR WATER:											851				851
TOTAL DEMAND:											5,454		319		5,774

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Auburn/Bowman NID

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	23	19	10.90	203	263		1.00				62				62
Medium Density Residential 7.1-10.0 DU/Ac.	259	207	7.81	1,615	355		1.00				671				671
Low Density Residential 3.1-5.0 DU/Ac.	286	229	4.06	929	495		1.00				538				538
Low Density Residential 1.1-3.0 DU/Ac.	246	196	2.27	446	632		1.00				330				330
Low Density Residential 0.1-1.0 DU/Ac.	40	32	0.42	13	621		0.75		0.25		7		2		10
Rural Residential 1.1-2.3 Ac./DU	1,260	1,008	0.67	675	584		0.75		0.25		346		115		462
Rural Residential 2.31-4.6 Ac./DU	3,575	2,860	0.34	972	646		0.75		0.25		551		184		735
Rural Residential 4.61-10.0 Ac./DU	2,753	2,202	0.19	418	645		0.75		0.25		237		79		316
Professional Office	33	26	0.00	0		2,166	1.00				67				67
Commercial	327	261			0	1,857	1.00				568				568
Industrial	241	193	0.00	0		2,166	1.00				489				489
Agricultural or Timberland 10 Ac. Min.	3,195	0	0.00	0		4,241									0
Agricultural or Timberland 40 Ac. Min.	5	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	75	0	0.00	0		4,241									0
Open Space	174	0	0.00	0		4,241	1.00				0				0
Water Influence	298	0	0.00	0		0									0
TOTAL:	12,789	7,233		5,273							3,867		381		4,248
UNACCOUNTED-FOR WATER:											715				715
TOTAL DEMAND:											4,582		381		4,963

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Auburn (Airport)

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 1.1-2.3 Ac./DU	3	3	0.67	2	584		0.50		0.50		1		1		1
Industrial	281	225	0.00	0		2,166	1.00				570				570
TOTAL:	284	227		2							570		1		571
UNACCOUNTED-FOR WATER:											105				105
TOTAL DEMAND:											675		1		676

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Bickford Ranch Specific Plan

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	17	14	10.92	149	312		1.00				54				54
Medium Density Residential 5.1-7.0 DU/Ac.	338	270	5.80	1,568	491		1.00				901				901
Low Density Residential 1.1-3.0 DU/Ac.	150	120	2.18	262	692		1.00				212				212
Rural Residential 4.61-10.0 Ac./DU	259	207	0.27	56	768		1.00				50				50
Professional Office	10	8	0.00	0		2,600	1.00				24				24
Recreation/Conservation	386	347	0.00	0		4,241	1.00				1,650				1,650
Public	7	6	0.00	0		2,729	1.00				19				19
Industrial	4	3	0.00	0		2,600	1.00				10				10
Open Space	771	0	0.00	0		4,241	1.00				0				0
TOTAL:	1,942	976		2,035							2,921				2,921
UNACCOUNTED-FOR WATER:											540				540
TOTAL DEMAND:											3,461				3,461

1. Land use acres and dwelling units per specific current plans for development are from Bickford Ranch Specific Plan 9-1-2004
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.9.

Camp Far West

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	2,754	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	0	0	0.00	0		4,241									0
TOTAL:	2,754	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Curry Creek Community Plan

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 5.1-7.0 DU/Ac.	22	17	5.80	101	491		1.00				58				58
Agricultural or Timberland 20 Ac. Min.	47	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	4,151	0	0.00	0		4,241									0
TOTAL:	4,221	17		101							58				58
UNACCOUNTED-FOR WATER:											11				11
TOTAL DEMAND:											69				69

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Dry Creek/East

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	2	1	18.00	25	300		1.00				9				9
Medium Density Residential 7.1-10.0 DU/Ac.	69	56	7.70	427	435		1.00				218				218
Medium Density Residential 5.1-7.0 DU/Ac.	123	98	5.80	570	491		1.00				328				328
Low Density Residential 1.1-3.0 DU/Ac.	1,111	889	2.11	1,876	692		0.50		0.50		760		760		1,519
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		0.50		0.50		0		0		0
Rural Residential 1.1-2.3 Ac./DU	1,492	1,193	0.67	800	863		0.50		0.50		404		404		808
Professional Office	15	12	0.00	0		2,600	0.95			0.05	35			2	37
Commercial	58	47				2,228	0.95			0.05	115			6	122
Public	44	35	0.00	0		2,729	0.95			0.05	108			6	113
Industrial	236	189	0.00	0		2,600	0.95			0.05	547			29	575
Open Space	706	0	0.00	0		4,241	0.50			0.50	0			0	0
TOTAL:	3,857	2,521		3,698							2,523		1,163	42	3,728
UNACCOUNTED-FOR WATER:											466			1	467
TOTAL DEMAND:											2,989		1,163	43	4,196

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Dry Creek/West (Placer Vineyards)

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	274	219	18.52	4,060	300		1.00				1,426				1,426
Medium Density Residential 5.1-7.0 DU/Ac.	1,105	884	6.88	6,080	491		1.00				3,494				3,494
Low Density Residential 3.1-5.0 DU/Ac.	1,066	853	4.37	3,731	568		1.00				2,480				2,480
Low Density Residential 0.1-1.0 DU/Ac.	931	745	0.39	291	806		0.95			0.05	261			14	275
Professional Office	294	236	0.00	0		2,600	0.80			0.20	573			143	717
Recreation/Conservation	229	206	0.00	0		4,240	0.00			1.00	0			979	979
Public	220	176	0.00	0		2,729	0.25			0.75	141			422	562
Agricultural or Timberland 80 Ac. Min.	3	0	0.00	0		4,241									0
Open Space	1,040	0	0.00	0		4,241				1.00				0	0
TOTAL:	5,163	3,319		14,162							8,375			1,558	9,933
UNACCOUNTED-FOR WATER:											1,548			32	1,580
TOTAL DEMAND:											9,923			1,589	11,512

1. Land use acres and dwelling units per specific current plans for development are from MacKay & Somps 4-12-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.9.
6. Recreation/Conservation unit water use factor based on reference evapotranspiration for Western Placer County of 57 in/year. (California Irrigation Management Information System, 1999).

Granite Bay CP

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 3.1-5.0 DU/Ac.	2	2	4.27	8	568		1.00				5				5
Low Density Residential 1.1-3.0 DU/Ac.	3	2	2.11	4	692		1.00				4				4
Rural Residential 1.1-2.3 Ac./DU	348	279	0.67	187	863		1.00				189				189
Rural Residential 2.31-4.6 Ac./DU	7	6	0.35	2	723		1.00				2				2
Commercial	1	1				2,228	1.00				1				1
Open Space	0	0	0.00	0		4,241	1.00				0				0
TOTAL:	362	289		201							201				201
UNACCOUNTED-FOR WATER:											37				37
TOTAL DEMAND:											238				238

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Granite Bay, PCWA

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 3.1-5.0 DU/Ac.	1	1	4.27	4	1,500		1.00				6				6
Low Density Residential 1.1-3.0 DU/Ac.	10	8	2.11	17	1,500		1.00				30				30
Rural Residential 1.1-2.3 Ac./DU	648	519	0.67	348	863		0.50		0.50		176		176		351
Rural Residential 2.31-4.6 Ac./DU	1,400	1,120	0.35	392	723		0.50		0.50		166		166		332
Rural Residential 10.1-20 Ac./DU	2,964	2,371	0.08	190	768		0.50		0.50		85		85		171
Open Space	208	0	0.00	0		4,241	1.00				0				0
Water Influence	0	0	0.00	0		0									0
TOTAL:	5,232	4,019		950							463		427		890
UNACCOUNTED-FOR WATER:											86				86
TOTAL DEMAND:											549		427		975

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.
6. Unit water use for low density residential categories based on unit water use in Los Lagos.

Granite Bay, SJWD

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	0	0	29.00	4	186		1.00				1				1
High Density Residential 15.1-20.0 DU/Ac.	0	0	18.00	6	300		1.00				2				2
Medium Density Residential 7.1-10.0 DU/Ac.	74	59	7.70	454	435		1.00				231				231
Low Density Residential 3.1-5.0 DU/Ac.	506	405	4.27	1,730	1,455		1.00				2,946				2,946
Low Density Residential 1.1-3.0 DU/Ac.	1,582	1,266	3.00	3,798	1,455		1.00				6,468				6,468
Rural Residential 1.1-2.3 Ac./DU	1,928	1,543	0.67	1,034	1,455		1.00				1,760				1,760
Rural Residential 2.31-4.6 Ac./DU	1,821	1,457	0.35	510	1,455		1.00				868				868
Rural Residential 10.1-20 Ac./DU	759	607	0.08	49	1,455		1.00				83				83
Professional Office	66	52	0.00	0		2,600	1.00				160				160
Commercial	155	124				2,228	1.00				322				322
Open Space	905	0	0.00	0		4,241	1.00				0				0
LAKE	0	0	0.00	0		0									0
TOTAL:	7,796	5,513		7,584							12,842				12,842
UNACCOUNTED-FOR WATER:											2,374				2,374
TOTAL DEMAND:											15,215				15,215

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Horseshoe Bar/ Penryn CP

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	86														
Medium Density Residential 7.1-10.0 DU/Ac.	14	11	7.70	87	435		1.00				44				44
Medium Density Residential 5.1-7.0 DU/Ac.	159	127	5.80	737	491		1.00				424				424
Low Density Residential 3.1-5.0 DU/Ac.	49	39	4.27	166	568		1.00				110				110
Low Density Residential 1.1-3.0 DU/Ac.	442	354	2.11	746	692		1.00				604				604
Low Density Residential 0.1-1.0 DU/Ac.	80	64	0.43	28	806		0.50		0.50		13		13		26
Rural Residential 1.1-2.3 Ac./DU	15	12	0.67	8	863		0.50		0.50		4		4		8
Rural Residential 2.31-4.6 Ac./DU	5,965	4,772	0.35	1,670	723		0.50		0.50		707		707		1,413
Rural Residential 4.61-10.0 Ac./DU	511	409	0.20	82	768		0.50		0.50		37		37		73
Rural Residential 10.1-20 Ac./DU	7,586	6,069	0.08	486	768		0.50		0.50		218		218		436
Commercial	33	26				2,228	1.00				68				68
Industrial	24	20	0.00	0		2,600	1.00				59				59
Agricultural or Timberland 10 Ac. Min.	18	0	0.00	0		4,241									0
Open Space	344	0	0.00	0		4,241	1.00				0				0
Water Influence	579	0	0.00	0		0									0
LAKE	624	0	0.00	0		0									0
TOTAL:	16,529	11,902		4,009							2,288		979		3,267
UNACCOUNTED-FOR WATER:											423				423
TOTAL DEMAND:											2,711		979		3,690

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Lincoln, NID

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	17	14	18.00	244	300										86
High Density Residential 10.1-15.0 DU/Ac.	117	94	10.92	1,021	312		1.00				373				373
Low Density Residential 3.1-5.0 DU/Ac.	1,561	1,249	4.27	5,333	568		1.00				3,545				3,545
Professional Office	361	289	0.00	0		2,600	1.00				879				879
Commercial	123	98				2,228	1.00				257				257
Public	115	92	0.00	0		2,729	1.00				293				293
Industrial	47	37	0.00	0		2,600	1.00				114				114
Open Space	478	0	0.00	0		4,241	1.00				0				0
Water Influence	24	0	0.00	0		0									0
TOTAL:	2,842	1,873		6,598							5,461				5,461
UNACCOUNTED-FOR WATER:											1,009				1,009
TOTAL DEMAND:											6,471				6,471

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Lincoln, PCWA

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	36														
High Density Residential 15.1-20.0 DU/Ac.	160	128	18.00	2,309	300		1.00				811				811
High Density Residential 10.1-15.0 DU/Ac.	319	256	10.92	2,791	312		1.00				1,019				1,019
Medium Density Residential 5.1-7.0 DU/Ac.	54	43	5.80	248	491		1.00				143				143
Low Density Residential 3.1-5.0 DU/Ac.	3,350	2,680	4.27	11,444	568		1.00				7,608				7,608
Low Density Residential 0.1-1.0 DU/Ac.	21	17	0.43	7	806		0.75		0.25		5		2		7
Professional Office	96	77	0.00	0		2,600	0.90			0.10	211			23	234
Commercial	354	283				2,228	0.90			0.10	665			74	739
Recreation/Conservation	18	18	0.00	0		4,241	0.50			0.50	43			43	87
Public	160	128	0.00	0		2,729	0.90			0.10	368			41	409
Industrial	2,179	1,744	0.00	0		2,600	0.90			0.10	4,776			531	5,306
Agricultural or Timberland 10 Ac. Min.	158	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	106	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	48	0	0.00	0		4,241									0
Open Space	3,083	0	0.00	0		4,241	0.50			0.50	0			0	0
Water Influence	104	0	0.00	0		0									0
TOTAL:	10,248	5,374		16,800							15,650		2	712	16,364
UNACCOUNTED-FOR WATER:											2,893			15	2,907
TOTAL DEMAND:											18,543		2	727	19,271

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Future City of Lincoln, NID

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	1,177	942	0.43	405	806		0.50		0.50		191		191		382
Industrial	513	410	0.00	0		2,600	1.00				1,249				1,249
Agricultural or Timberland 10 Ac. Min.	1,192	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	2,083	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	59	0	0.00	0		4,241									0
TOTAL:	5,024	1,352		405							1,440		191		1,631
UNACCOUNTED-FOR WATER:											266				266
TOTAL DEMAND:											1,706		191		1,897

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Future City of Lincoln, West

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	380	304	0.43	131	806		0.75		0.25		93		31		123
Industrial	0	0	0.00	0		2,600	0.50			0.50	0			0	0
Agricultural or Timberland 20 Ac. Min.	1,619	841	0.00	0		4,241				1.00				3,995	3,995
Agricultural or Timberland 80 Ac. Min.	10,586	0	0.00	0		4,241									0
Open Space	20	0	0.00	0		4,241				1.00				0	0
TOTAL:	12,606	1,145		131							93		31	3,995	4,118
UNACCOUNTED-FOR WATER:											17			82	99
TOTAL DEMAND:											110		31	4,076	4,217

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.
6. Agricultural/Timberland 20 Ac. Min. unit water use factor based on reference evapotranspiration for Western Placer County of 57 in/year. (California Irrigation Management Information System, 1999).
7. Agricultural/Timberland net acreage derived based on estimated future reuse water demand.

Town of Loomis

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	289														
High Density Residential 10.1-15.0 DU/Ac.	2	1	10.92	14	312		1.00				5				5
Medium Density Residential 7.1-10.0 DU/Ac.	7	5	7.70	41	435		1.00				21				21
Medium Density Residential 5.1-7.0 DU/Ac.	148	118	5.80	687	491		1.00				395				395
Low Density Residential 3.1-5.0 DU/Ac.	213	171	4.27	729	568		1.00				485				485
Low Density Residential 1.1-3.0 DU/Ac.	35	28	2.11	59	692		1.00				48				48
Low Density Residential 0.1-1.0 DU/Ac.	295	236	0.43	101	806		0.25		0.75		24		72		96
Rural Residential 1.1-2.3 Ac./DU	494	395	0.67	265	863		0.25		0.75		67		201		268
Rural Residential 2.31-4.6 Ac./DU	2,636	2,109	0.35	738	723		0.25		0.75		156		469		625
Rural Residential 10.1-20 Ac./DU	16	13	0.08	1	768		0.25		0.75		0		1		1
Commercial	308	246				2,228	1.00				642				642
Recreation/Conservation	5	4	0.00	0		4,241	1.00				19				19
Public	69	55	0.00	0		2,729	1.00				176				176
Industrial	143	114	0.00	0		2,600	1.00				348				348
Open Space	0	0	0.00	0		4,241	1.00				0				0
Water Influence	1	0	0.00	0		0									0
TOTAL:	4,660	3,496		2,635							2,385		742		3,127
UNACCOUNTED-FOR WATER:											441				441
TOTAL DEMAND:											2,826		742		3,568

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.8.

Newcastle/Ophir

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	111	89	0.42	37	621		0.25		0.75		7		20		27
Rural Residential 2.31-4.6 Ac./DU	177	142	0.34	48	646		0.25		0.75		9		27		36
Rural Residential 4.61-10.0 Ac./DU	680	544	0.19	103	645		0.25		0.75		20		59		78
Commercial	11	8			0	1,857	1.00				18				18
Industrial	193	155	0.00	0		2,166	1.00				392				392
Water Influence	0	0	0.00	0		0									0
TOTAL:	1,173	938		189							446		106		552
UNACCOUNTED-FOR WATER:											82				82
TOTAL DEMAND:											528		106		634

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Newcastle/Ophir NID

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	20	16	0.42	7	621		0.25		0.75		1		4		5
Rural Residential 2.31-4.6 Ac./DU	486	389	0.34	132	646		0.25		0.75		25		75		100
Rural Residential 4.61-10.0 Ac./DU	3,591	2,873	0.19	546	645		0.25		0.75		103		309		412
Commercial	17	13			0	1,857	1.00				29				29
Agricultural or Timberland 10 Ac. Min.	228	0	0.00	0		4,241									0
Water Influence	0	0	0.00	0		0									0
TOTAL:	4,343	3,291		685							158		388		546
UNACCOUNTED-FOR WATER:											29				29
TOTAL DEMAND:											187		388		575

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

NID Service Area

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	5,735	4,588	0.43	1,973	806		0.10		0.90		186		1,675		1,861
Rural Residential 4.61-10.0 Ac./DU	0	0	0.20	0	768		0.10		0.90		0		0		0
Commercial	9	7				2,228	1.00				18				18
Industrial	1	1	0.00	0		2,600	1.00				2				2
Agricultural or Timberland 10 Ac. Min.	19,014	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	16,465	0	0.00	0		4,241									0
Agricultural or Timberland 40 Ac. Min.	5,801	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	7,355	0	0.00	0		4,241									0
Open Space	154	0	0.00	0		4,241	1.00				0				0
LAKE	666	0	0.00	0		0									0
TOTAL:	55,197	4,595		1,973							207		1,675		1,882
UNACCOUNTED-FOR WATER:											38				38
TOTAL DEMAND:											245		1,675		1,920

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

PCWA Zone 5, North

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 10.1-20 Ac./DU	0	0	0.08	0	768				1.00				0		0
Industrial	60	48	0.00	0		2,600			1.00				147		147
Agricultural or Timberland 10 Ac. Min.	1,798	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	5,735	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	4,119	0	0.00	0		4,241									0
TOTAL:	11,713	48		0									147		147
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:													147		147

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

PCWA Zone 5, South

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	0														
Medium Density Residential 5.1-7.0 DU/Ac.	7	6	5.80	33	491				1.00				19		19
Low Density Residential 0.1-1.0 DU/Ac.	323	259	0.43	111	806				1.00				105		105
Agricultural or Timberland 80 Ac. Min.	9,814	0	0.00	0		4,241									0
TOTAL:	10,144	264		144									124		124
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:													124		124

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Rocklin

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	29														
High Density Residential 15.1-20.0 DU/Ac.	218	174	18.00	3,136	300		1.00				1,101				1,101
High Density Residential 10.1-15.0 DU/Ac.	261	208	10.92	2,277	312		1.00				831				831
Medium Density Residential 7.1-10.0 DU/Ac.	3,688	2,951	7.70	22,721	435		1.00				11,569				11,569
Medium Density Residential 5.1-7.0 DU/Ac.	2	2	5.80	11	491		1.00				7				7
Low Density Residential 3.1-5.0 DU/Ac.	6	5	4.27	20	568		1.00				13				13
Low Density Residential 1.1-3.0 DU/Ac.	1,580	1,264	2.11	2,668	692		1.00				2,161				2,161
Low Density Residential 0.1-1.0 DU/Ac.	39	31	0.43	13	806		0.75		0.25		9		3		13
Rural Residential 1.1-2.3 Ac./DU	2	2	0.67	1	863		0.75		0.25		1		0		1
Rural Residential 2.31-4.6 Ac./DU	26	21	0.35	7	723		0.75		0.25		5		2		6
Rural Residential 10.1-20 Ac./DU	27	22	0.08	2	768		0.75		0.25		1		0		2
Professional Office	110	88	0.00	0		2,600	1.00				267				267
Commercial	831	665				2,228	1.00				1,735				1,735
Resort/Recreation	30	27	0.00	0		4,241	1.00				128				128
Recreation/Conservation	1,662	166	0.00	0		4,241	1.00				789				789
Public	227	182	0.00	0		2,729	1.00				581				581
Industrial	619	495	0.00	0		2,600	1.00				1,507				1,507
Open Space	15	0	0.00	0		4,241	1.00				0				0
TOTAL:	9,373	6,303		30,857							20,706		5		20,711
UNACCOUNTED-FOR WATER:											3,827				3,827
TOTAL DEMAND:											24,533		5		24,538

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.1 and Resort/Recreation net acreage factor is assumed to be 0.9.

City of Rocklin (Whitney Ranch)

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	58	46	25.00	1,150	186		1.00				250				250
Medium Density Residential 7.1-10.0 DU/Ac.	27	21	9.96	212	435		1.00				108				108
Medium Density Residential 5.1-7.0 DU/Ac.	633	506	5.29	2,677	491		1.00				1,538				1,538
Low Density Residential 3.1-5.0 DU/Ac.	129	103	2.88	298	568		1.00				198				198
Professional Office	10	8	0.00	0		2,600	1.00				23				23
Commercial	34	27				2,228	1.00				71				71
Recreation/Conservation	60	30	0.00	0		4,241	1.00				143				143
Public	80	64	0.00	0		2,729	1.00				204				204
Open Space	194	0	0.00	0		4,241	1.00				0				0
TOTAL:	1,224	806		4,337							2,536				2,536
UNACCOUNTED-FOR WATER:											469				469
TOTAL DEMAND:											3,005				3,005

1. Land use acres and dwelling units per specific current plans for development are from City of Rocklin, TLA Plan, 2004
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.5.

City of Roseville

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	7														
High Density Residential 20.1+ DU/Ac.	101	101	29.00	2,918	186		1.00				635				635
High Density Residential 15.1-20.0 DU/Ac.	252	252	18.00	4,532	300		1.00				1,591				1,591
High Density Residential 10.1-15.0 DU/Ac.	164	164	10.92	1,792	312		1.00				654				654
Medium Density Residential 7.1-10.0 DU/Ac.	398	398	7.70	3,067	435		1.00				1,561				1,561
Medium Density Residential 5.1-7.0 DU/Ac.	1,771	1,771	5.80	10,270	491		1.00				5,902				5,902
Low Density Residential 3.1-5.0 DU/Ac.	4,882	4,882	4.27	20,845	568		1.00				13,858				13,858
Low Density Residential 1.1-3.0 DU/Ac.	732	732	2.11	1,544	692		1.00				1,250				1,250
Low Density Residential 0.1-1.0 DU/Ac.	35	35	0.43	15	806		1.00				14				14
Rural Residential 1.1-2.3 Ac./DU	62	62	0.67	42	863		1.00				42				42
Rural Residential 10.1-20 Ac./DU	4	4	0.08	0	768		1.00				0				0
Professional Office	695	695	0.00	0		2,600	0.90			0.10	1,904			212	2,116
Commercial	1,942	1,942				2,228	0.90			0.10	4,559			507	5,066
Resort/Recreation	0	0	0.00	0		4,241	1.00				1				1
Recreation/Conservation	2	2	0.00	0		4,241	1.00				8				8
Public	799	799	0.00	0		2,729	0.90			0.10	2,297			255	2,552
Industrial	2,817	2,817	0.00	0		2,600	0.90			0.10	7,717			857	8,575
Agricultural or Timberland 80 Ac. Min.	147	0	0.00	0		4,241									0
Special Study Area	138		0.00			0									
Open Space	2,857	1,143	0.00	0		4,241	1.00				5,429				5,429
TOTAL:	17,803	15,798		45,023							47,425			1,831	49,255
UNACCOUNTED-FOR WATER:											949			37	986
TOTAL DEMAND:											48,373			1,868	50,241

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, PCWA

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	12	12	18.00	222	300		1.00				78				78
Low Density Residential 3.1-5.0 DU/Ac.	148	148	4.27	632	568		1.00				420				420
Low Density Residential 1.1-3.0 DU/Ac.	96	96	2.11	202	692		1.00				164				164
Rural Residential 10.1-20 Ac./DU	5	5	0.08	0	768		1.00				0				0
Public	17	17	0.00	0		2,729	0.90			0.10	48			5	54
Open Space	99	40	0.00	0		4,241	1.00				188				188
TOTAL:	377	318		1,056							899			5	904
UNACCOUNTED-FOR WATER:											166			0	166
TOTAL DEMAND:											1,065			5	1,070

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, SJWD

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	4														
Medium Density Residential 5.1-7.0 DU/Ac.	1	1	5.80	6	491		1.00				3				3
Low Density Residential 3.1-5.0 DU/Ac.	133	133	4.27	566	568		1.00				377				377
Low Density Residential 1.1-3.0 DU/Ac.	125	125	2.11	264	692		1.00				214				214
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		1.00				0				0
Rural Residential 1.1-2.3 Ac./DU	7	7	0.67	5	863		1.00				5				5
Rural Residential 2.31-4.6 Ac./DU	3	3	0.35	1	723		1.00				1				1
Commercial	13	13				2,228	0.90			0.10	31			3	35
Open Space	97	38	0.00	0		4,241	1.00				179				179
TOTAL:	382	319		842							809			3	812
UNACCOUNTED-FOR WATER:											150			0	150
TOTAL DEMAND:											959			4	962

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, West

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	110	110	16.13	1,774	300		1.00				623				623
Medium Density Residential 7.1-10.0 DU/Ac.	143	143	7.44	1,064	435		1.00				542				542
Low Density Residential 3.1-5.0 DU/Ac.	1,501	1,501	3.70	5,552	568		1.00				3,691				3,691
Professional Office	128	128	0.00	0		2,600	0.75			0.25	292			97	390
Commercial	34	34				2,228	0.75			0.25	67			22	89
Recreation/Conservation	285	228	0.00	0		4,240	0.20			0.80	217			866	1,083
Public	150	150	0.00	0		2,729	0.75			0.25	360			120	480
Industrial	176	176	0.00	0		2,600	0.75			0.25	402			134	536
Agricultural or Timberland 20 Ac. Min.	91	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	2,309	0	0.00	0		4,241									0
Open Space	796	0	0.00	0		4,241				1.00				0	0
TOTAL:	5,724	2,471		8,390							6,194			1,240	7,433
UNACCOUNTED-FOR WATER:											124			25	149
TOTAL DEMAND:											6,317			1,265	7,583

1. Land use acres and dwelling units per specific current plans for development are from Master Water Study for West Roseville Specific Plan Area, Wood Rodgers May, 2003
2. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.8.
6. Recreation/Conservation unit water use factor based on reference evapotranspiration for Western Placer County of 57 in/year. (California Irrigation Management Information System, 1999).
7. Agricultural/Timberland net acreage derived based on estimated future reuse water demand.

Sheridan CP

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	75	60	7.70	465	435			1.00				237			237
Low Density Residential 3.1-5.0 DU/Ac.	132	105	4.27	450	568			1.00				299			299
Low Density Residential 1.1-3.0 DU/Ac.	56	45	2.11	94	692			1.00				76			76
Rural Residential 2.31-4.6 Ac./DU	793	634	0.35	222	723				1.00				188		188
Rural Residential 10.1-20 Ac./DU	491	393	0.08	31	768				1.00				28		28
Commercial	14	11				2,228		1.00				29			29
Public	43	35	0.00	0		2,729		1.00				110			110
Industrial	32	25	0.00	0		2,600		1.00				77			77
Agricultural or Timberland 10 Ac. Min.	17	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	53	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	119	0	0.00	0		4,241									0
TOTAL:	1,825	1,308		1,263								828	216		1,045
UNACCOUNTED-FOR WATER:												153			153
TOTAL DEMAND:												982	216		1,198

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Sierra Community College

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 10.1-20 Ac./DU	302	242	0.08	19	768		0.50		0.50		9		9		17
Commercial.	2	1				2,228	1.00				4				4
Open Space	37	0	0.00	0		4,241	1.00				0				0
TOTAL:	341	243		19							12		9		21
UNACCOUNTED-FOR WATER:											2				2
TOTAL DEMAND:											15		9		23

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

South Sutter Water District North

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	14	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	3,636	0	0.00	0		4,241									0
TOTAL:	3,650	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

South Sutter Water District South

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	86	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	15,446	0	0.00	0		4,241									0
TOTAL:	15,532	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Sunset Industrial Area (Zone 1)

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	31														
High Density Residential 15.1-20.0 DU/Ac	0	0	18.00	2	300		1.00				1				1
Low Density Residential 3.1-5.0 DU/Ac.	4	3	4.27	13	568		1.00				8				8
Professional Office	653	523	0.00	0		2,600	0.80			0.20	1,273			318	1,591
Commercial	50	40				2,228	0.80			0.20	84			21	104
Recreation/Conservation	19	10	0.00	0		4,241	0.50			0.50	23			23	45
Public	109	87	0.00	0		2,729	0.80			0.20	223			56	279
Industrial	2,793	2,234	0.00	0		2,600	0.80			0.20	5,440			1,360	6,800
Agricultural or Timberland 20 Ac. Min.	10	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	761	0	0.00	0		4,241									0
Open Space	16	0	0.00	0		4,241	0.50			0.50	0			0	0
TOTAL:	4,447	2,897		14							7,050			1,777	8,827
UNACCOUNTED-FOR WATER:											1,303			36	1,339
TOTAL DEMAND:											8,353			1,813	10,167

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.5.

Sunset Industrial Area (Zone 5)

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	46														
Professional Office	74	59	0.00	0		2,600	0.80			0.20	144			36	179
Public	672	538	0.00	0		2,729	0.80			0.20	1,374			343	1,717
Industrial	713	571	0.00	0		2,600	0.80			0.20	1,390			347	1,737
Agricultural or Timberland 20 Ac. Min.	623	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	2,036	0	0.00	0		4,241									0
Open Space	185	0	0.00	0		4,241	0.50			0.50	0			0	0
TOTAL:	4,350	1,167		0							2,907			727	3,634
UNACCOUNTED-FOR WATER:											537			15	552
TOTAL DEMAND:											3,444			742	4,186

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Unicorporated Area - A

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	1	1	7.70	6	435		1.00				3				3
Low Density Residential 3.1-5.0 DU/Ac.	97	78	4.27	331	568		1.00				220				220
Low Density Residential 1.1-3.0 DU/Ac.	3	2	2.11	5	692		1.00				4				4
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		0.50		0.50		0		0		0
Recreation/Conservation	1	1	0.00	0		4,241	1.00				4				4
TOTAL:	102	82		342							231		0		231
UNACCOUNTED-FOR WATER:											43				43
TOTAL DEMAND:											274		0		274

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Unicorporated Area - B

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	3	2	7.70	16	435		1.00				8				8
Low Density Residential 1.1-3.0 DU/Ac.	5	4	2.11	8	692		1.00				6				6
Low Density Residential 0.1-1.0 DU/Ac.	294	236	0.43	101	806		0.50		0.50		48		48		96
Rural Residential 10.1-20 Ac./DU	5	4	0.08	0	768		0.50		0.50		0		0		0
Commercial	1	1				2,228	1.00				3				3
Agricultural or Timberland 10 Ac. Min.	145	0	0.00	0		4,241									0
Open Space	11	0	0.00	0		4,241	1.00				0				0
TOTAL:	464	246		126							65		48		113
UNACCOUNTED-FOR WATER:											12				12
TOTAL DEMAND:											77		48		125

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Unicorporated Area - C

Scenario 1

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	0														
Medium Density Residential 7.1-10.0 DU/Ac.	24	19	7.70	146	435		1.00				75				75
Low Density Residential 3.1-5.0 DU/Ac.	55	44	4.27	189	568		1.00				126				126
Low Density Residential 0.1-1.0 DU/Ac.	5,360	4,288	0.43	1,844	806		0.50		0.50		870		870		1,739
Rural Residential 2.31-4.6 Ac./DU	0	0	0.35	0	723		0.50		0.50		0		0		0
Rural Residential 4.61-10.0 Ac./DU	0	0	0.20	0	768		0.50		0.50		0		0		0
Commercial	89	71				2,228	1.00				186				186
Industrial	359	287	0.00	0		2,600	1.00				874				874
Agricultural or Timberland 10 Ac. Min.	967	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	4	0	0.00	0		4,241									0
Open Space	11	0	0.00	0		4,241	1.00				0				0
Water Influence	0	0	0.00	0		0									0
TOTAL:	6,870	4,710		2,180							2,131		870		3,001
UNACCOUNTED-FOR WATER:											394				394
TOTAL DEMAND:											2,525		870		3,394

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Auburn

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	403	209	10.90	2,283	263		1.00				703				703
Medium Density Residential 7.1-10.0 DU/Ac.	96	50	7.81	389	355		1.00				162				162
Medium Density Residential 5.1-7.0 DU/Ac.	666	346	5.86	2,028	400		1.00				950				950
Low Density Residential 3.1-5.0 DU/Ac.	991	515	4.06	2,093	495		1.00				1,213				1,213
Low Density Residential 1.1-3.0 DU/Ac.	308	160	2.27	364	632		1.00				269				269
Low Density Residential 0.1-1.0 DU/Ac.	422	220	0.42	92	621		1.00				67				67
Rural Residential 1.1-2.3 Ac./DU	5	3	0.67	2	584		1.00				1				1
Rural Residential 2.31-4.6 Ac./DU	54	28	0.34	10	646		1.00				7				7
Rural Residential 10.1-20 Ac./DU	67	35	0.08	3	645		1.00				2				2
Commercial	351	183			0	1,857	1.00				397				397
Public	114	59	0.00	0		2,274	1.00				158				158
Industrial	76	39	0.00	0		2,166	1.00				100				100
Open Space	586	0	0.00	0		4,241	1.00				0				0
TOTAL:	4,140	1,848		7,264							4,029				4,029
UNACCOUNTED-FOR WATER:											745				745
TOTAL DEMAND:											4,774				4,774

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.52 for all land uses.

Auburn/Bowman CP

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	32	26	10.90	283	263		1.00				87				87
Medium Density Residential 7.1-10.0 DU/Ac.	61	49	7.81	380	355		1.00				158				158
Medium Density Residential 5.1-7.0 DU/Ac.	13	10	5.86	59	400		1.00				28				28
Low Density Residential 3.1-5.0 DU/Ac.	1,031	825	4.06	3,348	495		1.00				1,940				1,940
Low Density Residential 1.1-3.0 DU/Ac.	104	83	2.27	188	632		1.00				139				139
Low Density Residential 0.1-1.0 DU/Ac.	33	27	0.42	11	621		0.75		0.25		6		2		8
Rural Residential 1.1-2.3 Ac./DU	722	578	0.67	387	584		0.75		0.25		198		66		265
Rural Residential 2.31-4.6 Ac./DU	4,578	3,663	0.34	1,245	646		0.75		0.25		706		235		942
Rural Residential 4.61-10.0 Ac./DU	537	430	0.19	82	645		0.75		0.25		46		15		62
Rural Residential 10.1-20 Ac./DU	16	13	0.08	1	645		0.75		0.25		1		0		1
Professional Office	101	81	0.00	0		2,166	1.00				204				204
Commercial	333	266			0	1,857	1.00				579				579
Industrial	252	202	0.00	0		2,166	1.00				511				511
Open Space	3,961	0	0.00	0		4,241	1.00				0				0
Water Influence	129	0	0.00	0		0									0
TOTAL:	11,903	6,251		5,985							4,604		319		4,923
UNACCOUNTED-FOR WATER:											851				851
TOTAL DEMAND:											5,454		319		5,774

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Auburn/Bowman NID

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	23	19	10.90	203	263		1.00				62				62
Medium Density Residential 7.1-10.0 DU/Ac.	259	207	7.81	1,615	355		1.00				671				671
Low Density Residential 3.1-5.0 DU/Ac.	286	229	4.06	929	495		1.00				538				538
Low Density Residential 1.1-3.0 DU/Ac.	246	196	2.27	446	632		1.00				330				330
Low Density Residential 0.1-1.0 DU/Ac.	40	32	0.42	13	621		0.75		0.25		7		2		10
Rural Residential 1.1-2.3 Ac./DU	1,260	1,008	0.67	675	584		0.75		0.25		346		115		462
Rural Residential 2.31-4.6 Ac./DU	3,575	2,860	0.34	972	646		0.75		0.25		551		184		735
Rural Residential 4.61-10.0 Ac./DU	2,753	2,202	0.19	418	645		0.75		0.25		237		79		316
Professional Office	33	26	0.00	0		2,166	1.00				67				67
Commercial	327	261			0	1,857	1.00				568				568
Industrial	241	193	0.00	0		2,166	1.00				489				489
Agricultural or Timberland 10 Ac. Min.	3,190	0	0.00	0		4,241									0
Agricultural or Timberland 40 Ac. Min.	5	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	75	0	0.00	0		4,241									0
Open Space	174	0	0.00	0		4,241	1.00				0				0
Water Influence	298	0	0.00	0		0									0
TOTAL:	12,783	7,233		5,273							3,867		381		4,248
UNACCOUNTED-FOR WATER:											715				715
TOTAL DEMAND:											4,582		381		4,963

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Auburn (Airport)

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 1.1-2.3 Ac./DU	3	3	0.67	2	584		0.50		0.50		1		1		1
Industrial	281	225	0.00	0		2,166	1.00				570				570
TOTAL:	284	227		2							570		1		571
UNACCOUNTED-FOR WATER:											105				105
TOTAL DEMAND:											675		1		676

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Bickford Ranch Specific Plan

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	17	14	10.92	149	312		1.00				54				54
Medium Density Residential 5.1-7.0 DU/Ac.	338	270	5.80	1,568	491		1.00				901				901
Low Density Residential 1.1-3.0 DU/Ac.	150	120	2.18	262	692		1.00				212				212
Rural Residential 4.61-10.0 Ac./DU	259	207	0.27	56	768		1.00				50				50
Professional Office	10	8	0.00	0		2,600	1.00				24				24
Recreation/Conservation	386	347	0.00	0		4,241	1.00				1,650				1,650
Public	7	6	0.00	0		2,729	1.00				19				19
Industrial	4	3	0.00	0		2,600	1.00				10				10
Open Space	771	0	0.00	0		4,241	1.00				0				0
TOTAL:	1,942	976		2,035							2,921				2,921
UNACCOUNTED-FOR WATER:											540				540
TOTAL DEMAND:											3,461				3,461

1. Land use acres and dwelling units per specific current plans for development are from Bickford Ranch Specific Plan 9-1-2004
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.9.

Camp Far West

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	2,754	0	0.00	0		4,241									0
TOTAL:	2,754	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Curry Creek Community Plan

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	383	306	19.42	5,950	300		1.00				2,089				2,089
Medium Density Residential 7.1-10.0 DU/Ac.	450	360	8.75	3,150	435		1.00				1,604				1,604
Medium Density Residential 5.1-7.0 DU/Ac.	1,036	829	5.80	4,807	491		1.00				2,763				2,763
Professional Office	400	320	0.00	0		2,600	0.75			0.25	730			243	974
Recreation/Conservation	400	320	0.00	0		4,240				1.00				1,520	1,520
Public	700	560	0.00	0		2,729	0.75			0.25	1,342			447	1,789
Agricultural or Timberland 80 Ac. Min.	11	0	0.00	0		4,241									0
Open Space	850	81	0.00	0		4,241				1.00				387	387
TOTAL:	4,230	2,777		13,907							8,528			2,597	11,125
UNACCOUNTED-FOR WATER:											1,576			53	1,629
TOTAL DEMAND:											10,104			2,650	12,754

1. Land use acres and dwelling units per specific current plans for development are from MacKay & Somps 4-12-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Open Space net acreage factor is assumed to be 0.095.

Dry Creek/East

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	0	0	18.00	2	300		1.00				1				1
Medium Density Residential 7.1-10.0 DU/Ac	69	56	7.70	427	435		1.00				218				218
Medium Density Residential 5.1-7.0 DU/Ac.	121	97	5.80	563	491		1.00				324				324
Low Density Residential 1.1-3.0 DU/Ac.	1,111	889	2.11	1,876	692		0.50		0.50		760		760		1,519
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		0.50		0.50		0		0		0
Rural Residential 1.1-2.3 Ac./DU	1,492	1,193	0.67	800	863		0.50		0.50		404		404		808
Professional Office	15	12	0.00	0		2,600	0.95			0.05	35			2	37
Commercial	58	47				2,228	0.95			0.05	115			6	122
Public	24	19	0.00	0		2,729	0.95			0.05	58			3	61
Industrial	234	188	0.00	0		2,600	0.95			0.05	542			29	571
Open Space	700	0	0.00	0		4,241	1.00				0				0
TOTAL:	3,825	2,500		3,667							2,456		1,163	40	3,659
UNACCOUNTED-FOR WATER:											454			1	455
TOTAL DEMAND:											2,910		1,163	40	4,113

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Dry Creek/West (Placer Vineyards)

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	274	219	18.52	4,060	300		1.00				1,426				1,426
Medium Density Residential 5.1-7.0 DU/Ac.	1,105	884	6.88	6,080	491		1.00				3,494				3,494
Low Density Residential 3.1-5.0 DU/Ac.	1,066	853	4.37	3,731	568		1.00				2,480				2,480
Low Density Residential 0.1-1.0 DU/Ac.	931	745	0.39	291	806				1.00				275		275
Professional Office	294	236	0.00	0		2,600	0.80			0.20	573			143	717
Recreation/Conservation	229	206	0.00	0		4,240	0.20			0.80	196			783	979
Public	220	176	0.00	0		2,729	0.25			0.75	141			422	562
Agricultural or Timberland 80 Ac. Min.	3	0	0.00	0		4,241									0
Open Space	1,040	0	0.00	0		4,241				1.00				0	0
TOTAL:	5,163	3,319		14,162							8,310		275	1,348	9,933
UNACCOUNTED-FOR WATER:											1,536			28	1,563
TOTAL DEMAND:											9,846		275	1,376	11,496

1. Land use acres and dwelling units per specific current plans for development are from MacKay & Somps 4-12-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.9.
6. Recreation/Conservation unit water use factor based on reference evapotranspiration for Western Placer County of 57 in/year. (California Irrigation Management Information System, 1999).

Granite Bay CP

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	6														
Low Density Residential 3.1-5.0 DU/Ac.	2	2	4.27	8	568		1.00				5				5
Low Density Residential 1.1-3.0 DU/Ac.	3	2	2.11	4	692		1.00				4				4
Rural Residential 1.1-2.3 Ac./DU	348	279	0.67	187	863		1.00				189				189
Rural Residential 2.31-4.6 Ac./DU	7	6	0.35	2	723		1.00				2				2
Commercial	1	1				2,228	1.00				1				1
Open Space	0	0	0.00	0		4,241	1.00				0				0
TOTAL:	367	289		201							201				201
UNACCOUNTED-FOR WATER:											37				37
TOTAL DEMAND:											238				238

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Granite Bay, PCWA

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	2														
Low Density Residential 3.1-5.0 DU/Ac.	1	1	4.27	4	1,500		1.00				6				6
Low Density Residential 1.1-3.0 DU/Ac.	10	8	2.11	17	1,500		1.00				30				30
Rural Residential 1.1-2.3 Ac./DU	648	519	0.67	348	863		0.50		0.50		176		176		351
Rural Residential 2.31-4.6 Ac./DU	1,397	1,117	0.35	391	723		0.50		0.50		165		165		331
Rural Residential 10.1-20 Ac./DU	2,961	2,369	0.08	190	768		0.50		0.50		85		85		170
Open Space	208	0	0.00	0		4,241	1.00				0				0
Water Influence	0	0	0.00	0		0									0
TOTAL:	5,228	4,014		949							463		426		889
UNACCOUNTED-FOR WATER:											85				85
TOTAL DEMAND:											548		426		974

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Granite Bay, SJWD

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	3														
High Density Residential 20.1+ DU/Ac.	0	0	29.00	4	186		1.00				1				1
High Density Residential 15.1-20.0 DU/Ac.	0	0	18.00	6	300		1.00				2				2
Medium Density Residential 7.1-10.0 DU/Ac.	74	59	7.70	454	435		1.00				231				231
Low Density Residential 3.1-5.0 DU/Ac.	506	405	4.27	1,730	1,455		1.00				2,946				2,946
Low Density Residential 1.1-3.0 DU/Ac.	1,582	1,266	3.00	3,798	1,455		1.00				6,468				6,468
Rural Residential 1.1-2.3 Ac./DU	1,928	1,543	0.67	1,034	1,455		1.00				1,760				1,760
Rural Residential 2.31-4.6 Ac./DU	1,821	1,457	0.35	510	1,455		1.00				868				868
Rural Residential 10.1-20 Ac./DU	759	607	0.08	49	1,455		1.00				83				83
Professional Office	66	52	0.00	0		2,600	1.00				160				160
Commercial	155	124				2,228	1.00				322				322
Open Space	905	0	0.00	0		4,241	1.00				0				0
LAKE	0	0	0.00	0		0									0
TOTAL:	7,799	5,513		7,584							12,842				12,842
UNACCOUNTED-FOR WATER:											2,374				2,374
TOTAL DEMAND:											15,215				15,215

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Horseshoe Bar/ Penryn CP

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	14	11	7.70	87	435		1.00				44				44
Medium Density Residential 5.1-7.0 DU/Ac.	159	127	5.80	737	491		1.00				424				424
Low Density Residential 3.1-5.0 DU/Ac.	49	39	4.27	166	568		1.00				110				110
Low Density Residential 1.1-3.0 DU/Ac.	442	354	2.11	746	692		1.00				604				604
Low Density Residential 0.1-1.0 DU/Ac.	80	64	0.43	28	806		0.50		0.50		13		13		26
Rural Residential 1.1-2.3 Ac./DU	15	12	0.67	8	863		0.50		0.50		4		4		8
Rural Residential 2.31-4.6 Ac./DU	5,961	4,769	0.35	1,669	723		0.50		0.50		706		706		1,412
Rural Residential 4.61-10.0 Ac./DU	511	409	0.20	82	768		0.50		0.50		37		37		73
Rural Residential 10.1-20 Ac./DU	7,584	6,067	0.08	485	768		0.50		0.50		218		218		436
Commercial	33	26				2,228	1.00				68				68
Industrial	24	20	0.00	0		2,600	1.00				59				59
Agricultural or Timberland 10 Ac. Min.	18	0	0.00	0		4,241									0
Open Space	344	0	0.00	0		4,241	1.00				0				0
Water Influence	579	0	0.00	0		0									0
LAKE	624	0	0.00	0		0									0
TOTAL:	16,437	11,897		4,008							2,288		978		3,266
UNACCOUNTED-FOR WATER:											423				423
TOTAL DEMAND:											2,711		978		3,689

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Lincoln, NID

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	17	14	18.00	244	300										86
High Density Residential 10.1-15.0 DU/Ac.	117	94	10.92	1,021	312		1.00				373				373
Low Density Residential 3.1-5.0 DU/Ac.	1,561	1,249	4.27	5,333	568		1.00				3,545				3,545
Professional Office	361	289	0.00	0		2,600	1.00				879				879
Commercial	123	98				2,228	1.00				257				257
Public	115	92	0.00	0		2,729	1.00				293				293
Industrial	47	37	0.00	0		2,600	1.00				114				114
Open Space	478	0	0.00	0		4,241	1.00				0				0
Water Influence	24	0	0.00	0		0									0
TOTAL:	2,842	1,873		6,598							5,461				5,461
UNACCOUNTED-FOR WATER:											1,009				1,009
TOTAL DEMAND:											6,471				6,471

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Lincoln, PCWA

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	284														
High Density Residential 15.1-20.0 DU/Ac.	160	128	18.00	2,309	300		1.00				811				811
High Density Residential 10.1-15.0 DU/Ac.	319	256	10.92	2,791	312		1.00				1,019				1,019
Medium Density Residential 5.1-7.0 DU/Ac.	383	307	5.80	1,778	491		1.00				1,022				1,022
Low Density Residential 3.1-5.0 DU/Ac.	3,335	2,668	4.27	11,393	568		1.00				7,574				7,574
Low Density Residential 0.1-1.0 DU/Ac.	21	17	0.43	7	806		0.75		0.25		5		2		7
Professional Office	96	77	0.00	0		2,600	0.90			0.10	211			23	234
Commercial	354	283				2,228	0.90			0.10	665			74	739
Recreation/Conservation	18	18	0.00	0		4,241	0.50			0.50	43			43	87
Public	161	129	0.00	0		2,729	0.90			0.10	370			41	411
Industrial	2,179	1,743	0.00	0		2,600	0.90			0.10	4,774			530	5,305
Agricultural or Timberland 80 Ac. Min.	0	0	0.00	0		4,241									0
Open Space	3,079	0	0.00	0		4,241	0.50			0.50	0			0	0
Water Influence	104	0	0.00	0		0									0
TOTAL:	10,495	5,626		18,278							16,495		2	712	17,209
UNACCOUNTED-FOR WATER:											3,049			15	3,063
TOTAL DEMAND:											19,544		2	727	20,272

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Future City of Lincoln, NID

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	1,177	942	0.43	405	806		0.50		0.50		191		191		382
Industrial	513	410	0.00	0		2,600	1.00				1,249				1,249
Agricultural or Timberland 10 Ac. Min.	1,192	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	2,083	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	59	0	0.00	0		4,241									0
TOTAL:	5,024	1,352		405							1,440		191		1,631
UNACCOUNTED-FOR WATER:											266				266
TOTAL DEMAND:											1,706		191		1,897

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Future City of Lincoln, West

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	90	73	29.00	2,121	186		1.00				462				462
High Density Residential 15.1-20.0 DU/Ac.	380	304	18.00	5,477	300		1.00				1,923				1,923
Medium Density Residential 7.1-10.0 DU/Ac.	1,610	1,289	7.70	9,929	435		1.00				5,055				5,055
Low Density Residential 3.1-5.0 DU/Ac.	740	592	4.27	2,530	568		1.00				1,682				1,682
Low Density Residential 0.1-1.0 DU/Ac.	1,110	888	0.43	382	806				1.00				360		360
Professional Office	160	130	0.00	0		2,600	0.80			0.20	317			79	396
Commercial	170	138				2,228	0.80			0.20	288			72	360
Recreation/Conservation	310	247	0.00	0		4,241	0.20			0.80	235			939	1,174
Public	310	251	0.00	0		2,729	0.25			0.75	200			601	801
Open Space	7,720	696	0.00	0		4,241				1.00				3,306	3,306
TOTAL:	12,600	4,609		20,438							10,162		360	4,997	15,519
UNACCOUNTED-FOR WATER:											1,878			102	1,980
TOTAL DEMAND:											12,040		360	5,099	17,500

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.
6. Recycled water factors set to equal estimated future reuse water demand.
7. Land use estimated based on Placer Vineyards type land use, with total acres adjusted to match overall Lincoln projected demand of 49,300 acre feet. Future City of Lincoln, West is used to make up the remaining demand after subtracting the NID supply (11,800 acft/yr) and the other Lincoln area demands from 49,300 acre feet/year.
8. Open Space acreage assumed to be balance of undeveloped land in subarea.

Town of Loomis

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	290														
High Density Residential 10.1-15.0 DU/Ac.	2	1	10.92	14	312		1.00				5				5
Medium Density Residential 7.1-10.0 DU/Ac.	7	5	7.70	41	435		1.00				21				21
Medium Density Residential 5.1-7.0 DU/Ac.	148	118	5.80	687	491		1.00				395				395
Low Density Residential 3.1-5.0 DU/Ac.	213	171	4.27	729	568		1.00				485				485
Low Density Residential 1.1-3.0 DU/Ac.	35	28	2.11	59	692		1.00				48				48
Low Density Residential 0.1-1.0 DU/Ac.	295	236	0.43	101	806		0.25		0.75		24		72		96
Rural Residential 1.1-2.3 Ac./DU	494	395	0.67	265	863		0.25		0.75		67		201		268
Rural Residential 2.31-4.6 Ac./DU	2,636	2,109	0.35	738	723		0.25		0.75		156		469		625
Rural Residential 10.1-20 Ac./DU	17	14	0.08	1	768		0.25		0.75		0		1		1
Commercial	308	246				2,228	1.00				642				642
Recreation/Conservation	5	4	0.00	0		4,241	1.00				19				19
Public	69	55	0.00	0		2,729	1.00				176				176
Industrial	143	114	0.00	0		2,600	1.00				348				348
Open Space	0	0	0.00	0		4,241	1.00				0				0
Water Influence	1	0	0.00	0		0									0
TOTAL:	4,662	3,497		2,635							2,385		742		3,127
UNACCOUNTED-FOR WATER:											441				441
TOTAL DEMAND:											2,826		742		3,568

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.8.

Newcastle/Ophir

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	111	89	0.42	37	621		0.25		0.75		7		20		27
Rural Residential 2.31-4.6 Ac./DU	177	142	0.34	48	646		0.25		0.75		9		27		36
Rural Residential 4.61-10.0 Ac./DU	680	544	0.19	103	645		0.25		0.75		20		59		78
Commercial	11	8			0	1,857	1.00				18				18
Industrial	193	155	0.00	0		2,166	1.00				392				392
Water Influence	0	0	0.00	0		0									0
TOTAL:	1,173	938		189							446		106		552
UNACCOUNTED-FOR WATER:											82				82
TOTAL DEMAND:											528		106		634

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Newcastle/Ophir NID

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Low Density Residential 0.1-1.0 DU/Ac.	20	16	0.42	7	621		0.25		0.75		1		4		5
Rural Residential 2.31-4.6 Ac./DU	486	389	0.34	132	646		0.25		0.75		25		75		100
Rural Residential 4.61-10.0 Ac./DU	3,591	2,873	0.19	546	645		0.25		0.75		103		309		412
Commercial	17	13			0	1,857	1.00				29				29
Agricultural or Timberland 10 Ac. Min.	228	0	0.00	0		4,241									0
Water Influence	0	0	0.00	0		0									0
TOTAL:	4,343	3,291		685							158		388		546
UNACCOUNTED-FOR WATER:											29				29
TOTAL DEMAND:											187		388		575

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

NID Service Area

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 5.1-7.0 DU/Ac.	4	3	5.80	20	491		1.00				12				12
Low Density Residential 0.1-1.0 DU/Ac	5,727	4,581	0.43	1,970	806		0.10		0.90		186		1,673		1,858
Rural Residential 4.61-10.0 Ac./DU	0	0	0.20	0	768		0.10		0.90		0		0		0
Commercial	9	7				2,228	1.00				18				18
Industrial	0	0	0.00	0		2,600	1.00				1				1
Agricultural or Timberland 10 Ac. Min.	19,000	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	16,465	0	0.00	0		4,241									0
Agricultural or Timberland 40 Ac. Min.	5,801	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	7,354	0	0.00	0		4,241									0
Open Space	154	0	0.00	0		4,241	1.00				0				0
LAKE	666	0	0.00	0		0									0
TOTAL:	55,179	4,592		1,990							216		1,673		1,889
UNACCOUNTED-FOR WATER:											40				40
TOTAL DEMAND:											256		1,673		1,929

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

PCWA Zone 5, North

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 5.1-7.0 DU/Ac.	62	49	5.80	286	491				1.00				164		164
Rural Residential 10.1-20 Ac./DU	0	0	0.08	0	768				1.00				0		0
Industrial	60	48	0.00	0		2,600			1.00				147		147
Agricultural or Timberland 10 Ac. Min.	1,798	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	5,674	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	4,117	0	0.00	0		4,241									0
TOTAL:	11,711	97		286									311		311
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:													311		311

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

PCWA Zone 5, South

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	1	1	10.92	12	312		1.00				4				4
Medium Density Residential 5.1-7.0 DU/Ac.	3	3	5.80	16	491		1.00				9				9
Low Density Residential 0.1-1.0 DU/Ac.	323	259	0.43	111	806				1.00				105		105
Professional Office	5	4	0.00	0		2,600	1.00				11				11
Public	0	0	0.00	0		2,729	1.00				0				0
Agricultural or Timberland 80 Ac. Min.	9,803	0	0.00	0		4,241									0
TOTAL:	10,136	266		138							25		105		130
UNACCOUNTED-FOR WATER:											5				5
TOTAL DEMAND:											29		105		134

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Rocklin

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	768														
High Density Residential 15.1-20.0 DU/Ac.	218	174	18.00	3,136	300		1.00				1,101				1,101
High Density Residential 10.1-15.0 DU/Ac.	261	208	10.92	2,277	312		1.00				831				831
Medium Density Residential 7.1-10.0 DU/Ac.	3,688	2,951	7.70	22,721	435		1.00				11,569				11,569
Medium Density Residential 5.1-7.0 DU/Ac.	2	2	5.80	11	491		1.00				7				7
Low Density Residential 3.1-5.0 DU/Ac.	6	5	4.27	20	568		1.00				13				13
Low Density Residential 1.1-3.0 DU/Ac.	1,580	1,264	2.11	2,668	692		1.00				2,161				2,161
Low Density Residential 0.1-1.0 DU/Ac.	39	31	0.43	13	806		0.75		0.25		9		3		13
Rural Residential 1.1-2.3 Ac./DU	2	2	0.67	1	863		0.75		0.25		1		0		1
Rural Residential 2.31-4.6 Ac./DU	26	21	0.35	7	723		0.75		0.25		5		2		6
Rural Residential 10.1-20 Ac./DU	27	22	0.08	2	768		0.75		0.25		1		0		2
Professional Office	108	86	0.00	0		2,600	1.00				262				262
Commercial	831	665				2,228	1.00				1,735				1,735
Resort/Recreation	30	27	0.00	0		4,241	1.00				128				128
Recreation/Conservation	1,662	166	0.00	0		4,241	1.00				789				789
Public	227	182	0.00	0		2,729	1.00				581				581
Industrial	619	495	0.00	0		2,600	1.00				1,507				1,507
Open Space	15	0	0.00	0		4,241	1.00				0				0
TOTAL:	10,111	6,302		30,857							20,701		5		20,707
UNACCOUNTED-FOR WATER:											3,826				3,826
TOTAL DEMAND:											24,527		5		24,533

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.1 and Resort/Recreation net acreage factor is assumed to be 0.9.

City of Rocklin (Whitney Ranch)

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	58	46	25.00	1,150	186		1.00				250				250
Medium Density Residential 7.1-10.0 DU/Ac.	27	21	9.96	212	435		1.00				108				108
Medium Density Residential 5.1-7.0 DU/Ac.	633	506	5.29	2,677	491		1.00				1,538				1,538
Low Density Residential 3.1-5.0 DU/Ac.	129	103	2.88	298	568		1.00				198				198
Professional Office	10	8	0.00	0		2,600	1.00				23				23
Commercial	34	27				2,228	1.00				71				71
Recreation/Conservation	60	30	0.00	0		4,241	1.00				143				143
Public	80	64	0.00	0		2,729	1.00				204				204
Open Space	194	0	0.00	0		4,241	1.00				0				0
TOTAL:	1,224	806		4,337							2,536				2,536
UNACCOUNTED-FOR WATER:											469				469
TOTAL DEMAND:											3,005				3,005

1. Land use acres and dwelling units per specific current plans for development are from City of Rocklin, TLA Plan, 2004
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.5.

City of Roseville

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	1,364														
High Density Residential 20.1+ DU/Ac.	101	101	29.00	2,918	186		1.00				635				635
High Density Residential 15.1-20.0 DU/Ac.	250	250	18.00	4,502	300		1.00				1,581				1,581
High Density Residential 10.1-15.0 DU/Ac.	164	164	10.92	1,792	312		1.00				654				654
Medium Density Residential 7.1-10.0 DU/Ac.	398	398	7.70	3,067	435		1.00				1,561				1,561
Medium Density Residential 5.1-7.0 DU/Ac.	1,769	1,769	5.80	10,261	491		1.00				5,897				5,897
Low Density Residential 3.1-5.0 DU/Ac.	4,882	4,882	4.27	20,845	568		1.00				13,858				13,858
Low Density Residential 1.1-3.0 DU/Ac.	732	732	2.11	1,544	692		1.00				1,250				1,250
Low Density Residential 0.1-1.0 DU/Ac.	35	35	0.43	15	806		1.00				14				14
Rural Residential 1.1-2.3 Ac./DU	49	49	0.67	33	863		1.00				33				33
Rural Residential 10.1-20 Ac./DU	4	4	0.08	0	768		1.00				0				0
Professional Office	695	695	0.00	0		2,600	0.90			0.10	1,904			212	2,116
Commercial	1,942	1,942				2,228	0.90			0.10	4,559			507	5,066
Resort/Recreation	0	0	0.00	0		4,241	1.00				1				1
Recreation/Conservation	2	2	0.00	0		4,241	1.00				8				8
Public	778	778	0.00	0		2,729	0.90			0.10	2,238			249	2,486
Industrial	2,810	2,810	0.00	0		2,600	0.90			0.10	7,697			855	8,552
Agricultural or Timberland 80 Ac. Min.	144	0	0.00	0		4,241									0
Special Study Area	136		0.00			0									
Open Space	2,851	1,140	0.00	0		4,241	0.87			0.13	4,713			704	5,417
TOTAL:	19,105	15,750		44,975							46,604			2,526	49,130
UNACCOUNTED-FOR WATER:											932			52	984
TOTAL DEMAND:											47,536			2,578	50,114

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, PCWA

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	23														
High Density Residential 15.1-20.0 DU/Ac.	12	12	18.00	222	300		1.00				78				78
Low Density Residential 3.1-5.0 DU/Ac.	148	148	4.27	632	568		1.00				420				420
Low Density Residential 1.1-3.0 DU/Ac.	96	96	2.11	202	692		1.00				164				164
Rural Residential 10.1-20 Ac./DU	5	5	0.08	0	768		1.00				0				0
Public	17	17	0.00	0		2,729	0.90			0.10	48			5	54
Open Space	99	40	0.00	0		4,241	1.00				188				188
TOTAL:	401	318		1,056							899			5	904
UNACCOUNTED-FOR WATER:											166			0	166
TOTAL DEMAND:											1,065			5	1,070

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, SJWD

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
	17														
Medium Density Residential 5.1-7.0 DU/Ac.	1	1	5.80	6	491		1.00				3				3
Low Density Residential 3.1-5.0 DU/Ac.	133	133	4.27	566	568		1.00				377				377
Low Density Residential 1.1-3.0 DU/Ac.	125	125	2.11	264	692		1.00				214				214
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		1.00				0				0
Rural Residential 1.1-2.3 Ac./DU	7	7	0.67	5	863		1.00				5				5
Rural Residential 2.31-4.6 Ac./DU	3	3	0.35	1	723		1.00				1				1
Commercial	13	13				2,228	0.90			0.10	31			3	35
Open Space	97	38	0.00	0		4,241	1.00				179				179
TOTAL:	396	319		842							809			3	812
UNACCOUNTED-FOR WATER:											150			0	150
TOTAL DEMAND:											959			4	962

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.4.

City of Roseville, West

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	194	194	16.10	3,123	300		1.00				1,097				1,097
Medium Density Residential 7.1-10.0 DU/Ac.	252	252	7.43	1,873	435		1.00				954				954
Low Density Residential 3.1-5.0 DU/Ac.	2,642	2,642	3.70	9,774	568		1.00				6,498				6,498
Professional Office	226	226	0.00	0		2,600	0.75			0.25	516			172	688
Commercial	60	60				2,228	0.75			0.25	117			39	156
Recreation/Conservation	502	420	0.00	0		4,240				1.00				1,995	1,995
Public	265	265	0.00	0		2,729	0.75			0.25	635			212	846
Industrial	176	176	0.00	0		2,600	1.00				536			1,920	536
Open Space	1,205	180	0.00	0		4,241				1.00				854	854
TOTAL:	5,522	4,415		14,770							10,352			5,191	15,543
UNACCOUNTED-FOR WATER:											207			106	313
TOTAL DEMAND:											10,559			5,297	15,856

1. Land use acres and dwelling units per specific current plans for development are from Master Water Study for West Roseville Specific Plan Area, Wood Rodgers May, 2003
2. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 1.0 for all land uses except Open Space net acreage factor is assumed to be 0.15 and Recreation/Conservation net acreage factor is assumed to be 0.8.
6. Recreation/Conservation unit water use factor based on reference evapotranspiration for Western Placer County of 57 in/year. (California Irrigation Management Information System, 1999).
7. MOU 1 and 2 land use based on ratio of acreages from West Roseville Specific Plan areas and land use designations.
8. Industrial category recycled water demand manually entered as 1,920 to account for Roseville Energy Park.

Sheridan CP

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	75	60	7.70	465	435			1.00				237			237
Low Density Residential 3.1-5.0 DU/Ac.	132	105	4.27	450	568			1.00				299			299
Low Density Residential 1.1-3.0 DU/Ac.	56	45	2.11	94	692			1.00				76			76
Rural Residential 2.31-4.6 Ac./DU	793	634	0.35	222	723				1.00				188		188
Rural Residential 10.1-20 Ac./DU	491	393	0.08	31	768				1.00				28		28
Commercial	14	11				2,228		1.00				29			29
Public	43	35	0.00	0		2,729		1.00				110			110
Industrial	32	25	0.00	0		2,600		1.00				77			77
Agricultural or Timberland 10 Ac. Min.	17	0	0.00	0		4,241									0
Agricultural or Timberland 20 Ac. Min.	53	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	118	0	0.00	0		4,241									0
TOTAL:	1,824	1,308		1,263								828	216		1,045
UNACCOUNTED-FOR WATER:												153			153
TOTAL DEMAND:												982	216		1,198

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Sierra Community College

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 10.1-20 Ac./DU	302	242	0.08	19	768		0.50		0.50		9		9		17
Commercial	2	1				2,228	1.00				4				4
Open Space	37	0	0.00	0		4,241	1.00				0				0
TOTAL:	341	243		19							12		9		21
UNACCOUNTED-FOR WATER:											2				2
TOTAL DEMAND:											15		9		23

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

South Sutter Water District North

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	14	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	3,635	0	0.00	0		4,241									0
TOTAL:	3,649	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

South Sutter Water District South

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Professional Office	0	0	0.00	0		2,600	1.00				0				0
Agricultural or Timberland 20 Ac. Min.	86	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	15,443	0	0.00	0		4,241									0
TOTAL:	15,529	0		0							0				0
UNACCOUNTED-FOR WATER:											0				0
TOTAL DEMAND:											0				0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Sunset Industrial Area (Zone 1)

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	13	10	75.58	786	186		1.00				171				171
High Density Residential 15.1-20.0 DU/Ac.	37	30	22.14	657	300		1.00				231				231
High Density Residential 10.1-15.0 DU/Ac.	20	16	13.31	214	312		1.00				78				78
Medium Density Residential 7.1-10.0 DU/Ac.	98	78	9.96	781	435		1.00				398				398
Medium Density Residential 5.1-7.0 DU/Ac.	79	63	7.12	450	491		1.00				259				259
Low Density Residential 3.1-5.0 DU/Ac.	4	3	4.27	14	568		1.00				9				9
Professional Office	620	496	0.00	0		2,600	0.80			0.20	1,208			302	1,510
Commercial	356	285				2,228	0.80			0.20	594			149	743
Recreation/Conservation	529	265	0.00	0		4,241	0.80			0.20	1,005			251	1,256
Public	204	163	0.00	0		2,729	0.80			0.20	417			104	521
Industrial	2,107	1,686	0.00	0		2,600	1.00				5,130			1,713	5,130
Agricultural or Timberland 80 Ac. Min.	69	0	0.00	0		4,241									0
Open Space	281	0	0.00	0		4,241	0.50			0.50	0			0	0
TOTAL:	4,417	3,095		2,901							9,499			2,519	12,018
UNACCOUNTED-FOR WATER:											1,756			51	1,807
TOTAL DEMAND:											11,255			2,570	13,825

1. Land use acres and dwelling units per specific current plans for Placer Ranch development from Placer County Planning 4-18-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.5.
6. Industrial category recycled water demand manually entered as 1,713 to account for Formica and Rio Brava demands.

Sunset Industrial Area (Zone 5)

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 20.1+ DU/Ac.	13	10	75.58	786	186		1.00				171				171
High Density Residential 15.1-20.0 DU/Ac.	37	30	22.14	657	300		1.00				231				231
High Density Residential 10.1-15.0 DU/Ac.	20	16	13.31	214	312		1.00				78				78
Medium Density Residential 7.1-10.0 DU/Ac.	498	398	1.96	781	435		1.00				398				398
Medium Density Residential 5.1-7.0 DU/Ac.	979	783	0.57	450	491		1.00				259				259
Professional Office	420	336	0.00	0		2,600	0.80			0.20	818			205	1,023
Commercial	136	109				2,228	0.80			0.20	227			57	284
Recreation/Conservation	229	115	0.00	0		4,241	0.10			0.90	54			490	544
Public	154	123	0.00	0		2,729	0.80			0.20	315			79	394
Industrial	1,047	838	0.00	0		2,600	1.00				2,549				2,549
Agricultural or Timberland 80 Ac. Min.	600	0	0.00	0		4,241									0
Open Space	194	0	0.00	0		4,241	0.50			0.50	0			0	0
TOTAL:	4,327	2,758		2,888							5,100			829	5,929
UNACCOUNTED-FOR WATER:											943			17	959
TOTAL DEMAND:											6,042			846	6,889

1. Land use acres and dwelling units per specific current plans for Placer Ranch development from Placer County Planning 4-18-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.5.

Unicorporated Area - A

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	1	1	7.70	6	435		1.00				3				3
Low Density Residential 3.1-5.0 DU/Ac.	97	78	4.27	331	568		1.00				220				220
Low Density Residential 1.1-3.0 DU/Ac.	3	2	2.11	5	692		1.00				4				4
Low Density Residential 0.1-1.0 DU/Ac.	0	0	0.43	0	806		0.50		0.50		0		0		0
Recreation/Conservation	1	1	0.00	0		4,241	1.00				4				4
TOTAL:	102	82		342							231		0		231
UNACCOUNTED-FOR WATER:											43				43
TOTAL DEMAND:											274		0		274

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Unicorporated Area - B

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	3	2	7.70	16	435		1.00				8				8
Low Density Residential 1.1-3.0 DU/Ac.	5	4	2.11	8	692		1.00				6				6
Low Density Residential 0.1-1.0 DU/Ac.	294	236	0.43	101	806		0.50		0.50		48		48		96
Rural Residential 10.1-20 Ac./DU	5	4	0.08	0	768		0.50		0.50		0		0		0
Commercial	1	1				2,228	1.00				3				3
Agricultural or Timberland 10 Ac. Min.	145	0	0.00	0		4,241									0
Open Space	11	0	0.00	0		4,241	1.00				0				0
TOTAL:	464	246		126							65		48		113
UNACCOUNTED-FOR WATER:											12				12
TOTAL DEMAND:											77		48		125

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Unicorporated Area - C

Scenario 2

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Medium Density Residential 7.1-10.0 DU/Ac.	24	19	7.70	146	435		1.00				75				75
Low Density Residential 3.1-5.0 DU/Ac.	55	44	4.27	189	568		1.00				126				126
Low Density Residential 0.1-1.0 DU/Ac.	5,340	4,272	0.43	1,837	806		0.50		0.50		866		866		1,733
Rural Residential 2.31-4.6 Ac./DU	0	0	0.35	0	723		0.50		0.50		0		0		0
Rural Residential 4.61-10.0 Ac./DU	0	0	0.20	0	768		0.50		0.50		0		0		0
Commercial	88	70				2,228	1.00				183				183
Industrial	350	280	0.00	0		2,600	1.00				852				852
Agricultural or Timberland 10 Ac. Min.	967	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	4	0	0.00	0		4,241									0
Open Space	11	0	0.00	0		4,241	1.00				0				0
Water Influence	0	0	0.00	0		0									0
TOTAL:	6,839	4,686		2,173							2,102		866		2,969
UNACCOUNTED-FOR WATER:											389				389
TOTAL DEMAND:											2,491		866		3,357

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Auburn

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	403	209	10.90	2,283	263		1.00				703				703
Medium Density Residential 7.1-10.0 DU/Ac.	96	50	7.81	389	355		1.00				162				162
Medium Density Residential 5.1-7.0 DU/Ac.	666	346	5.86	2,028	400		1.00				950				950
Low Density Residential 3.1-5.0 DU/Ac.	991	515	4.06	2,093	495		1.00				1,213				1,213
Low Density Residential 1.1-3.0 DU/Ac.	308	160	2.27	364	632		1.00				269				269
Low Density Residential 0.1-1.0 DU/Ac.	422	220	0.42	92	621		1.00				67				67
Rural Residential 1.1-2.3 Ac./DU	5	3	0.67	2	584		1.00				1				1
Rural Residential 2.31-4.6 Ac./DU	54	28	0.34	10	646		1.00				7				7
Rural Residential 10.1-20 Ac./DU	67	35	0.08	3	645		1.00				2				2
Commercial	351	183			0	1,857	1.00				397				397
Public	114	59	0.00	0		2,274	1.00				158				158
Industrial	76	39	0.00	0		2,166	1.00				100				100
Open Space	586	0	0.00	0		4,241	1.00				0				0
TOTAL:	4,140	1,848		7,264							4,029				4,029
UNACCOUNTED-FOR WATER:											745				745
TOTAL DEMAND:											4,774				4,774

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.52 for all land uses.

Auburn/Bowman CP

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	32	26	10.90	283	263		1.00				87				87
Medium Density Residential 7.1-10.0 DU/Ac.	61	49	7.81	380	355		1.00				158				158
Medium Density Residential 5.1-7.0 DU/Ac.	13	10	5.86	59	400		1.00				28				28
Low Density Residential 3.1-5.0 DU/Ac.	1,031	825	4.06	3,348	495		1.00				1,940				1,940
Low Density Residential 1.1-3.0 DU/Ac.	104	83	2.27	188	632		1.00				139				139
Low Density Residential 0.1-1.0 DU/Ac.	33	27	0.42	11	621		0.75		0.25		6		2		8
Rural Residential 1.1-2.3 Ac./DU	722	578	0.67	387	584		0.75		0.25		198		66		265
Rural Residential 2.31-4.6 Ac./DU	4,578	3,663	0.34	1,245	646		0.75		0.25		706		235		942
Rural Residential 4.61-10.0 Ac./DU	537	430	0.19	82	645		0.75		0.25		46		15		62
Rural Residential 10.1-20 Ac./DU	16	13	0.08	1	645		0.75		0.25		1		0		1
Professional Office	101	81	0.00	0		2,166	1.00				204				204
Commercial	333	266			0	1,857	1.00				579				579
Industrial	252	202	0.00	0		2,166	1.00				511				511
Open Space	3,961	0	0.00	0		4,241	1.00				0				0
Water Influence	129	0	0.00	0		0									0
TOTAL:	11,903	6,251		5,985							4,604		319		4,923
UNACCOUNTED-FOR WATER:											851				851
TOTAL DEMAND:											5,454		319		5,774

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Auburn/Bowman NID

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	23	19	10.90	203	263		1.00				62				62
Medium Density Residential 7.1-10.0 DU/Ac.	259	207	7.81	1,615	355		1.00				671				671
Low Density Residential 3.1-5.0 DU/Ac.	286	229	4.06	929	495		1.00				538				538
Low Density Residential 1.1-3.0 DU/Ac.	246	196	2.27	446	632		1.00				330				330
Low Density Residential 0.1-1.0 DU/Ac.	40	32	0.42	13	621		0.75		0.25		7		2		10
Rural Residential 1.1-2.3 Ac./DU	1,260	1,008	0.67	675	584		0.75		0.25		346		115		462
Rural Residential 2.31-4.6 Ac./DU	3,575	2,860	0.34	972	646		0.75		0.25		551		184		735
Rural Residential 4.61-10.0 Ac./DU	2,753	2,202	0.19	418	645		0.75		0.25		237		79		316
Professional Office	33	26	0.00	0		2,166	1.00				67				67
Commercial	327	261			0	1,857	1.00				568				568
Industrial	241	193	0.00	0		2,166	1.00				489				489
Agricultural or Timberland 10 Ac. Min.	3,190	0	0.00	0		4,241									0
Agricultural or Timberland 40 Ac. Min.	5	0	0.00	0		4,241									0
Agricultural or Timberland 80 Ac. Min.	75	0	0.00	0		4,241									0
Open Space	174	0	0.00	0		4,241	1.00				0				0
Water Influence	298	0	0.00	0		0									0
TOTAL:	12,783	7,233		5,273							3,867		381		4,248
UNACCOUNTED-FOR WATER:											715				715
TOTAL DEMAND:											4,582		381		4,963

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

City of Auburn (Airport)

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Rural Residential 1.1-2.3 Ac./DU	3	3	0.67	2	584		0.50		0.50		1		1		1
Industrial	281	225	0.00	0		2,166	1.00				570				570
TOTAL:	284	227		2							570		1		571
UNACCOUNTED-FOR WATER:											105				105
TOTAL DEMAND:											675		1		676

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Bickford Ranch Specific Plan

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 10.1-15.0 DU/Ac.	17	14	10.92	149	312		1.00				54				54
Medium Density Residential 5.1-7.0 DU/Ac.	338	270	5.80	1,568	491		1.00				901				901
Low Density Residential 1.1-3.0 DU/Ac.	150	120	2.18	262	692		1.00				212				212
Rural Residential 4.61-10.0 Ac./DU	259	207	0.27	56	768		1.00				50				50
Professional Office	10	8	0.00	0		2,600	1.00				24				24
Recreation/Conservation	386	347	0.00	0		4,241	1.00				1,650				1,650
Public	7	6	0.00	0		2,729	1.00				19				19
Industrial	4	3	0.00	0		2,600	1.00				10				10
Open Space	771	0	0.00	0		4,241	1.00				0				0
TOTAL:	1,942	976		2,035							2,921				2,921
UNACCOUNTED-FOR WATER:											540				540
TOTAL DEMAND:											3,461				3,461

1. Land use acres and dwelling units per specific current plans for development are from Bickford Ranch Specific Plan 9-1-2004
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Recreation/Conservation net acreage factor is assumed to be 0.9.

Camp Far West

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
Agricultural or Timberland 20 Ac. Min.	2,754	0	0.00	0		4,241									0
TOTAL:	2,754	0		0											0
UNACCOUNTED-FOR WATER:															0
TOTAL DEMAND:															0

1. DU/Ac for the residential and commercial land use categories are based on analysis of 2004 PCWA Zone 1 customer parcel data.
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag., recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses.

Curry Creek Community Plan

Scenario 2b

Land Use	Acres	Net Acres	DU/Ac	DUs	GPD/DU	GPD/Ac	Source Water Demand Factor				Demand by Source, AF/Year				Demand, AF/Year
							Treated	Groundwater		Re-claimed	Treated	Groundwater		Re-claimed	
								Municipal Provided	Private Wells			Agency Provided	Private Wells		
High Density Residential 15.1-20.0 DU/Ac.	383	306	19.42	5,950	300		1.00				2,089				2,089
Medium Density Residential 7.1-10.0 DU/Ac.	450	360	8.75	3,150	435		1.00				1,604				1,604
Medium Density Residential 5.1-7.0 DU/Ac.	1,036	829	5.80	4,807	491		1.00				2,763				2,763
Professional Office	400	320	0.00	0		2,600	0.75			0.25	730			243	974
Recreation/Conservation	400	320	0.00	0		4,240				1.00				1,520	1,520
Public	700	560	0.00	0		2,729	0.75			0.25	1,342			447	1,789
Agricultural or Timberland 80 Ac. Min.	11	0	0.00	0		4,241									0
Open Space	850	81	0.00	0		4,241				1.00				387	387
TOTAL:	4,230	2,777		13,907							8,528			2,597	11,125
UNACCOUNTED-FOR WATER:											1,576			53	1,629
TOTAL DEMAND:											10,104			2,650	12,754

1. Land use acres and dwelling units per specific current plans for development are from MacKay & Somps 4-12-2005
2. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
3. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
4. Normalization factor of 1.045 is included in the "AF/Year" columns (except for ag , recreation and open space).
5. Net to gross acre factor is assumed to be 0.8 for all land uses except Open Space net acreage factor is assumed to be 0.095.