Granite Bay, SJWD

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		
	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 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		
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 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.	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 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		
	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 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		
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 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 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 0.37 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.

Town of Loomis

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		
	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 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		
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 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		
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 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		
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 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		
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 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.	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 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		
	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 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 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 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		
	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.

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.

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 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.	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 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		
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 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 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 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.	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 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		
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 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 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 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 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 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		
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 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		
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 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		
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 3

Land Use	Acres	Net Acreage Factor	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		
	583															
6. High Density Residential					1,017	127		1.00				151				151
5. Medium-High Density Residential	60				1,117	226		1.00				296				296
25C. Medium Density Mixed Residential C	1					306		1.00								
4. Medium Density Residential	189				1,289	318		1.00				480				480
24C. Low Density Mixed Residential	4					417		1.00								
3. Low Density Residential	1,636				4,615	431		1.00				2,328				2,328
2. Very Low Density Residential	391				690	592		1.00				478				478
1. Rural Residential	328				52	621		1.00				38				38
16. Community/Neighborhood Commercial/Office	126	0.85	107				1,901	1.00				238				238
16a. Community/Neighborhood Commercial/Office -	39	0.85	33				1,901	1.00				74				74
9. Moderate-Intensity Office	46	0.85	39				9,017	1.00				414				414
10. Community/Neighborhood Retail	23	0.85	20				1,901	1.00				44				44
11. Regional Retail	15	0.85	13				1,901	1.00				29				29
18. Mixed Use Employment Focus	49				412		1,901	1.00				92				92
15. Public/Quasi-Public	162	0.85	138				2,274	1.00				367				367
32. Minor (Outer) Urban Center/Corridor	89					791	1,901	1.00								
12. Light Industrial - Office	13	0.85	11				2,166	1.00				28				28
13. Light Industrial	47	0.85	40				2,166	1.00				101				101
14. Heavy Industrial	0	0.85	0				2,166									1
Additional Urban Reserve	5	0.85	4			812		1.00								
K. Open Space*	433	0.00	0				4,241	1.00				0				0
TOTAL:	4,240		2,018		9,192							5,158				5,158
UNACCOUNTED-FOR WATER:												953				953
TOTAL DEMAND:												6,112				6,112

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Auburn/Bowman CP

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	890															
6. High Density Residential					568	127		1.00				84				84
5. Medium-High Density Residential	23				420	226		1.00				111				111
25C. Medium Density Mixed Residential C	84					306		1.00								
4. Medium Density Residential	69				329	318		1.00				122				122
24C. Low Density Mixed Residential	328					417		1.00								
3. Low Density Residential	692				1,891	431		1.00				954				954
2. Very Low Density Residential	35				59	592		1.00				41				41
1. Rural Residential	5,454				1,358	621		0.75		0.25		740		247		987
16. Community/Neighborhood Commercial/Office	145	0.85	124				1,901	1.00				275				275
16a. Community/Neighborhood Commercial/Office -	64	0.85	54				1,901	1.00				120				120
9. Moderate-Intensity Office	24	0.85	20				9,017	1.00				212				212
10. Community/Neighborhood Retail	51	0.85	44				1,901	1.00				97				97
11. Regional Retail	15	0.85	13				1,901	1.00				28				28
18. Mixed Use Employment Focus	22				39	791	1,901									41
15. Public/Quasi-Public	526	0.85	447				2,274	1.00				1,190				1,190
31. Suburban Center/Corridor	0					791	1,901	1.00								
32. Minor (Outer) Urban Center/Corridor	58					791	1,901	1.00								
12. Light Industrial - Office	0						2,166	1.00								
13. Light Industrial	291	0.85	247				2,166	1.00				626				626
I. Agriculture*	18	0.00	0				4,241	1.00				0				0
K. Open Space*	3,163	0.00	0				4,241	1.00				0				0
TOTAL:	11,950		4,732		4,664							4,602		247		4,848
UNACCOUNTED-FOR WATER:												851				851
TOTAL DEMAND:												5,452		247		5,699

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Auburn/Bowman NID

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	532															
6. High Density Residential					252	127		1.00				37				37
5. Medium-High Density Residential	26				435	226		1.00				115				115
25C. Medium Density Mixed Residential C	106					306		1.00								
4. Medium Density Residential	184				1,506	318		1.00				561				561
24C. Low Density Mixed Residential	55					417		1.00								
3. Low Density Residential	175				628	431		1.00				317				317
2. Very Low Density Residential	16				35	592		1.00				24				24
1. Rural Residential	8,175				1,816	621		0.75		0.25		990		330		1,320
16. Community/Neighborhood Commercial/Office	127	0.85	108				1,901	1.00				240				240
16a. Community/Neighborhood Commercial/Office -	41	0.85	35				1,901	1.00				77				77
9. Moderate-Intensity Office	43	0.85	36				9,017	1.00				385				385
10. Community/Neighborhood Retail	29	0.85	24				1,901	1.00				54				54
11. Regional Retail	5	0.85	4				1,901	1.00				9				9
18. Mixed Use Employment Focus	88				733	791	1,901	1.00				167				167
15. Public/Quasi-Public	75	0.85	64				2,274	1.00				170				170
32. Minor (Outer) Urban Center/Corridor	16					791	1,901	1.00								
13. Light Industrial	196	0.85	166				2,166	1.00				422				422
14. Heavy Industrial	2	0.85	2				2,166	1.00				4				4
I. Agriculture*	2,850	1.00	2,850				4,241	1.00				13,540				13,540
K. Open Space*	76	0.00	0				4,241	1.00				0				0
TOTAL:	12,816		8,577		5,405							17,112		330		17,442
UNACCOUNTED-FOR WATER:												3,163				3,163
TOTAL DEMAND:												20,275		330		20,605

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Auburn (Airport)

Scenario 3

Land Use	Acres	Net Acreage Factor	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															
1. Rural Residential	0				0	621		0.50		0.50		0		0		0
9. Moderate-Intensity Office	0	0.85	0				9,017	1.00				0				0
15. Public/Quasi-Public	201	0.85	171				2,274	1.00				454				454
13. Light Industrial	83	0.85	71				2,166	1.00				179				179
TOTAL:	284		241		0							634		0		634
UNACCOUNTED-FOR WATER:												117				117
TOTAL DEMAND:												751		0		751

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Bickford Ranch Specific Plan

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	42															
3. Low Density Residential	3					504		1.00								
2. Very Low Density Residential	1,084				1,695	655		1.00				1,299				1,299
1. Rural Residential	989				473	806		1.00				446				446
1. Agriculture*	65	0.00	0				4,241	1.00				0				0
TOTAL:	2,183		1,244		2,168							1,746				1,746
UNACCOUNTED-FOR WATER:												323				323
TOTAL DEMAND:												2,068				2,068

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Camp Far West
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	135															
1. Rural Residential	77				3	806			1.00				3			3
15. Public/Quasi-Public	1	0.85	1				2,729		1.00				3			3
1. Agriculture*	2,541	0.00	0				4,241									0
TOTAL:	2,754		47		3								6			6
UNACCOUNTED-FOR WATER:													1			1
TOTAL DEMAND:													7			7

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Curry Creek Community Plan

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	75															
6. High Density Residential					1,636	127		1.00				243				243
5. Medium-High Density Residential					6,721	226		1.00				1,780				1,780
25C. Medium Density Mixed Residential C	1,756					306		1.00								
4. Medium Density Residential	159				7,428	350		1.00				3,043				3,043
24C. Low Density Mixed Residential	1,151					417		1.00								
3. Low Density Residential					1,818	504		1.00				1,072				1,072
2. Very Low Density Residential					397	655		1.00				304				304
1. Rural Residential	22				2	806		1.00				2				2
15. Public/Quasi-Public	473	0.85	402				2,729	0.75			0.25	963			321	1,284
31. Suburban Center/Corridor	32					791	3,284	0.75			0.25					
32. Minor (Outer) Urban Center/Corridor	140					791	3,284	0.75			0.25					
I. Agriculture*	189	0.00	0				4,241	1.00				0				0
31. Future Growth Area	226	0.85	192			812		0.75			0.25					
K. Open Space*	2	0.00	0				4,241	1.00				0				0
TOTAL:	4,224		703		18,002							7,407			321	7,728
UNACCOUNTED-FOR WATER:												1,369			7	1,376
TOTAL DEMAND:												8,776			327	9,103

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Dry Creek/East
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	197															
5. Medium-High Density Residential					719	226		1.00				190				190
4. Medium Density Residential	239				2,149	350		1.00				880				880
24C. Low Density Mixed Residential	653					417		0.95			0.05					
3. Low Density Residential	327				856	504		0.50		0.50		252		252		505
2. Very Low Density Residential	1,712				3,533	655		0.50		0.50		1,354		1,354		2,709
1. Rural Residential	133				54	806		0.50		0.50		25		25		51
16. Community/Neighborhood Commercial/Office	31	0.85	27				3,284	0.95			0.05	97			5	102
9. Moderate-Intensity Office	15	0.85	13				9,017	0.95			0.05	127			7	134
10. Community/Neighborhood Retail	4	0.85	3				3,284	0.95			0.05	12			1	13
15. Public/Quasi-Public	26	0.85	22				2,729	0.95			0.05	68			4	71
31. Suburban Center/Corridor	13					791	3,284	0.95			0.05					
13. Light Industrial	342	0.85	291				2,600	0.95			0.05	840			44	884
33. New Area MF	0					312		1.00								
K. Open Space*	192	0.00	0				4,241	1.00				0				0
TOTAL:	3,883		1,801		7,311							3,847		1,632	60	5,540
UNACCOUNTED-FOR WATER:												711			1	712
TOTAL DEMAND:												4,558		1,632	61	6,252

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Dry Creek/West (Placer Vineyards)

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	176															
6. High Density Residential					1,075	127		1.00				160				160
5. Medium-High Density Residential	59				7,197	226		1.00				1,906				1,906
25C. Medium Density Mixed Residential C	1,661					306		1.00								
4. Medium Density Residential	730				10,931	350		1.00				4,478				4,478
24C. Low Density Mixed Residential	1,332					417		1.00								
3. Low Density Residential	64				2,347	504		1.00				1,385				1,385
2. Very Low Density Residential	20				516	655		1.00				396				396
16. Community/Neighborhood Commercial/Office	10						3,284	0.80			0.20					
9. Moderate-Intensity Office	54	0.85	46				9,017	0.80			0.20	389			97	486
31. Suburban Center/Corridor	32					791	3,284	0.80			0.20					
32. Minor (Outer) Urban Center/Corridor	94					791	3,284	0.80			0.20					
I. Agriculture*	809	0.00	0				4,241									0
Additional Urban Reserve	7	0.85	6			812		1.00								
K. Open Space*	290	0.00	0				4,241				1.00				0	0
TOTAL:	5,340		1,376		22,066							8,712			97	8,810
UNACCOUNTED-FOR WATER:												1,610			2	1,612
TOTAL DEMAND:												10,323			99	10,422

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Granite Bay CP

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	38															
24C. Low Density Mixed Residential	1					417		1.00								
3. Low Density Residential	23				18	504		1.00				11				11
2. Very Low Density Residential	131				243	655		1.00				186				186
1. Rural Residential	173				36	806		1.00				34				34
16. Community/Neighborhood Commercial/Office	1	0.85	1				3,284	1.00				3				3
K. Open Space*	0	0.00	0				4,241	1.00				0				0
TOTAL:	367		198		297							234				234
UNACCOUNTED-FOR WATER:												43				43
TOTAL DEMAND:												277				277

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Granite Bay, PCWA

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	237															
4. Medium Density Residential	1				0	350		1.00				0				0
3. Low Density Residential	260				38	504		1.00				22				22
2. Very Low Density Residential	391				736	1,500		1.00				1,292				1,292
1. Rural Residential	4,174				978	806		0.50		0.50		461		461		923
9. Moderate-Intensity Office	1	0.85	1				9,017	1.00				8				8
11. Regional Retail	1	0.85	0				3,284	1.00				2				2
15. Public/Quasi-Public	6	0.85	5				2,729	1.00				17				17
K. Open Space*	162	0.00	0				4,241	1.00				0				0
TOTAL:	5,234		2,903		1,752							1,803		461		2,264
UNACCOUNTED-FOR WATER:												333				333
TOTAL DEMAND:												2,136		461		2,597

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Land Use	Acres	Net Acreage Factor	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		
	656															
5. Medium-High Density Residential	12				180	226		1.00				48				48
4. Medium Density Residential	28				148	350		1.00				61				61
24C. Low Density Mixed Residential	7					417		1.00								
3. Low Density Residential	602				628	504		1.00				370				370
2. Very Low Density Residential	2,471				4,537	1,455		1.00				7,727				7,727
1. Rural Residential	2,841				1,147	1,455		1.00				1,953				1,953
16. Community/Neighborhood Commercial/Office	84	0.85	72				3,284	1.00				275				275
16a. Community/Neighborhood Commercial/Office -	0	0.85	0				3,284	1.00				1				1
9. Moderate-Intensity Office	15	0.85	13				9,017	1.00				137				137
10. Community/Neighborhood Retail	60	0.85	51				3,284	1.00				195				195
11. Regional Retail	18	0.85	15				3,284	1.00				59				59
15. Public/Quasi-Public	83	0.85	70				2,729	1.00				225				225
K. Open Space*	923	0.00	0				4,241	1.00				0				0
TOTAL:	7,801		3,795		6,640							11,049				11,049
UNACCOUNTED-FOR WATER:												2,042				2,042
TOTAL DEMAND:												13,092				13,092

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Horseshoe Bar/ Penryn CP

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	1,309															
5. Medium-High Density Residential	8				151	226		1.00				40				40
4. Medium Density Residential	7				97	350		1.00				40				40
3. Low Density Residential	25				93	504		1.00				55				55
2. Very Low Density Residential	22				39	655		1.00				30				30
1. Rural Residential	14,358				4,057	806		0.50		0.50		1,914		1,914		3,827
16. Community/Neighborhood Commercial/Office	11	0.85	9				3,284	1.00				36				36
9. Moderate-Intensity Office	3	0.85	3				9,017	1.00				29				29
10. Community/Neighborhood Retail	26	0.85	22				3,284	1.00				83				83
15. Public/Quasi-Public	272	0.85	231				2,729	1.00				739				739
13. Light Industrial	1	0.85	1				2,600	1.00				3				3
K. Open Space*	488	0.00	0				4,241	1.00				0				0
TOTAL:	16,531		8,919		4,437							2,969		1,914		4,883
UNACCOUNTED-FOR WATER:												549				549
TOTAL DEMAND:												3,518		1,914		5,432

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Land Use	Acres	Net Acreage Factor	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		
	133															
5. Medium-High Density Residential	28				545	226		1.00				144				144
4. Medium Density Residential	150				1,252	350		1.00				513				513
24C. Low Density Mixed Residential	18					417		1.00								
3. Low Density Residential	161				939	504		1.00				554				554
2. Very Low Density Residential	515				1,160	655		1.00				889				889
1. Rural Residential	0				0	806		1.00				0				0
16. Community/Neighborhood Commercial/Office	8	0.85	6				3,284	1.00				25				25
9. Moderate-Intensity Office	29	0.85	24				9,017	1.00				259				259
10. Community/Neighborhood Retail	95	0.85	81				3,284	1.00				310				310
15. Public/Quasi-Public	17	0.85	14				2,729	1.00				45				45
13. Light Industrial	20	0.85	17				2,600	1.00				52				52
I. Agriculture*	3	0.00	0				4,241	1.00				0				0
K. Open Space*	603	0.00	0				4,241	1.00				0				0
TOTAL:	1,778		657		3,896							2,791				2,791
UNACCOUNTED-FOR WATER:												516				516
TOTAL DEMAND:												3,307				3,307

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Lincoln, PCWA

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	770															
6. High Density Residential	0				183	127		1.00				27				27
5. Medium-High Density Residential	190				3,073	226		1.00				814				814
25C. Medium Density Mixed Residential C	4					306		1.00								
4. Medium Density Residential	400				2,548	350		1.00				1,044				1,044
24C. Low Density Mixed Residential	81					417		1.00								
3. Low Density Residential	1,020				5,979	504		1.00				3,527				3,527
2. Very Low Density Residential	2,436				5,700	655		1.00				4,370				4,370
1. Rural Residential	85				48	806		0.75		0.25		34		11		45
16. Community/Neighborhood Commercial/Office	35	0.85	30				3,284	0.90			0.10	102			11	113
16a. Community/Neighborhood Commercial/Office -	56	0.85	48				3,284	0.90			0.10	165			18	183
9. Moderate-Intensity Office	22	0.85	19				9,017	0.90			0.10	179			20	199
10. Community/Neighborhood Retail	129	0.85	110				3,284	0.90			0.10	379			42	421
15. Public/Quasi-Public	1,054	0.85	896				2,729	0.90			0.10	2,576			286	2,862
31. Suburban Center/Corridor	57					791	3,284	0.90			0.10					
32. Minor (Outer) Urban Center/Corridor	6					791	3,284	0.90			0.10					
13. Light Industrial	771	0.85	655				2,600	0.90			0.10	1,795			199	1,995
14. Heavy Industrial	276	0.85	235				2,600	0.90			0.10	642			71	714
I. Agriculture*	11	0.00	0				4,241									0
K. Open Space*	3,092	0.00	0				4,241	0.50			0.50	0			0	0
TOTAL:	10,495		4,492		17,531							15,654		11	649	16,314
UNACCOUNTED-FOR WATER:												2,893			13	2,907
TOTAL DEMAND:												18,547		11	662	19,221

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Future City of Lincoln, NID
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	149															
5. Medium-High Density Residential					1,131	226		1.00				299				299
25C. Medium Density Mixed Residential C	1					306		1.00								
4. Medium Density Residential	2				1,361	350		0.50		0.50		279		279		558
24C. Low Density Mixed Residential	2,332					417		1.00								
3. Low Density Residential	0				1,439	504		0.50		0.50		424		424		849
2. Very Low Density Residential	321				663	655		0.50		0.50		254		254		508
1. Rural Residential	1,287				307	806		0.50		0.50		145		145		290
16. Community/Neighborhood Commercial/Office	0	0.85	0				3,284	1.00				0				0
15. Public/Quasi-Public	24	0.85	21				2,729	1.00				66				66
31. Suburban Center/Corridor	42					791	3,284	1.00								
13. Light Industrial	330	0.85	280				2,600	1.00				853				853
I. Agriculture*	476	0.00	0				4,241									0
K. Open Space*	202	0.00	0				4,241	1.00				0				0
TOTAL:	5,166		1,267		4,901							2,321		1,102		3,423
UNACCOUNTED-FOR WATER:												429				429
TOTAL DEMAND:												2,750		1,102		3,852

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Future City of Lincoln, West

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	119															
6. High Density Residential					832	127		0.75	0.25			93	31			123
5. Medium-High Density Residential					6,842	226		0.75	0.25			1,359	453			1,812
25C. Medium Density Mixed Residential C	1,040					306		0.75	0.25							
4. Medium Density Residential	224				5,918	350		0.75	0.25			1,818	606			2,424
24C. Low Density Mixed Residential	5,265					417		0.75	0.25							
3. Low Density Residential	0				3,917	504		0.75	0.25			1,733	578			2,311
2. Very Low Density Residential	5				970	655		0.75	0.25			558	186			744
1. Rural Residential	431				107	806		0.75		0.25		76		25		101
15. Public/Quasi-Public	492	0.85	418				2,729	0.50			0.50	668			668	1,335
31. Suburban Center/Corridor	204					791	3,284	0.50			0.50					
R. Employment Focus Mixed Use Center/Corridor*	237					312	2,678	0.50			0.50					
12. Light Industrial - Office	129	0.85	110				2,600	0.50			0.50	167			167	334
13. Light Industrial	675	0.85	574				2,600	0.50			0.50	873			873	1,745
1. Agriculture*	2,088	0.00	0				4,241									0
31. Future Growth Area	1,663	0.85	1,414			812		0.50			0.50					
K. Open Space*	32	0.00	0				4,241	1.00				0				0
TOTAL:	12,607		2,912		18,586							7,344	1,853	25	1,708	10,930
UNACCOUNTED-FOR WATER:												1,357	343		35	1,735
TOTAL DEMAND:												8,701	2,196	25	1,742	12,665

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Town of Loomis
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	430															
6. High Density Residential					18	127		1.00				3				3
5. Medium-High Density Residential	41				585	226		1.00				155				155
4. Medium Density Residential	62				287	350		1.00				118				118
24C. Low Density Mixed Residential	5					417		1.00								
3. Low Density Residential	425				1,411	504		1.00				832				832
2. Very Low Density Residential	7				3	655		1.00				2				2
1. Rural Residential	3,109				1,249	806		0.25		0.75		295		884		1,178
16. Community/Neighborhood Commercial/Office	102	0.85	86				3,284	1.00				332				332
16a. Community/Neighborhood Commercial/Office -	48	0.85	40				3,284	1.00				156				156
9. Moderate-Intensity Office	32	0.85	27				9,017	1.00				285				285
10. Community/Neighborhood Retail	60	0.85	51				3,284	1.00				197				197
11. Regional Retail	6	0.85	5				3,284									20
18. Mixed Use Employment Focus	7				64	791	3,284	1.00				23				23
15. Public/Quasi-Public	183	0.85	156				2,729	1.00				498				498
31. Suburban Center/Corridor	30					791	3,284	1.00								
13. Light Industrial	112	0.85	95				2,600	1.00				289				289
14. Heavy Industrial	1	0.85	1				2,600									2
K. Open Space*	3	0.00	0				4,241	1.00				0				0
TOTAL:	4,662		2,658		3,617							3,184		884		4,067
UNACCOUNTED-FOR WATER:												588				588
TOTAL DEMAND:												3,772		884		4,656

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Newcastle/Ophir

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	45															
4. Medium Density Residential	2				6	318		1.00				2				2
24C. Low Density Mixed Residential	6					417		1.00								
3. Low Density Residential	0				1	431		1.00				0				0
2. Very Low Density Residential	0					592		1.00								
1. Rural Residential	877				174	621		0.25		0.75		32		95		126
16. Community/Neighborhood Commercial/Office	29	0.85	25				1,901	1.00				55				55
16a. Community/Neighborhood Commercial/Office -	5						1,901	1.00								
15. Public/Quasi-Public	70	0.85	59				2,274	1.00				158				158
13. Light Industrial	129	0.85	110				2,166	1.00				278				278
K. Open Space*	1	0.00	0				4,241	1.00				0				0
TOTAL:	1,163		721		181							525		95		619
UNACCOUNTED-FOR WATER:												97				97
TOTAL DEMAND:												621		95		716

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Newcastle/Ophir NID
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	118															
3. Low Density Residential	1				6	431		1.00				3				3
1. Rural Residential	3,984				893	621		0.25		0.75		162		487		649
16. Community/Neighborhood Commercial/Office	4	0.85	3				1,901	1.00				8				8
16a. Community/Neighborhood Commercial/Office -	6						1,901	1.00								
15. Public/Quasi-Public	2	0.85	2				2,274	1.00				5				5
13. Light Industrial	0	0.85	0				2,166	1.00				0				0
I. Agriculture*	209	0.00	0				4,241									0
K. Open Space*	3	0.00	0				4,241	1.00				0				0
TOTAL:	4,328		2,397		899							178		487		665
UNACCOUNTED-FOR WATER:												33				33
TOTAL DEMAND:												211		487		698

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

NID Service Area

Scenario 3

Land Use	Acres	Net Acreage Factor	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															
5. Medium-High Density Residential					2,907	226		1.00				770				770
25C. Medium Density Mixed Residential C	3					306		1.00								
4. Medium Density Residential	8				2,709	350		1.00				1,110				1,110
24C. Low Density Mixed Residential	2,722					417		1.00								
3. Low Density Residential	2				2,769	504		1.00				1,633				1,633
2. Very Low Density Residential	84				855	655		1.00				655				655
1. Rural Residential	9,162				1,562	806		0.10		0.90		147		1,326		1,474
15. Public/Quasi-Public	19	0.85	16				2,729	1.00				51				51
31. Suburban Center/Corridor	136					791	3,284	1.00								
13. Light Industrial	1	0.85	1				2,600	1.00				3				3
1. Agriculture*	41,785	0.00	0				4,241									0
K. Open Space*	535	0.00	0				4,241	1.00				0				0
TOTAL:	55,225		5,570		10,802							4,370		1,326		5,696
UNACCOUNTED-FOR WATER:												808				808
TOTAL DEMAND:												5,178		1,326		6,504

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

PCWA Zone 5, North
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	185															
24C. Low Density Mixed Residential	6					417		1.00								
3. Low Density Residential	0				1	504		1.00				0				0
1. Rural Residential	384				31	806				1.00				29		29
15. Public/Quasi-Public	1	0.85	1				2,729	1.00				2				2
13. Light Industrial	83	0.85	71				2,600	1.00				215				215
I. Agriculture*	10,873	0.00	0				4,241									0
31. Future Growth Area	175	0.85	148			812		1.00								
K. Open Space*	1	0.00	0				4,241	1.00				0				0
TOTAL:	11,708		450		32							218		29		247
UNACCOUNTED-FOR WATER:												40				40
TOTAL DEMAND:												258		29		288

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

PCWA Zone 5, South

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	117															
6. High Density Residential					18	127		1.00				3				3
5. Medium-High Density Residential	133				2,676	226		1.00				709				709
25C. Medium Density Mixed Residential C	182					306		1.00								
4. Medium Density Residential					1,283	350		1.00				526				526
24C. Low Density Mixed Residential	629					417		1.00								
3. Low Density Residential					769	504		1.00				454				454
2. Very Low Density Residential					186	655		1.00				143				143
1. Rural Residential	385				124	806				1.00				117		117
15. Public/Quasi-Public	147	0.85	125				2,729	1.00				399				399
I. Agriculture*	6,511	0.00	0				4,241									0
31. Future Growth Area	590	0.85	501			812		1.00								
K. Open Space*	1,443	0.00	0				4,241				1.00				0	0
TOTAL:	10,136		937		5,056							2,232		117	0	2,349
UNACCOUNTED-FOR WATER:												413			0	413
TOTAL DEMAND:												2,644		117	0	2,761

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Rocklin

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	1,138															
6. High Density Residential					282	127		1.00				42				42
5. Medium-High Density Residential	344				5,401	226		1.00				1,430				1,430
4. Medium Density Residential	221				1,491	350		1.00				611				611
24C. Low Density Mixed Residential	8					417		1.00								
3. Low Density Residential	3,424				14,095	504		1.00				8,315				8,315
2. Very Low Density Residential	1,440				1,755	655		1.00				1,345				1,345
1. Rural Residential	82				36	806		0.75		0.25		25		8		34
16. Community/Neighborhood Commercial/Office	353	0.85	300				3,284	1.00				1,153				1,153
16a. Community/Neighborhood Commercial/Office -	181	0.85	154				3,284	1.00				592				592
9. Moderate-Intensity Office	178	0.85	151				9,017	1.00				1,597				1,597
10. Community/Neighborhood Retail	328	0.85	279				3,284	1.00				1,073				1,073
11. Regional Retail	9	0.85	8				3,284	1.00				30				30
15. Public/Quasi-Public	409	0.85	348				2,729	1.00				1,111				1,111
32. Minor (Outer) Urban Center/Corridor	19					791	3,284	1.00								
13. Light Industrial	268	0.85	228				2,600	1.00				694				694
14. Heavy Industrial	113	0.85	96				2,600	1.00				293				293
Additional Urban Reserve	0	0.85	0			812		1.00								
K. Open Space*	1,632	0.00	0				4,241	1.00				0				0
TOTAL:	10,149		4,910		23,060							18,311		8		18,319
UNACCOUNTED-FOR WATER:												3,384				3,384
TOTAL DEMAND:												21,695		8		21,704

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Rocklin (Whitney Ranch)

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	57															
6. High Density Residential	65				1,012	127		1.00				150				150
5. Medium-High Density Residential	8				159	226		1.00				42				42
3. Low Density Residential	853				2,977	504		1.00				1,756				1,756
2. Very Low Density Residential	1				2	655		1.00				2				2
16. Community/Neighborhood Commercial/Office	79	0.85	67				3,284	1.00				257				257
16a. Community/Neighborhood Commercial/Office -	89	0.85	76				3,284	1.00				290				290
9. Moderate-Intensity Office	11	0.85	9				9,017	1.00				96				96
15. Public/Quasi-Public	97	0.85	82				2,729	1.00				264				264
K. Open Space*	295	0.00	0				4,241	1.00				0				0
TOTAL:	1,555		798		4,150							2,857				2,857
UNACCOUNTED-FOR WATER:												528				528
TOTAL DEMAND:												3,385				3,385

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Land Use	Acres	Net Acreage Factor	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		
	3,343															
6. High Density Residential	3				753	127		1.00				112				112
5. Medium-High Density Residential	710				12,213	226		1.00				3,234				3,234
25C. Medium Density Mixed Residential C	6					306		1.00								
4. Medium Density Residential	575				4,203	350		1.00				1,722				1,722
24C. Low Density Mixed Residential	20					417		1.00								
3. Low Density Residential	6,000				30,867	504		1.00				18,209				18,209
2. Very Low Density Residential	4				76	655		1.00				58				58
1. Rural Residential	2				1	806		1.00				1				1
16. Community/Neighborhood Commercial/Office	657	0.85	558				3,284	0.90			0.10	1,930			214	2,145
16a. Community/Neighborhood Commercial/Office -	438	0.85	373				3,284	0.90			0.10	1,289			143	1,432
9. Moderate-Intensity Office	460	0.85	391				9,017	0.90			0.10	3,717			413	4,130
8. High-Intensity Office	25	0.85	21				14,999	0.90			0.10	338			38	376
10. Community/Neighborhood Retail	273	0.85	232				3,284	0.90			0.10	801			89	890
17. Regional Commercial/Office	123	0.85	105				3,284	0.90			0.10	362			40	402
11. Regional Retail	150	0.85	128				3,284	0.90			0.10	442			49	492
18. Mixed Use Employment Focus	6				49		3,284	1.00				19				19
15. Public/Quasi-Public	1,271	0.85	1,080				2,729	0.90			0.10	3,105			345	3,450
31. Suburban Center/Corridor	96					791	3,284	1.00								
32. Minor (Outer) Urban Center/Corridor	18					791	3,284	1.00								
12. Light Industrial - Office	81	0.85	69				2,600	0.90			0.10	189			21	210
13. Light Industrial	1,554	0.85	1,321				2,600	0.90			0.10	3,618			402	4,020
14. Heavy Industrial	314	0.85	267				2,600	0.90			0.10	731			81	813
33. New Area MF	16	0.60	9			312		1.00								
Additional Urban Reserve	48					812		1.00								
K. Open Space*	2,974	0.00	0				4,241	1.00				0				0

TOTAL:	19,167		9,019		48,162							39,878			1,836	41,714
UNACCOUNTED-FOR WATER:												798			37	835
TOTAL DEMAND:												40,676			1,873	42,549

1. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Roseville, PCWA
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	48															
5. Medium-High Density Residential	13				238	226		1.00				63				63
24C. Low Density Mixed Residential	0					417		1.00								
3. Low Density Residential	226				765	504		1.00				451				451
2. Very Low Density Residential	0				0	655		1.00				0				0
1. Rural Residential	0				0	806		1.00				0				0
15. Public/Quasi-Public	17	0.85	14				2,729	0.90			0.10	42			5	46
K. Open Space*	98	0.60	59				4,241	1.00				279				279
TOTAL:	402		218		1,003							835			5	839
UNACCOUNTED-FOR WATER:												154			0	154
TOTAL DEMAND:												989			5	994

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Roseville, SJWD
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	71															
24C. Low Density Mixed Residential	6					417		1.00								
3. Low Density Residential	192				984	504		1.00				580				580
2. Very Low Density Residential	6				23	655		1.00				18				18
1. Rural Residential	15				0	806		1.00				0				0
16a. Community/Neighborhood Commercial/Office -	13	0.85	11				3,284	0.90			0.10	38			4	42
K. Open Space*	95	0.40	38				4,241	1.00				180				180
TOTAL:	396		179		1,007							816			4	820
UNACCOUNTED-FOR WATER:												151			0	151
TOTAL DEMAND:												967			4	971

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

City of Roseville, West

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	120															
6. High Density Residential					1,580	127		1.00				235				235
5. Medium-High Density Residential	41				5,820	226		1.00				1,541				1,541
25C. Medium Density Mixed Residential C	1,089					306		1.00								
4. Medium Density Residential	463				6,167	350		1.00				2,526				2,526
24C. Low Density Mixed Residential	346					417		1.00								
3. Low Density Residential	1,413				5,821	504		1.00				3,434				3,434
2. Very Low Density Residential					114	655		1.00				87				87
1. Rural Residential	40				0	806		1.00				0				0
16. Community/Neighborhood Commercial/Office	6	0.85	5				3,284	0.75			0.25	14			5	18
16a. Community/Neighborhood Commercial/Office -	15	0.85	13				3,284	0.75			0.25	37			12	49
15. Public/Quasi-Public	335	0.85	285				2,729	0.75			0.25	682			227	909
31. Suburban Center/Corridor	122					791	3,284	0.75			0.25					
32. Minor (Outer) Urban Center/Corridor	157					791	3,284	0.75			0.25					
12. Light Industrial - Office	23	0.85	20				2,600	1.00				60				60
13. Light Industrial	128	0.85	109				2,600	0.75			0.25	249			83	332
I. Agriculture*	169	1.00	169				4,241									803
31. Future Growth Area	0					812		0.75			0.25					
K. Open Space*	1,016	0.00	0				4,241				1.00				0	0
TOTAL:	5,482		1,778		19,502							8,864			327	9,191
UNACCOUNTED-FOR WATER:												177			7	184
TOTAL DEMAND:												9,041			334	9,375

1. Unaccounted-for water is assumed to be 2% of demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Sheridan CP
Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	95															
25C. Medium Density Mixed Residential C	21					306			1.00							
4. Medium Density Residential	20				160	350			1.00				66			66
24C. Low Density Mixed Residential	27					417			1.00							
3. Low Density Residential	45				182	504			1.00				107			107
1. Rural Residential	1,348				131	806				1.00				124		124
16. Community/Neighborhood Commercial/Office	3	0.85	2				3,284		1.00				9			9
16a. Community/Neighborhood Commercial/Office -	3						3,284		1.00							
9. Moderate-Intensity Office	0	0.85	0				9,017		1.00				2			2
10. Community/Neighborhood Retail	1	0.85	1				3,284		1.00				3			3
15. Public/Quasi-Public	39	0.85	33				2,729		1.00				105			105
13. Light Industrial	51	0.85	44				2,600		1.00				133			133
I. Agriculture*	170	0.00	0				4,241			0.50				0		0
TOTAL:	1,825		928		473								425	124		548
UNACCOUNTED-FOR WATER:													79			79
TOTAL DEMAND:													503	124		627

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Sierra Community College

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	16															
6. High Density Residential					9	127		1.00				1				1
5. Medium-High Density Residential	1				5	226		1.00				1				1
4. Medium Density Residential	0				0	350		1.00				0				0
24C. Low Density Mixed Residential	8					417		1.00								
3. Low Density Residential	0				1	504		1.00				1				1
2. Very Low Density Residential	0				0	655		1.00				0				0
1. Rural Residential	58				0	806		0.50		0.50		0		0		0
16. Community/Neighborhood Commercial/Office	55	0.85	47				3,284	1.00				180				180
10. Community/Neighborhood Retail	13	0.85	11				3,284	1.00				41				41
15. Public/Quasi-Public	95	0.85	81				2,729	1.00				258				258
K. Open Space*	105	0.00	0				4,241									0
TOTAL:	351		174		15							482		0		482
UNACCOUNTED-FOR WATER:												89				89
TOTAL DEMAND:												572		0		572

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

South Sutter Water District North

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	63															
15. Public/Quasi-Public	3	0.85	3				2,729	1.00				9				9
I. Agriculture*	3,584	0.00	0				4,241									0
TOTAL:	3,650		3									9				9
UNACCOUNTED-FOR WATER:												2				2
TOTAL DEMAND:												10				10

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

South Sutter Water District South

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	139															
5. Medium-High Density Residential					26	226		1.00				7				7
4. Medium Density Residential					32	350		1.00				13				13
24C. Low Density Mixed Residential	70					417		1.00								
3. Low Density Residential					33	504		1.00				19				19
2. Very Low Density Residential					8	655		1.00				6				6
1. Rural Residential	73				7	806		0.50		0.50		3		3		7
I. Agriculture*	15,241	0.00	0				4,241									0
31. Future Growth Area	8					812		1.00								
TOTAL:	15,531		44		106							49		3		52
UNACCOUNTED-FOR WATER:												9				9
TOTAL DEMAND:												58		3		61

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Sunset Industrial Area (Zone 1)

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	249															
6. High Density Residential					170	127		1.00				25				25
5. Medium-High Density Residential	166				3,946	226		1.00				1,045				1,045
4. Medium Density Residential	43				423	350		1.00				173				173
3. Low Density Residential	9				13	504		1.00				8				8
16. Community/Neighborhood Commercial/Office	38	0.85	32				3,284	0.80			0.20	99			25	123
16a. Community/Neighborhood Commercial/Office -	63	0.85	54				3,284	0.80			0.20	165			41	206
9. Moderate-Intensity Office	173	0.85	147				9,017	0.80			0.20	1,244			311	1,556
11. Regional Retail	10						3,284	0.80			0.20					
15. Public/Quasi-Public	195	0.85	166				2,729	0.80			0.20	423			106	529
31. Suburban Center/Corridor	283					791	3,284	0.80			0.20					
12. Light Industrial - Office	927	0.85	788				2,600	0.80			0.20	1,918			480	2,398
13. Light Industrial	2,175	0.85	1,848				2,600	0.80			0.20	4,500			1,125	5,625
14. Heavy Industrial	49	0.85	42				2,600	0.80			0.20	102			25	127
I. Agriculture*	69	0.00	0				4,241									0
K. Open Space*	174	1.00	174				4,241	0.50			0.50	414			414	828
TOTAL:	4,623		3,404		4,552							10,116			2,527	12,642
UNACCOUNTED-FOR WATER:												1,870			52	1,921
TOTAL DEMAND:												11,986			2,578	14,564

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Sunset Industrial Area (Zone 5)

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	59															
6. High Density Residential	5				38	127		1.00				6				6
5. Medium-High Density Residential	69				723	226		1.00				191				191
25C. Medium Density Mixed Residential C	0					306		1.00								
4. Medium Density Residential					15	350		1.00				6				6
24C. Low Density Mixed Residential	484					417		0.80			0.20					
3. Low Density Residential	0				16	504		1.00				9				9
2. Very Low Density Residential					4	655		1.00				3				3
11. Regional Retail	13	0.85	11				3,284	0.80			0.20	35			9	44
15. Public/Quasi-Public	762	0.85	648				2,729	0.80			0.20	1,656			414	2,070
13. Light Industrial	269	0.85	228				2,600	0.80			0.20	556			139	695
14. Heavy Industrial	2	0.85	2				2,600	0.80			0.20	5			1	6
I. Agriculture*	1,378	0.00	0				4,241									0
K. Open Space*	1,313	0.00	0				4,241	0.50			0.50	0			0	0
TOTAL:	4,355		942		796							2,468			563	3,031
UNACCOUNTED-FOR WATER:												456			11	468
TOTAL DEMAND:												2,924			574	3,498

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.
2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.
3. Normalization factor of 1.045 is included in the "AF/Year" columns.

Unicorporated Area - A

Scenario 3

Land Use	Acres	Net Acreage Factor	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		
	5															
24C. Low Density Mixed Residential	22					417		1.00								
3. Low Density Residential	71				174	504		1.00				103				103
2. Very Low Density Residential	3				4	655		1.00				3				3
1. Rural Residential	0				0	806		0.50		0.50		0		0		0
K. Open Space*	2	1.00	2				4,241	1.00				8				8
TOTAL:	103		59		178							114		0		114
UNACCOUNTED-FOR WATER:												21				21
TOTAL DEMAND:												135		0		135

1. Unaccounted-for water is assumed to be 15.6% of total demand for treated water and agency provided groundwater.

2. Unaccounted-for water is assumed to be 2% of total demand for re-claimed water.

3. Normalization factor of 1.045 is included in the "AF/Year" columns.