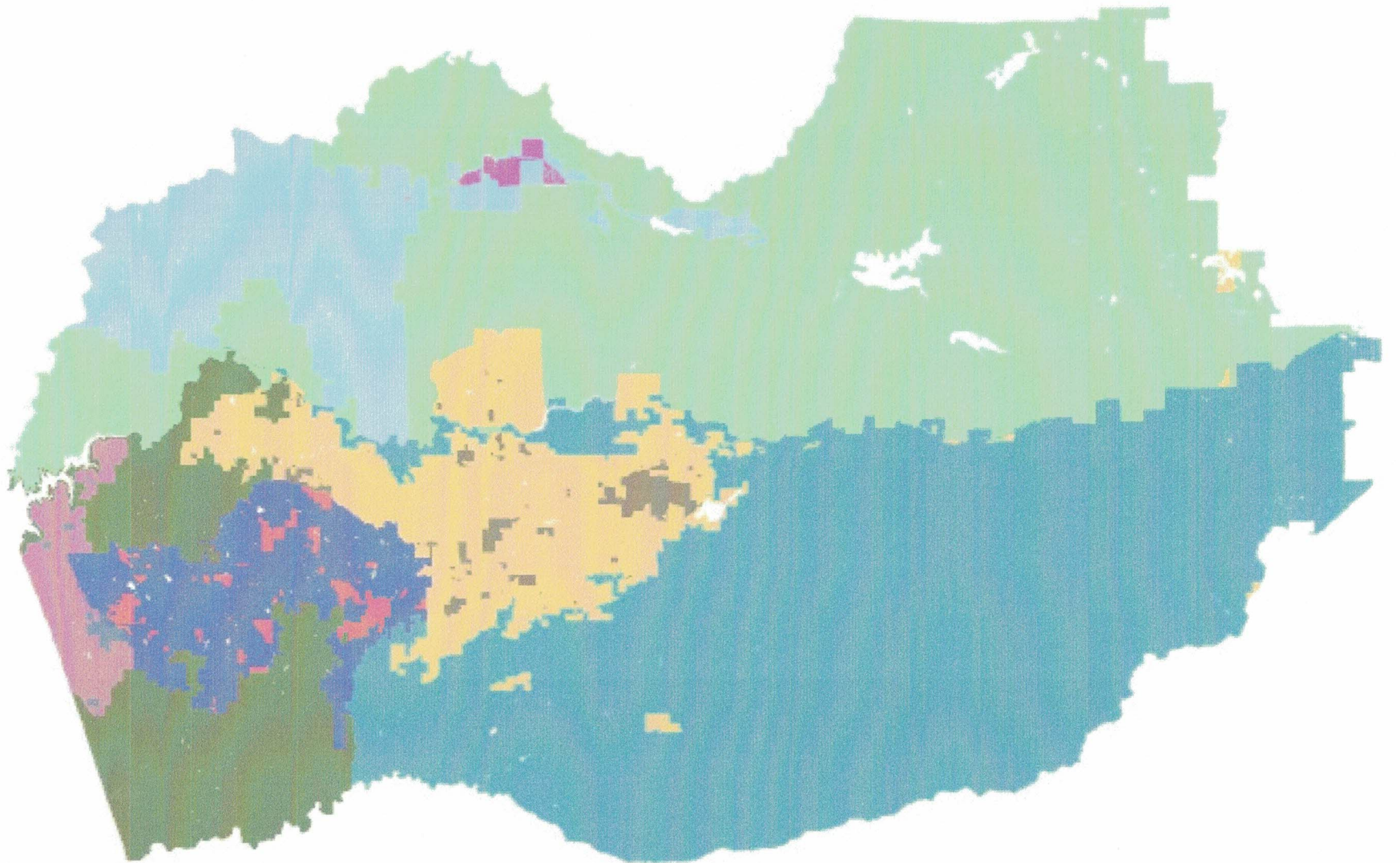













PARCEL DATA GIS ANALYSIS

Land Use and Water Demand Forecast Water Demand Areas

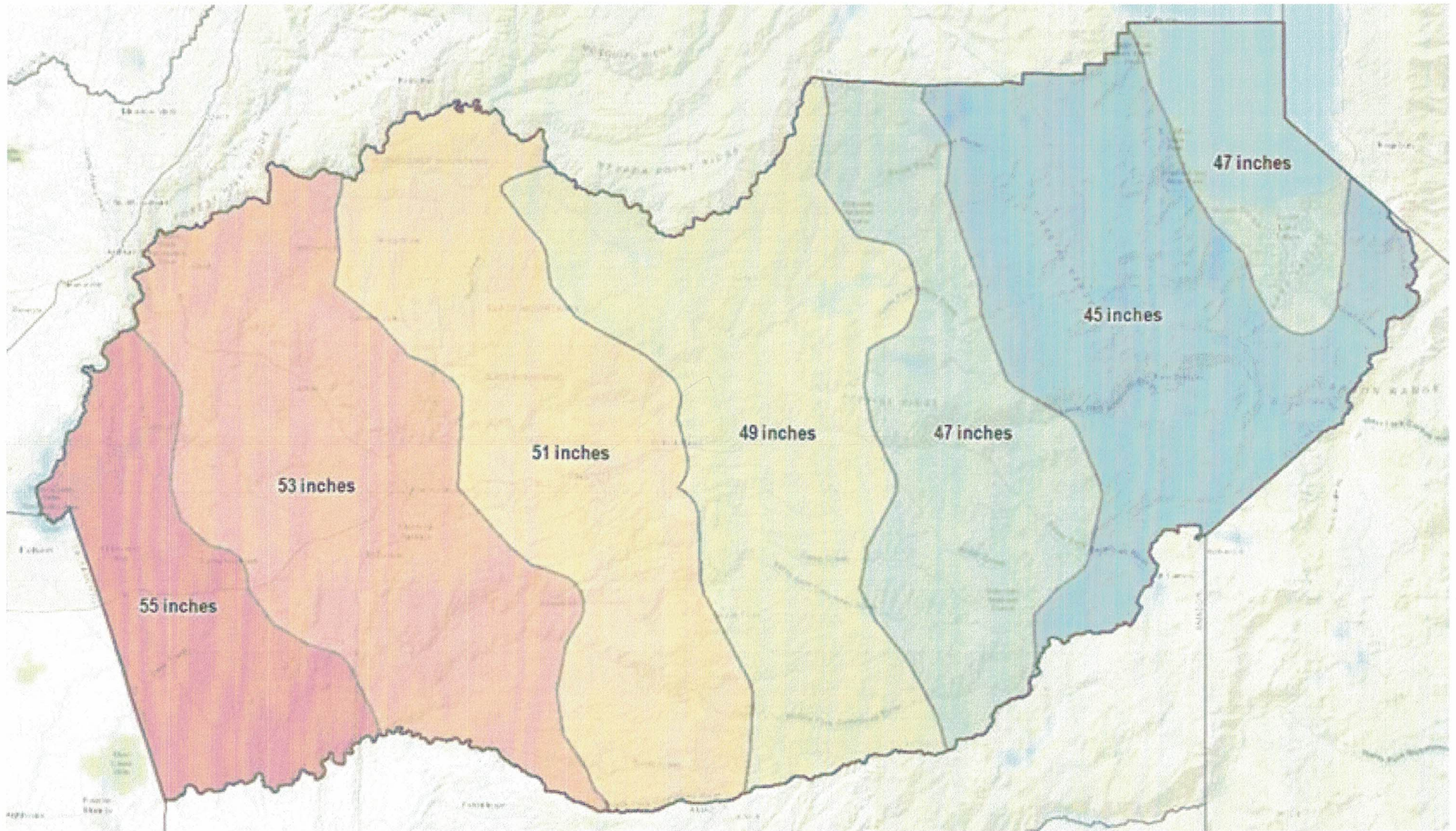
Water Demand Areas	Description
GDPUD	GDPUD Service Area
EID-EDH	EID El Dorado Hills water supply region
EID-WEST	EID Western water supply region
EID-EAST	EID Eastern water supply region (with Placerville subset)
OCA - GDPUD Infill	Infill OCA within the GDPUD sphere of influence
OCA - EID_EDH Infill	Infill OCA within the EID El Dorado Hills water supply region
OCA - EID_WEST Infill	Infill OCA within the EID Western water supply region
OCA - EID_EAST Infill	Infill OCA within the EID Eastern water supply
OCA - NORTH	OCA north of the South Fork American River (SFAR)
OCA - SOUTH EAST	OCA south SFA, east of HWY 49
OCA - SOUTH WEST	OCA south SFA, west of HWY 49



- | | |
|--|---|
|  GDPUD |  OCA - GDPUD (INFILL) |
|  EID_EAST |  OCA - EID EAST (INFILL) |
|  EID_WEST |  OCA - EID WEST (INFILL) |
|  EID_EDH |  OCA - EID EDH (INFILL) |
|  OCA_SOUTH WEST | |
|  OCA_SOUTH EAST | |
|  OCA_NORTH | |

Water Demand Areas





LAND USE ASSUMPTIONS

Land Use Density

Land Use Designation	Maximum Density Residential = units/acre Non-Residential = building area/acre (FAR)	Minimum Parcel Size
Residential		
Multi-Family Residential (slope < 25%)	24	n/a
Multi-Family Residential (slope >25%)	5	n/a
High Density Residential (slope< 25%)	5	0.20
High Density Residential (slope>25%)	1	1
Medium Family Residential	1	1
Low Density Residential	0.2	5
Low Density Residential w/Ag District Overlay	0.05	20
Rural Residential	0.1	10
Rural Residential w/Ag District Overlay	0.05	20
Agricultural Lands	0.1	10
Natural Resource	0.025	40
Natural Resource with Timber Preserve Zone	0.00625	160
Non- residential		
Commercial	0.2	n/a
Research and Development	0.3	n/a
Industrial	0.2	n/a
Public Facility	0.2	n/a
Tourist Recreation		
Open Space		

Notes:

- 1.Approved Plan lands are reassigned using cross reference from primary use to land use designation (see Planning Zone Delineation TM)
- 2.Agricultural Lands allow a maximum allowable density is 0.05 units/acre, however 2 dwelling units are allow to support agricultural operations, therefore the density is adjusted to reflect 2 units per 20 acres

Employment Density

Land Use Designation	Building Area /Employee (sq.ft.)
Commercial	400
Research and Development	330
Industrial	600
Public Facility	500

Notes:

- 1.Building area per employee is from EPS El Dorado County Land Use Forecasts for Draft General Plan, March 5, 2002.

Population

Capita per household	2.5
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SAMPLE PARCEL CHARACTERIZATION

Single Family Residential Sample Summary

Parcel use distribution, developed area and adjusted developed areas for MAWA Calculation

Land Use Designation	Maximum Density	Parcel Area		Parcel Use Distribution				Developed Area (capped as noted)				
				Building Area	Hardscape Area	Irrigable-irrigated Area	Irrigable -not irrigated Area	Developed Area	Allowance	Adjusted Developed Area		Adjusted Irrigable-Irrigated Area
				(sq.ft.)	(sq.ft.)	(sq.ft.)	(sq.ft.)	(sq.ft.)	(sq.ft.)	(sq.ft.)	(sq.ft.)	(acres)
HDR (single unit)	5	8,712	0.2	2,517	1,350	1,504	3,340	5,372	3,340	8,712	0.20	4,845
HDR (slope constrained)	1	43,560	1	4,859	3,517	2,285	32,900	10,660	2,500	13,160	0.30	4,785
MDR	1	43,560	1.0	4,859	3,517	2,285	32,900	10,660	2,500	13,160	0.30	4,785
LDR	0.2	217,800	5.0	6,451	14,948	4,936	191,465	26,335	2,500	28,835	0.66	7,436
RR	0.1	435,600	10.0	6,451	14,948	4,936	409,265	26,335	2,500	28,835	0.66	7,436
LDR/RR Ag District Overlay	0.05	871,200	20.0	6,451	14,948	4,936	844,865	26,335	2,500	28,835	0.66	7,436
AL	0.1	435,600	20.0	6,451	14,948	4,936	409,265	26,335	2,500	28,835	0.66	7,436
NR	0.025	1,742,400	40.0	6,451	14,948	4,936	1,716,065	26,335	2,500	28,835	0.66	7,436
NR/TPZ	0.00625	6,969,600	160.0	6,451	14,948	4,936	6,943,265	26,335	2,500	28,835	0.66	7,436

Notes:

1. MDR and LDR "Parcel Use Distribution" is sample average. For RR and Ag. District Overlay, AL, NR and NR/TPZ which were not sampled, the LDR "Parcel Use Distribution" is adopted .
2. Due to heavy tree cover limiting sample inspection, for HDR the entire parcel is assumed to be developed. For MDR, LDR, RR, LDR/RR Ag District Overlay, AL,NR and NR/TPZ the Developed Area is increased by 2500 sq. ft. to allow for inspection errors due to tree cover and area for vegetable garden/orchard typical of larger parcels.
4. HDR (slope constrained) maximum density to 1 unit/acre, so MDR (also 1 unit/acre) sample average is adopted .
5. Developed Area includes all disturbed areas including, buildings, hardscape and irrigated areas. Irrigable - not irrigated area is not included)
6. AL maximum allowable density is 0.05 units/acre, however 2 dwelling units are allow to support agricultural operations, therefore density is adjusted to reflect 2 units per 20 acres

Multi-family Residential Sample Summary
 Parcel use distribution for MAWA Calculation

Land Use Designation	Density		Parcel Area		Parcel Use Distribution			
	(unit/acre)	(sq.ft.)	(acres)	Building Area	Hardscape Area	Irrigable-irrigated Area	Irrigable - not irrigated	
				(sq. ft.)	(sq. ft.)	(sq. ft.)	(sq. ft.)	
MFR	24	43,560	1.0	16,207	12,272	4,373	10,708	
MFR (slope constrained)	5	43,560	1.0	9,261	5,691	3,003	25,606	

CII Sample Summary
 Parcel use distribution and ratios for MAWA calculation

Land Use Designation	Floor Area Ratio	Average Parcel Area	Parcel Use Distribution (average)				Ratios			
			Building Footprint	Hardscape Area	Irrigable - Irrigated Area	Irrigable - not irrigated Area	Building / Parcel Area (FAR)	Hardscape/ Parcel Area	Irrigable - irrigated/ Building Area	Irrigable - irrigated Area/ Building Area
			(sq. ft.)	(sq. ft.)	(sq. ft.)	(sq. ft.)				
C		70,138	11,093	40,602	11,892	6,550	0.16	3.66	1.07	1.07
R&D		117,075	20,094	45,354	12,961	38,666	0.17	2.26	0.65	0.65
I		48,080	10,678	19,990	4,239	13,174	0.22	1.87	0.40	0.40
PF		670,190	85,385	227,230	166,542	191,033	0.13	2.66	1.95	1.95

Multi-Family Residential
Land Use Characterization Sample

Assessors Parcel Number	LUDES	Parcel size (sq.ft.)	Parcel Use Distribution				Development Characteristic				
			Building (sq.ft.)	Hardscape (sq.ft.)	Irrigable - irrigated (sq.ft.)	Irrigable - not Irrigated (sq.ft.)	Stories	Units	Units/ acre	Unit Size	Building Type
8240117	MFR	139,302	49087.89	33417.9	14381.23	42415	2	64	20	1,534	Apartments
8240107	MFR	33,548	9914.39	11913.47	2560.16	9160	2	25	32	793	Apartments
8240104	MFR	23,588	9616.77	6792.44	2422.34	4756	2	12	22	1,603	Apartments
8240103	MFR	19,273	7013.71	5146.79	1042.73	6069	2	11	25	1,275	Apartments
8240101	MFR	86,142	27027.56	15043.43	12052.01	32019	2	38	19	1,423	Apartments
8240116	MFR	44,733	14428.41	13104.72	4237.62	12962	2	20	19	1,443	Apartments
12028001	MFR	635,133	37,659	169,882	34,198	393,394	3	160	11	706	Apartments
12005004	MFR	203,904	37,849	52,411	21,492	84,089	2	56	12	1,352	Apartments
12064001	MFR	3,356	2,412	464	475	-	1	1	13	2,412	Townhome
12064002	MFR	3,377	2,412	494	450	-	1	1	13	2,412	Townhome
12525114	MFR	11,826	3,564	1,860	2,030	4,372	1	2	7	1,782	Duplex
12525115	MFR	11,284	3,340	2,127	1,880	3,937	1	2	8	1,670	Duplex
12525113	MFR	10,663	3,499	2,380	350	4,434	1	2	8	1,750	Duplex
12525112	MFR	10,036	4,414	2,739	544	2,339	1	2	9	2,207	Duplex
12525111	MFR	11,013	3,057	2,432	1,467	4,057	2	2	8	1,529	Duplex
12525110	MFR	10,930	2,997	2,530	1,990	3,413	2	2	8	1,499	Duplex
Total		1,258,107	218,292	322,738	101,572	607,417					
Average		78,632	13,643	20,171	6,348	37,964					
Minimum		3,356	2,412	464	350	-					
Maximum		635,133	49,088	169,882	34,198	393,394					

Notes

1. Carport square footage is included in building area.
2. Unit size includes a proportionate share of ancillary buildings.

Single Family Residential
Land Use Characterization Sample

Assessors Parcel Number	LUDES	Zoning	Parcel size (sq.ft.)	Parcel Use Distribution			
				Building (sq.ft.)	Hardscape (sq.ft.)	Irrigable - irrigated (sq.ft.)	Irrigable - not irrigated (sq.ft.)
12519222	HDR	R6000	9,507	2,000	1,512	895	5,100
12507131	HDR	R6000	11,467	3,027	1,832	2,218	4,390
12519105	HDR	R6000	11,340	3,100	860	960	6,420
12516128	HDR	R6000	15,503	2,800	1,300	745	10,658
12517202	HDR	R6000	13,757	2,596	1,600	100	9,461
12516221	HDR	R6000	9,556	2,000	1,024	1,676	4,856
12516206	HDR	R6000	11,916	1,750	1,290	1,250	7,626
12532003	HDR	R6000	16,251	2,800	2,475	4,900	6,076
12515101	HDR	R6000	13,633	2,700	700	1,200	9,033
12515106	HDR	R6000	9,515	2,400	906	1,100	5,109
Total			122,445	25,173	13,499	15,044	68,729
Average			12,244	2,517	1,350	1,504	6,873
Minimum			9,507	1,750	700	100	4,390
Maximum			16,251	3,100	2,475	4,900	10,658
12639015	HDR	R20000	26,094	4,145	3,140	3,794	15,015
12638020	HDR	R20000	22,043	5,100	3,250	2,500	11,193
12644032	HDR	R20000	22,515	4,175	5,710	1,886	10,744
12643105	HDR	R20000	29,829	4,141	2,978	3,373	19,337
12640016	HDR	R20000	21,957	4,279	4,495	4,764	8,419
12643308	HDR	R20000	23,598	4,398	4,721	2,631	11,848
12646004	HDR	R20000	28,879	3,990	6,021	4,086	14,782
12642111	HDR	R20000	24,663	4,374	1,975	2,556	15,758
12642307	HDR	R20000	25,854	3,418	2,412	1,885	18,139
12635011	HDR	R20000	40,593	4,146	3,428	1,494	31,525
Total			266,025	42,166	38,130	28,969	156,760
Average			26,603	4,217	3,813	2,897	15,676
Minimum			21,957	3,418	1,975	1,494	8,419
Maximum			40,593	5,100	6,021	4,764	31,525

Assessors Parcel Number	LUDES	Zoning	Parcel size (sq.ft.)	Parcel Use Distribution			
				Building (sq.ft.)	Hardscape (sq.ft.)	Irrigable - irrigated (sq.ft.)	Irrigable - not irrigated (sq.ft.)
12402028	MDR	R1A	47,512	5,428	3,237	1,231	37,616
12403103	MDR	R1A	50,123	3,881	3,281	2,772	40,189
12402020	MDR	R1A	46,445	3,890	3,089	1,824	37,642
12402018	MDR	R1A	65,116	5,836	4,599	3,712	50,969
12404011	MDR	R1A	43,588	3,885	1,285	1,361	37,057
43610.7373	MDR	R1A	43,611	5,271	2,659	2,896	32,785
12403201	MDR	R1A	43,720	5,399	3,402	1,887	33,032
12403204	MDR	R1A	44,152	4,610	2,520	815	36,207
12404007	MDR	R1A	60,438	3,778	7,344	3,599	45,717
12403113	MDR	R1A	49,156	6,608	3,750	2,754	36,044
Total			493,861	48,586	35,166	22,851	387,258
Average			49,386	4,859	3,517	2,285	38,726
Minimum			43,588	3,778	1,285	815	32,785
Maximum			65,116	6,608	7,344	3,712	50,969
10915129	LDR	RE5	218,282	7,612	3,162	8,494	199,014
10925036	LDR	RE5	219,984	2,386	9,229	3,013	205,356
10916104	LDR	RE5	223,224	6,944	32,407	9,833	174,040
10916126	LDR	RE5	219,797	5,169	11,609	8,343	194,676
10928019	LDR	RE5	254,963	8,407	10,664	4,027	231,865
10919124	LDR	RE5	224,668	5,757	9,290	2,684	206,937
10919126	LDR	RE5	252,304	8,152	14,734	3,421	225,997
10918112	LDR	RE5	234,323	6,769	10,491	4,371	212,692
12615012	LDR	RE5	221,791	2,435	6,153	837	212,366
12609154	LDR	RE5	219,611	10,883	41,739	4,338	162,651
Total			2,288,947	64,514	149,478	49,361	2,025,594
Average			228,895	6,451	14,948	4,936	202,559
Minimum			218,282	2,386	3,162	837	162,651
Maximum			254,963	10,883	41,739	9,833	231,865

Notes:

1. Building area includes living area and garages.
2. Unimproved area includes entire parcel less building structures.

Commercial, Industrial, and Institutional
Land Use Characterization Sample

Assessors Parcel #	LUDES	Parcel Size (sq.ft.)	Parcel Use Distribution			
			Building (sq.ft.)	Hardscape (sq.ft.)	Irrigable - Irrigated (sq.ft.)	Irrigable - Not Irrigated (sq.ft.)
11706007	R&D	191,203	16,727	112,739	12,281	49,456
11706068	R&D	133,424	10,400	34,438	10,557	78,030
11710021	R&D	43,341	14,707	20,074	3,479	5,082
11706021	R&D	130,882	13,585	35,115	8,836	73,346
11706045	R&D	96,325	12,927	43,389	12,381	27,628
11706043	R&D	69,748	18,800	43,378	4,920	2,650
11706029	R&D	174,322	28,287	44,924	43,822	57,289
11706034	R&D	153,052	61,815	44,279	5,071	41,887
11708401	R&D	87,037	14,011	49,409	23,560	57
11708505	R&D	91,412	9,679	25,799	4,699	51,235
Total		1,170,748	200,938	453,544	129,606	386,660
Average		117,075	20,094	45,354	12,961	38,666
Minimum		43,341	9,679	20,074	3,479	57
Maximum		191,203	61,815	112,739	43,822	78,030
12118016	Comm	28,325	7,416	19,003	777	1,129
12117001	Comm	14,760	-	2,558	1,108	11,094
12117007	Comm	59,302	7,376	25,604	26,270	52
12118001	Comm	121,841	11,843	81,013	28,634	351
12118002	Comm	227,582	58,337	135,191	24,467	9,587
12118003	Comm	64,073	16,718	45,203	2,152	0
12118008	Comm	49,817	6,771	21,572	21,319	155
12118006	Comm	51,677	4,643	13,201	33,832	1
12118010	Comm	40,442	3,811	33,844	2,786	1
12118015	Comm	48,126	2,390	41,264	4,172	300
12118012	Comm	50,604	9,466	30,566	3,139	7,432
12118013	Comm	79,255	11,863	43,823	6,641	16,928
12117012	Comm	92,876	17,664	30,523	5,604	39,084
12117011	Comm	56,099	10,251	42,056	3,792	-
12117010	Comm	43,440	5,206	31,969	6,264	-
12117013	Comm	90,724	9,328	51,828	4,333	25,235
12117009	Comm	73,397	5,496	41,020	26,881	-
Total		1,192,341	188,579	690,238	202,171	111,349
Average		70,138	11,093	40,602	11,892	6,550
Minimum		14,760	-	2,558	777	-
Maximum		227,582	58,337	135,191	33,832	39,084

Commercial, Industrial, and Institutional
Land Use Characterization Sample

Assessors Parcel #	LUDES	Parcel Size (sq.ft.)	Parcel Use Distribution			
			Building (sq.ft.)	Hardscape (sq.ft.)	Irrigable - Irrigated (sq.ft.)	Irrigable - Not Irrigated (sq.ft.)
10940214	Industrial	93945	29437.42	31856.44	6442.59	26208
10940306	Industrial	73732	6762.87	43330.37	6249.33	17389
10942002	Industrial	31252	6640.99	10736.9	9117.41	4756
10942003	Industrial	27691	5292.85	11457.06	4770.32	6171
10942004	Industrial	54384	11610.38	24551.35	1451.5	16771
10942005	Industrial	40833	3010.39	21659.95	4512.81	11650
10942010	Industrial	27821	6658.88	11176.31	811.94	9174
10942016	Industrial	51881	15188.03	14843.12	2322.63	19527
10942018	Industrial	34121	8651.1	13001.87	3912.69	8555
10942023	Industrial	45141	13523.07	17284.17	2794.89	11539
Total		480,800	106,776	199,898	42,386	131,740
Average		48,080	10,678	19,990	4,239	13,174
Minimum		27,691	3,010	10,737	812	4,756
Maximum		93,945	29,437	43,330	9,117	26,208
7009001	Public Facilit	1,761,405	198,432	610,426	402,214	550,332
11001033	Public Facilit	621,312	57,185	226,570	127,821	209,736
11014007	Public Facilit	366,969	54,795	122,714	101,300	88,160
11919002	Public Facilit	417,726	58,178	102,256	104,579	152,712
12119022	Public Facilit	1,649,599	264,418	665,886	382,578	336,717
12121007	Public Facilit	1,005,351	101,239	267,260	266,359	370,495
12407049	Public Facilit	290,995	34,110	65,469	139,542	51,874
12407050	Public Facilit	148,951	18,938	85,496	35,178	9,339
12509001	Public Facilit	294,390	41,236	66,297	91,756	95,101
12509002	Public Facilit	145,202	25,318	59,927	14,091	45,866
Total		6,701,901	853,848	2,272,302	1,665,418	1,910,332
Average		670,190	85,385	227,230	166,542	191,033
Minimum		145,202	18,938	59,927	14,091	9,339
Maximum		1,761,405	264,418	665,886	402,214	550,332

WATER DEMAND ASSUMPTIONS

Irrigated Areas by Land Use Designation

Land Use Designation	Irrigated Area/Unit Residential = Irrigated Area/Dwelling Unit (sq.ft.) Non-Residential = Irrigated Area to Building Area ratio
Residential	
Multi-Family Residential (slope < 25%)	182
Multi-Family Residential (slope >25%)	601
High Density Residential (slope< 25%)	4845
High Density Residential (slope>25%)	4785
Medium Family Residential	4785
Low Density Residential	7436
Low Density Residential w/Ag District Overlay	7436
Rural Residential	7436
Rural Residential w/Ag District Overlay	7436
Agricultural Lands	7436
Natural Resource	7436
Natural Resource with Timber Preserve Zone	7436
Non- residential	
Commercial	1.07
Research and Development	0.65
Industrial	0.4
Public Facility	1.95
Other	
Tourist Recreation	
Open Space	

Model Water Efficient Landscape Ordinance – Landscape Standard

Residential	0.55
CII	0.45

Indoor Water Budget Factors

	Water Use Factor Residential = gpcd Non-Residential = ac-ft/building ksf
Residential	50
Non- Residential	
Commercial	0.088
Research and Development	0.088
Industrial	0.03
Public Facility	0.088

Reference Evapotranspiration Rate Zones (inches)

GIS attribute label	Current	Climate Change Scenarios				
		1	2	3	4	5
ETO_Zone_1	55					
ETO_Zone_2	53					
ETO_Zone_3	51					
ETO_Zone_4	49					
ETO_Zone_5	47					
ETO_Zone_6	45					

GDPUD

Residential outdoor and indoor water budgets

Land Use Designation Categories	Acres	Dwelling Units	Maximum Applied Water Allowance Budget				Indoor Budget				Total Water Budget (ac-ft)
			Irrigated area/acre (sq.ft.)	Reference Eto (Inches)	Eto adjustment factor	Total Applied Water (ac-ft)	Capita/ Dwelling Unit	Population	GPCD	Total (ac-ft)	
Multi-Family Residential (slope < 25%)	101	2,415	1,093			24		6,039		338	362
ETO_Zone_1	-	-	182	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	62	1,492	182	53	0.55	15	2.5	3,729	50	209	224
ETO_Zone_3	38	924	182	51	0.55	9	2.5	2,310	50	129	138
ETO_Zone_4	-	-	182	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	182	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	182	45	0.55	-	2.5	-	50	-	-
Multi-Family Residential (slope >25%)	0	1	3,603			0		3		0	0
ETO_Zone_1	-	-	601	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	-	-	601	53	0.55	-	2.5	-	50	-	-
ETO_Zone_3	0	1	601	51	0.55	0	2.5	3	50	0	0
ETO_Zone_4	-	-	601	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	601	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	601	45	0.55	-	2.5	-	50	-	-
High Density Residential (slope<25%)	218	1,092	29,069			294		2,730		153	447
ETO_Zone_1	-	-	4845	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	207	1,033	4845	53	0.55	279	2.5	2,582	50	145	424
ETO_Zone_3	12	59	4845	51	0.55	15	2.5	148	50	8	24
ETO_Zone_4	-	-	4845	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	4845	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	4845	45	0.55	-	2.5	-	50	-	-
High Density Residential (slope>25%)	35	35	28,711			9		87		5	14
ETO_Zone_1	-	-	4785	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	35	35	4785	53	0.55	9	2.5	87	50	5	14
ETO_Zone_3	-	-	4785	51	0.55	-	2.5	-	50	-	-
ETO_Zone_4	-	-	4785	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	4785	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	4785	45	0.55	-	2.5	-	50	-	-
Medium Family Residential	6,165	6,165	28,711			1,635		15,412		863	2,498
ETO_Zone_1	-	-	4785	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	5,131	5,131	4785	53	0.55	1,369	2.5	12,828	50	719	2,088
ETO_Zone_3	1,033	1,033	4785	51	0.55	265	2.5	2,583	50	145	410
ETO_Zone_4	-	-	4785	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	4785	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	4785	45	0.55	-	2.5	-	50	-	-
Low Density Residential (no Ag District Overlay)	13,602	2,720	44,616			1,113	15	6,801	300	381	1,494
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	8,876	1,775	7436	53	0.55	736	2.5	4,438	50	249	985
ETO_Zone_3	4,726	945	7436	51	0.55	377	2.5	2,363	50	132	510
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-

Residential outdoor and indoor water budgets

Land Use Designation Categories	Acres	Dwelling Units	Maximum Applied Water Allowance Budget				Indoor Budget				Total Water Budget (ac-ft)
			Irrigated area/acre (sq.ft.)	Reference Eto (Inches)	Eto adjustment factor	Total Applied Water (ac-ft)	Capita/Dwelling Unit	Population	GPCD	Total (ac-ft)	
Low Density Residential (Ag District Overlay)	-	-	44,616			-	15	-	300	-	-
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	-	-	7436	53	0.55	-	2.5	-	50	-	-
ETO_Zone_3	-	-	7436	51	0.55	-	2.5	-	50	-	-
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-
Rural Residential (no Ag District Overlay)	19,078	1,908	44,616			790		4,770		267	1,057
ETO_Zone_1	450	45	7436	55	0.55	19	2.5	113	50	6	26
ETO_Zone_2	17,320	1,732	7436	53	0.55	718	2.5	4,330	50	243	961
ETO_Zone_3	1,308	131	7436	51	0.55	52	2.5	327	50	18	71
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-
Rural Residential (Ag District Overlay)	4,634	232	44,616			94		579		32	127
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	2,406	120	7436	53	0.55	50	2.5	301	50	17	67
ETO_Zone_3	2,228	111	7436	51	0.55	44	2.5	278	50	16	60
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-
Agricultural Lands	4,902	490	44,616			201		1,225		69	269
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	3,219	322	7436	53	0.55	134	2.5	805	50	45	179
ETO_Zone_3	1,683	168	7436	51	0.55	67	2.5	421	50	24	91
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-
Natural Resource (no Timber Preserve Zone)	4,613	115	44,616			46		288	300	16	62
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	1,381	35	7436	53	0.55	14	2.5	86	50	5	19
ETO_Zone_3	2,129	53	7436	51	0.55	21	2.5	133	50	7	29
ETO_Zone_4	1,104	28	7436	49	0.55	11	2.5	69	50	4	14
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-
Natural Resource (Timber Preserve Zone)	-	-	44,616			-		-	300	-	-
ETO_Zone_1	-	-	7436	55	0.55	-	2.5	-	50	-	-
ETO_Zone_2	-	-	7436	53	0.55	-	2.5	-	50	-	-
ETO_Zone_3	-	-	7436	51	0.55	-	2.5	-	50	-	-
ETO_Zone_4	-	-	7436	49	0.55	-	2.5	-	50	-	-
ETO_Zone_5	-	-	7436	47	0.55	-	2.5	-	50	-	-
ETO_Zone_6	-	-	7436	45	0.55	-	2.5	-	50	-	-

GDPUD

Residential outdoor and indoor water budgets

Land Use Designation Catagories	Acres	Dwelling Units	Maximum Applied Water Allowance Budget				Indoor Budget				Total Water Budget (ac-ft)
			Irrigated area/acre (sq.ft.)	Reference Eto (Inches)	Eto adjustment factor	Total Applied Water (ac-ft)	Capita/Dwelling Unit	Population	GPCD	Total (ac-ft)	
Total	53,348	15,174	403,501			4,207		37,934		2,125	6,332

Non-residential outdoor and indoor water budgets

Land Use Designation Categories	Acres	Building Area (sq.ft.)	Maximum Applied Water Allowance Budget					Indoor Budget				Total Water Demand (ac-ft)
			Irrigated area/ Building area	Irrigated area (sq.ft.)	Reference Eto (inch)	Landscape Standard	Total Applied Water (ac-ft)	Square feet / job	Jobs	Water Use per ksf Building area (ac-ft)		
Commercial	1,081	9,419,508		10,098,427			456		23,549		825	1,281
ETO_Zone_1	-	-	1.07	-	55	0.45	-	400	-	0.09	-	-
ETO_Zone_2	773	6,736,156	1.07	7,221,671	53	0.45	330	400	16,840	0.09	590	919
ETO_Zone_3	308	2,683,351	1.07	2,876,756	51	0.45	126	400	6,708	0.09	235	361
ETO_Zone_4	-	-	1.07	-	49	0.45	-	400	-	0.09	-	-
ETO_Zone_5	-	-	1.07	-	47	0.45	-	400	-	0.09	-	-
ETO_Zone_6	-	-	1.07	-	45	0.45	-	400	-	0.09	-	-
Research and Development	-	-		-			-		-		-	-
ETO_Zone_1	-	-	0.65	-	55	0.45	-	330	-	0.09	-	-
ETO_Zone_2	-	-	0.65	-	53	0.45	-	330	-	0.09	-	-
ETO_Zone_3	-	-	0.65	-	51	0.45	-	330	-	0.09	-	-
ETO_Zone_4	-	-	0.65	-	49	0.45	-	330	-	0.09	-	-
ETO_Zone_5	-	-	0.65	-	47	0.45	-	330	-	0.09	-	-
ETO_Zone_6	-	-	0.65	-	45	0.45	-	330	-	0.09	-	-
Industrial	30	259,576		103,042					433	0	8	12
ETO_Zone_1	-	-	0.40	-	55	0.45	-	600	-	0.030	-	-
ETO_Zone_2	15	132,380	0.40	52,550	53	0.45	2	600	221	0.030	4	6
ETO_Zone_3	15	127,197	0.40	50,492	51	0.45	2	600	212	0.030	4	6
ETO_Zone_4	-	-	0.40	-	49	0.45	-	600	-	0.030	-	-
ETO_Zone_5	-	-	0.40	-	47	0.45	-	600	-	0.030	-	-
ETO_Zone_6	-	-	0.40	-	45	0.45	-	600	-	0.030	-	-
Public Facility	198	1,724,884		3,364,360			150		3,450	0	51	202
ETO_Zone_1	-	-	1.95	-	55	0.45	-	500	-	0.030	-	-
ETO_Zone_2	80	698,152	1.95	1,361,735	53	0.45	62	500	1,396	0.030	21	83
ETO_Zone_3	118	1,026,732	1.95	2,002,625	51	0.45	88	500	2,053	0.030	31	119
ETO_Zone_4	-	-	1.95	-	49	0.45	-	500	-	0.030	-	-
ETO_Zone_5	-	-	1.95	-	47	0.45	-	500	-	0.030	-	-
ETO_Zone_6	-	-	1.95	-	45	0.45	-	500	-	0.030	-	-
	1,309.00	11,403,968					608.17		27,431		884.05	1,494.53