

Folsom Plan Area
Russell Ranch Specific Plan Amendment
Potable Water Demand Comparison

Date: January 17, 2018

Russell Ranch Potable Water Demands - Approved Land Uses						
Land Use Summary						
Land Use	Gross Area (Acres)	Number of Allocated Dwelling Units	Normal Indoor Demand Factor (ac-ft/yr)	Normal Outdoor Demand Factor (ac-ft/yr)	Total Normal Demand (ac-ft/yr)	Total Dry-Year Demand (ac-ft/yr)
Residential						
Single Family (SF)	33.9	92	0.2100	0.3800	60	62
Single Family High Density (SFHD)	38.2	173	0.2061	0.1550	69	71
Residential Total	72.1	265			130	133
Open Space						
Open Space (OS)	28.6		0.00	-	0	0
Open Space - Landscape Corridor (OS-LC)	7.4		0.00	1.95	16	17
Open Space - Community Slopes (OS-CS)	5.0		0.00	1.93	11	11
Open Space Total	40.9				27	28
Non-Residential						
Public/Quasi-Public (P/QP)	0.1		0.00	-	0	0
Open Space - Residential Slopes(OS-RS)	11.3		0.00	1.95	24	26
Major Road Right-of-Way (ROW)	10.7		0.00	0.37	4	5
Non-Residential Total	22.1				29	30
Project Total	135.1	265			185	191

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Residential						
Single Family High Density (SFHD) Active Adult	42.3	208	See Note 3	0.1550	65-68	67-69
Single Family High Density (SFHD)	13.5	63	0.2061	0.1550	25	26
Multi-Family Low Density (MLD)	9.6	118	0.1369	0.0925	30	31
Private Recreation Facility(PRF)*(SFHD)	2.2		0.41	2.35	7	7
Open Space - Residential Slopes(OS-RS)(SFHD)	3.8		0.00	1.93	8	9
Open Space - Residential Slopes(OS-RS)(MLD)	2.3		0.00	1.93	5	5
Residential Total	73.7	389			140	144
Open Space						
Open Space (OS)	21.6		0.00	-	0	0
Open Space - Landscape Corridor (OS-LC)	7.1		0.00	1.95	15	16
Open Space - Community Slopes (OS-CS)	12.2		0.00	1.93	26	27
Open Space Total	40.9				42	44
Non-Residential						
Public/Quasi-Public (P/QP)	0.05		0.00	-	0	0
Major Road Right-of-Way (ROW)	7.7		0.00	0.37	3	3
White Rock Road Intersection Right-of-Way (ROW-WRR)	8.8		0.00	-	0	0
White Rock Road Interchange Right-of-Way (ROW-WRR)	3.9		0.00	-	0	0
Non-Residential Total	20.5				3	3
Project Total	135.1	389			185	191

Notes:

- 1.) Total water demands have been increased 11.11% pursuant to footnote 56 on page 30 of the Folsom Plan Area Water Supply Assessment prepared
- 2.) Outdoor water demands have been increased by 5% in dry years pursuant to the Water Supply Assessment prepared by Tully and Young.
- 3.) Indoor demand reduced to reflect smaller household size using a range of 1.8 - 2.0 persons per household was used for Active Adult Residential.

Indoor demand would range between 0.1278 and 0.1380 acre foot per year.

* Denotes that Private Recreation Facility indoor demand is based on twice the SF indoor demand and outdoor demand is 67% of Park outdoor demand