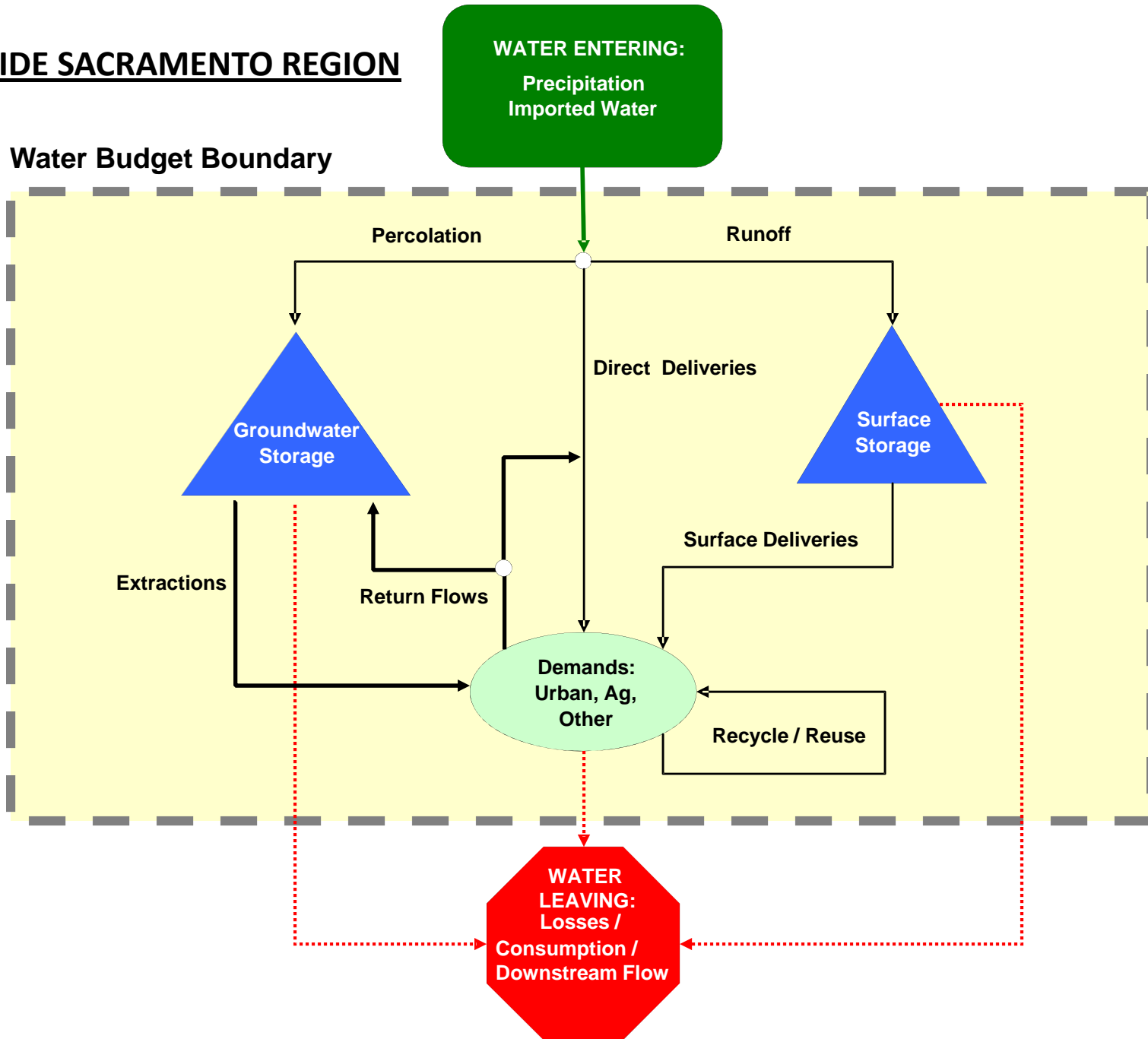


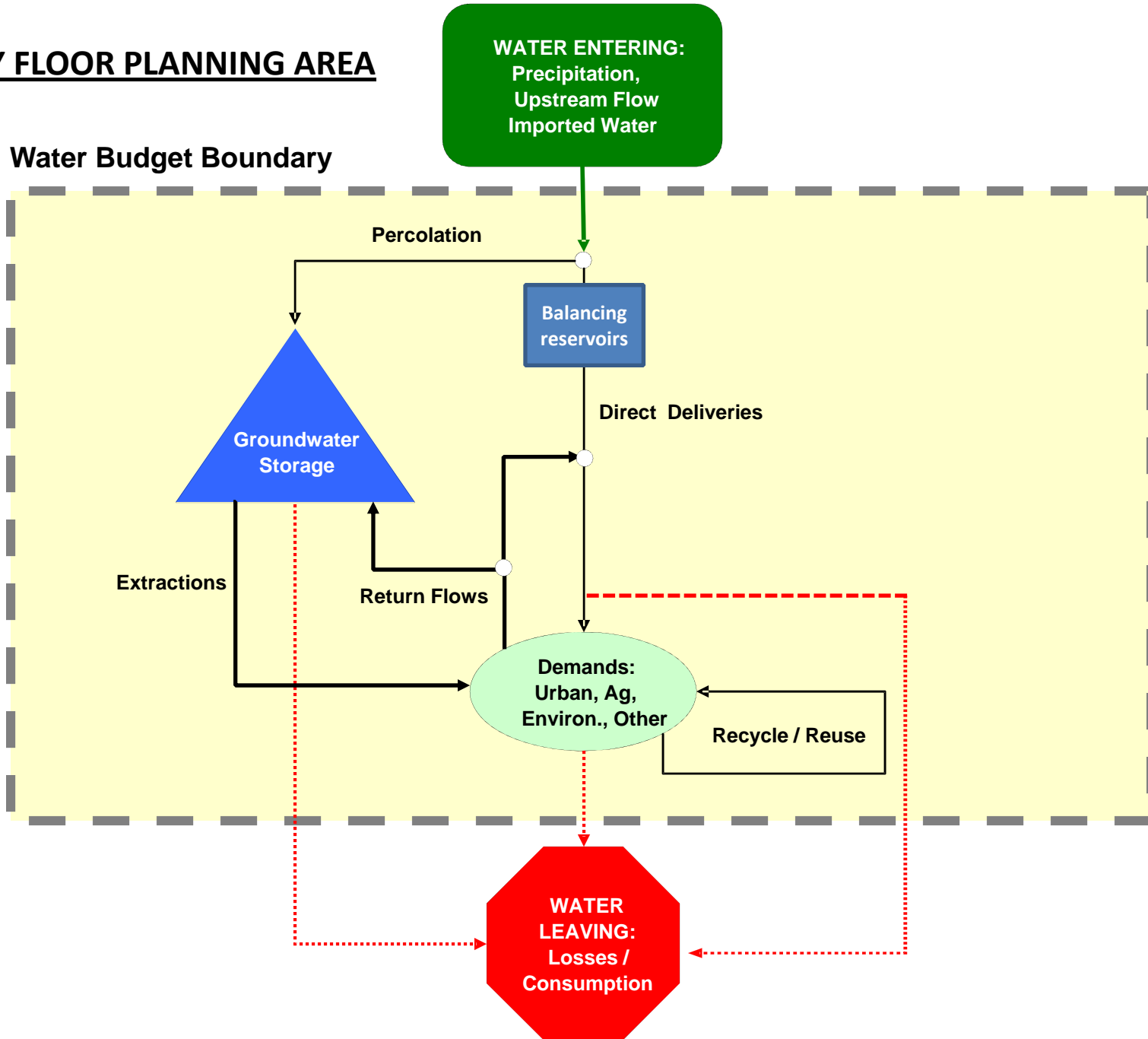
WESTSIDE SACRAMENTO REGION

Water Budget Boundary



VALLEY FLOOR PLANNING AREA

Water Budget Boundary



Valley Floor Average Year Supply and Applied Water Comparison - Average Year

Line		2015	2020	2025	2030	2035	Explanation
1	Direct Deliveries						All available average year water flow delivered from within the watersheds. Includes Cache Creek, Putah Creek, and Colusa Basin Drain
		373,373	373,373	373,373	373,373	373,373	
2	Imported Water						All surface water imported into the Valley Floor Planning Area (VFPA) from Sacramento River, CVP, and SWP.
		361,446	361,446	363,366	363,366	363,366	
3	Total Surface Water	734,819	734,819	736,739	736,739	736,739	Line [1] + Line [2]
4	Groundwater Storage						
5	Natural Recharge						
6	Low Estimate						Placeholder for low range estimate of natural recharged, if any.
7	High Estimate						Estimated natural recharge in VFPA - 483,751 AFY per YCIGSM, Solano 40,000 AFY estimated safe yield per SID Groundwater Study
		523,751	523,751	523,751	523,751	523,751	
8	Banked ASR Water Extracted	-	-	-	-	-	Placeholder for aquifer storage and recovery, if any.
9	Return Flows						
10	Ag RF						Agricultural return flows assuming 25% of land application runs off back into the distribution canals, tailwater recovery systems, or percolates into the shallow aquifer and is recoverable.
		333,932	333,932	333,932	333,932	333,932	
11	Urban RF						Outdoor return flows assuming 60% outdoor water use and 75% irrigation efficiency
		10,416	11,938	12,208	13,182	14,160	
12	WW RF						Wastewater return flows, estimated using discharge and disposal data from each agency in the VFPA.
		3,147	2,724	2,973	2,994	3,016	
13	Subsurface Flow Loss	-	-	-	-	-	
14	Recycle/Reuse						
15	Available for Ag Applied Water						Direct WW discharge for Ag use. Includes City of Vacaville Easterly WWTP flows.
		16,690	19,042	18,946	19,394	19,730	
16	Available for M&I Applied Water						Projected tertiary recycled water availability - City of Vacaville WWTP
		-	-	880	880	880	
17	Total Available Supply	1,622,754	1,626,206	1,629,428	1,630,871	1,632,207	Sum of rows [3] through [16]
18	Applied Water						
19	M&I						Urban and rural M&I Demands as calculated using UWMPs and per capita water use factors.
		69,440	79,590	81,385	87,877	94,397	
20	Agricultural						Agricultural demands as calculated using DWR land use survey and applied water use factors.
		1,335,727	1,335,727	1,335,727	1,335,727	1,335,727	
22	Total Applied Water/Releases	1,405,167	1,415,317	1,417,112	1,423,604	1,430,125	Sum of rows [19] through [21]
23	Supply and Applied Water Comparison	217,587	210,889	212,316	207,266	202,082	Row [17] - Row [22]. Positive number indicates there is adequate supply available for projected demand.

