

**Table 1.1 Executive Summary of Key System Design Criteria**

XYZ System Important Water Supply and Demand Data			Year: 2004
#	Description	Value	Unit or Note
1	Current Average System Wide ERC's:	1,318	Includes All Types of Users
2	Current Average System RESIDENTIAL Wide ERC's:	350	Includes only Typical Residential ERC's
3	Monthly Averaged Consumption Peaking Factor (C-pf):	2.01	(A critical factor in determining the impact of a user on system)
4	Consumption ERC (ERC-C) in ac-ft / year:	0.49	Used to Calculate ERC Capacity of non-residential Users
5	Calculated Acre-Feet per Year Annual Yearly Supply (AYS):	0.58	The Basic Supply in ac-ft per ERC used to allocate water rights
6	Peak Day Supply (PDS) Requirement per ERC (ERC-S) in gpm:	0.86	The Basic Peak Day gpm of Supply Capacity allocated per ERC
7	Required Storage (Aprox PDD for 1 day):	1,000	The Basic Gallons of Storage Allocated per ERC
8	Total Peak Instantaneous Demand (PID) per ERC:	2.07	The Basic gpm used to allocate Distribution System Capacity
9	District Standard Outdoor ac-ft per irrigated acre:	1.23	acre-feet
10	District Standard Outdoor PDD gpm per irrigated acre:	2.80	gpm
11	ADC Gallons per Capita per Day (GPCD):	178.41	gallons
12	INDOOR ADC Gallons per Capita per Day (GPCD):	117.75	gallons
13	PDC Gallons per Capita per Day:	358.88	gallons

**Table 1.3 Executive Summary of System General Capacity**

XYZ System		Year: 2004					
#	System Element	Total (peak gpm)	Total (ave. gpm)	Total (gal. / year)	Total (ac-ft / year)	Peaking Factor pf	Total gpm / ERC
1	SOURCE Capacity - Sc:	1,845	923	484,918,560	1,488	2.00	1.40
2	SOURCE Developed - Sd:	1,689	844	443,787,817	1,362	2.00	1.28
3	SUPPLY - S:	1,131	560	294,334,014	903	2.02	0.86
4	PRODUCTION - P:	905	448	235,435,970	723	2.02	0.69
5	DEMAND - D:	883	320	168,429,527	517	2.75	0.67
6	CONSUMPTION - C:	1,126	409	214,845,526	659	2.75	0.61
REAL (Derived from Actual Data)							
THEORETICAL CALCULATION							