

Appendix A: Meter Capacity Factors

Meter Size	AWWA (gpm) ⁽¹⁾	Factor based on 5/8 inch	Meter Type
5/8 inch	20	1	All meter types
3/4 inch ⁽²⁾	20	1	All meter types
1 inch	50	2.5	Turbine Class I
1-1/2 inch	100	5	Turbine Class I
2 inch	160	8	Turbine Class I
3 inch	320	16.0	Compound Class I
4 inch	500	25.0	Compound Class I
6 inch	1000	50	Compound Class I
8 inch	1600	80	Compound Class I
10 inch	4,200	210	Turbine Class II

(1) Safe maximum operating capacity by meter size per current AWWA standards (Table B-1 M1 Manual 6th Edition, pg 326)

(2) AWWA indicates 30 gpm of consumption capacity for 3/4" meters of any type. However, JCSD's 5/8" and 3/4" meters are assumed to draw 20 gpm from the system and deemed commensurate.

Water Charge by Meter Size

Meter Size, inches	EDU/Meter	Water Capacity Charge	Water Resources Charge	Combined Water Charge
5/8	1	\$ 8,455	\$ 3,557	\$ 12,012
3/4	1	8,455	3,557	12,012
1	2.5	21,138	8,893	30,031
1.5	5	42,276	17,786	60,061
2	8	67,641	28,457	96,098
3	16	135,282	56,914	192,195
4	25	211,378	88,928	300,305
6	50	422,755	177,856	600,611
8	80	676,408	284,569	960,977
10	210	1,775,572	746,993	2,522,565

