

Equivalency Ratios for Calculating ERU's

Schools, Churches, Sprinkler, Government Accounts

Effective March 1, 2018

Meter Size	Operating Flow (gpm)	Equivalency Ratios	ERU
Displacement Meters			
Single Family Residential Equivalent 5/8"*	18	1.00	1
0.75"*	25	1.39	1
1"	40	2.22	2
1.5"	50	2.78	3
2"	100	5.56	5
Class II Turbine Meters - High Velocity			
1.5"	100	5.56	5
2"	160	8.89	9
3"	350	19.44	19
4"	630	35.00	35
6"	1,400	77.78	78
8"	2,400	133.33	133
10"	3,800	211.11	211
12"	5,000	277.78	278
Compound Meters			
2"	160	8.89	9
3"	320	17.78	18
4"	500	27.78	28
6"	1,000	55.56	55
8"	1,600	88.89	89
10"	2,300	127.78	128

(ERU=Equivalent Residential Units)

Source-AWWA and Zions Bank Impact Fee Study