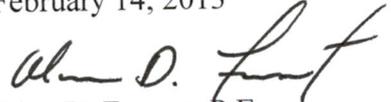




MEMORANDUM

DATE: February 14, 2013

TO: New Area Development

FROM: 
Alan D. Forrest, P.E.
Director
Tucson Water

SUBJECT: Water Meter Sizing Guidelines

Water meters shall be sized in accordance with the maximum design capacity shown in the table below. Fixture unit counts were interpolated using the accepted plumbing code in effect as of the date of this memorandum and are included below for reference only. The determining factor for meter sizing shall be the required design capacity. Use of the design capacity and fixture unit counts to determine water meter size shall be at the discretion of Tucson Water technical staff.

Meter Size (inches)	Maximum IPC Fixture Units ^{1,2} ()	Tucson Water Maximum Meter Design Capacity (gpm)
5/8"	11	15
3/4"	28	22.5
1"	78	37.5
1-1/2"	250	75
2"	480	120
3"	1530	270
4"	3470	475
6"	8900	1050

Notes:

1. Fixture unit limits were interpolated from Table E103.3(3) of the 2012 International Plumbing Code (IPC) and assume the use of flush tanks.
2. Use of an accepted engineering practice other than the IPC to determine the maximum design capacity shall only be accepted following approval by City of Tucson Development Services or Pima County Development Services.
3. For meter sizes larger than 6" consult New Services.

AF/SDS/lr