

SIZING WATER SERVICE LINES AND METERS

CITY OF VIRGINIA BEACH
Water Customer Data Sheet

Customer _____ Address _____
 Building Address _____ Zip Code _____
 Subdivision _____ Lot No. _____ Blk. No. _____
 Type of Occupancy _____

<u>Fixture</u>	<u>Fixture Value</u> <u>60 psi</u>	<u>No. of</u> <u>Fixtures</u>	<u>Fixture</u> <u>Value</u>
Bathtub	8	x	=
Bedpan Washers	10	x	=
Bidet	2	x	=
Dental Unit	2	x	=
Drinking Fountain - Public	2	x	=
Kitchen Sink	2.2	x	=
Lavatory	1.5	x	=
Showerhead (Shower Only)	2.5	x	=
Service Sink	4	x	=
Toilet – Flush Valve	35	x	=
- Tank Type	4	x	=
Urinal – Pedestal Flush Valve	35	x	=
- Wall Flush Valve	16	x	=
Wash Sink (Each Set of Faucets)	4	x	=
Dishwasher	2	x	=
Washing Machine	6	x	=
Hose (50 ft Wash Down) - 1/2 in.	5	x	=
- 5/8 in.	9	x	=
- 3/4 in.	12	x	=
Combined Fixture Value Total			=

Customer Peak Demand From Fig. 4 –2 or 4 –3 x Press. Factor = _____ gpm

Add Irrigation - _____ Sections* x 1.16 or 0.40+ = _____ gpm

- _____ Hose Bibs x Fixture Value x _____ Press. Factor = _____ gpm

Added Fixed Load = _____ gpm

TOTAL FIXED DEMAND = _____ gpm

* 100 ft² area = 1 section

+ Spray Systems- Use 1.16; Rotary systems- Use 0.40

Figure 4-5 Water customer data sheet