



# Water Meter Sizing Worksheet

## Commercial or Mixed Use

Revised: May 2008 According to UPC-2005-Appendix A

# W-4

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Building Permit Number	Service Address
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(1) Type of Fixture	(2) Total Fixtures in New/Remodeled Structure	(3) Fixture Values	(4) Total Fixture Unit Value
Bar sink	x	2.0	=
Bathtub or Tub/Shower	x	4.0	=
Clinic Sink	x	3.0	=
Clothes Washer	x	4.0	=
Dishwasher	x	1.5	=
Drinking Fountain	x	0.5	=
Hose Bibb, 1 <sup>st</sup> one	x	2.5	=
Hose Bibb, each additional	x	1.0	=
Kitchen Sink	x	1.5	=
Laundry Sink	x	1.5	=
Lavatory Sink	x	1.0	=
Mop or Service Sink	x	3.0	=
Shower	x	2.0	=
Urinal, 1.0 GPF	x	5.0	=
Urinal, >1.0 GPF	x	4.0	=
Water Closet, 1.6 GPF Gravity Tank	x	2.5	=
Water Closet, 1.6 Flushometer Valve	x	25.0	=
Water Closet, >1.6 Flushometer Valve	x	25.0	=
<b>Note:</b> Fixture units for flushometers are approximate values. Values will be reviewed and may be adjusted by Portland Water Bureau Staff on a case-by-case basis.			<b>Total Fixture Units:</b>

### Instructions

Column 2: Enter the total number of each fixture type for the completed new structure. If the project has an existing structure that will be using the same water meter enter the total number of each fixture type for the completed project.

Column 3: Per unit value of each fixture type

Column 4: Enter the number of column 2 times column 3

Fixture Unit Count (column 4 total)	Required Meter Size
0 - 22	5/8" meter
22.5 - 37	3/4" meter
37.5 - 89	1" meter
89.5 - 286	1.5 meter
286.5 - 532	2" meter
532.5 - 1,300	3" meter
1,300.5 - 3,600	4" meter
3,600.5 - 8,200	6" meter

Note: There may be SDC credit if existing meters are utilized or removed. SDC fees are not assessed to fire lines. Fees are due at the time the water service installation is paid. Call Portland Water Bureau Development Services, 503-823-7368 with any questions.