



# 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 - 3600	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.