



Development Services

Department

90 E. Civic Center Dr.

Gilbert, AZ 85296

(480) 503-6700-Phone

(480) 497-4923-Fax

www.gilbertaz.gov

A Community of Excellence

Water meter and building water service sizing data

Building water service (BWS) supply line maximum length _____ feet

Fixture or Fixture Group	#of Fixtures or Fixture Groups	Fixture Value	TOTAL
Water closet	_____	2.2	_____
Lavatory	_____	0.7	_____
Shower head	_____	1.4	_____
Tub	_____	1.4	_____
Bidet	_____	1.4	_____
Full Bath Group	_____	3.6	_____
Half Bath Group	_____	2.6	_____
Kitchen sink	_____	1.4	_____
Dishwasher	_____	1.4	_____
Kitchen Group	_____	2.5	_____
Clothes wash	_____	1.4	_____
Laundry sink	_____	1.4	_____
Laundry Group	_____	2.5	_____
Bar sink	_____	0.7	_____
Hose bibs (count 2 only)	<u>2</u>	2.5	<u>5</u>

Total fixture units _____

Minimum meter size _____

Minimum BWS supply line size _____

Full Bath Group = one water closet + one tub or one shower or one tub/shower combo + one lavatory (additional lavatory or bidet add as single separate fixtures)

Half Bath Group = one water closet + one lavatory

Kitchen Group = one kitchen sink + one dishwasher (additional sinks or dishwasher add as single separate fixtures)

Laundry Group = one clothes washer + one laundry tub (additional clothes washer or laundry tub add as separate fixture)

BWS = length of BWS supply line from meter to farthest water fixture plus 10 feet for single story, 20 feet for two story, or 30 feet for three story.

Sizing based on 2006 IRC Table P2903.7 - Pressure Range 50-60 psi

One inch meter required where fire sprinkler are installed but development fees are assessed based on the minimum water meter size required for domestic water system demand.

Submit with permit application for new custom home or addition where plumbing fixture(s) are added.

Contact Development Services at 480-503-6700 with any questions.