

City of Westminster Plumbing Data Sheet

Residential & Multifamily (Fixtures per Building)

Date of Submittal

Address of Building

Name of Builder

Contact Name and Phone #

	Project #	

Please complete this data sheet and return to the City of Westminster Building Department.

Enter the number of each fixture to be installed per water tap in the "Count" column.
Enter the Fixture Rated Flow in GPM When Required

Fixture Type	Count	FU per	
Bathroom Group - Tank Private		3.6	0
Bathroom Group - Valve Private		8	0
Bathtub - Private		1.4	0
Bathtub - Public		4	0
Bidet - Private		2	0
Combination Fixture - Private		3	0
Dishwashing Machine - private		1.4	0
Hose Bibb		2.5	0
Kitchen Sink - Private		1.4	0
Kitchen Sink - Hotel, Restaurant		4	0
Laundry Trays (1 to 3) Private		1.4	0
Lavatory Private		0.7	0
Service Sink - Offices etc.		3	0
Showerhead Private		1.4	0
Washing Machine (8 lbs) Private		1.4	0
Washing Machine (8 lbs) Public		3	0
Washing Machine (15 lbs) Public		4	0
Water Closet Flush Valve Private		6	0
Water Closet Flush Tank Private		2.2	0
Water Closet Flush Valve Public		10	0
Water Closet Flush Tank Public		5	0
Water Closet Flushometer Tank Public or Private		2	0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Miscellaneous F.U.s	NOTES:		0
Fixture Not on List	GPM	Total FU	0
		Total GPM	0

Pipe Zone Data (CF = Controlling Fixture Zone)						
May be used to size several zones or several sections of one zone						
Zone	CF	2	3	4	5	6
Pipe Size						
Zone Length						
Fixture Units						
Tank WC = 1						

Max GPM Pipe Size vs. Velocity		
Max Velocity	8 FPS	10 FPS
Pipe	GPM	
1/2	6.25	7.8
3/4	12.8	16.1
1	21.75	27.2
1 1/4	32.6	40.8
1 1/2	45.6	57
2	79	98.8
3	174.1	217.5
4	303	379
6	677	847

Max GPM per Meter Size	
Max Peak Flow	
Meter Size	GPM
5/8 x 3/4	20
3/4	30
1	50
1 1/2	100
2	160
3	350
4	600
6	1250

Tap velocities may not exceed 15 FPS

Velocities after the service line are not recommended to exceed 8 FPS

Meter and tap size must be the same unless the City requests otherwise

Predominantly Tank Toilets - Enter "1"		1
Minimum Pressure at Main	PSI	
Tank Toilets - 8, Flush Valve - 15, Blowout - 25		
Controlling Fixture Elevation from Main	Feet	
Pipe Length Main to Meter	Feet	
Pipe Length Meter to Building	Feet	
Backflow PSI Loss	PSI	
Other Pressure Reducer 1	PSI	
Other Pressure Reducer 2	PSI	