

AUGUSTA COUNTY SERVICE AUTHORITY
WATER METER SIZING FORM¹

Project Name: _____ Type of Facility/Use: _____

Project/Facility Location: _____

Fixture		Fixture Value @ 35 psi		No. of Fixtures		Fixture Value	
Bathub with Shower		8	X		=		
Shower Head (Shower Only)		4	X		=		
Bedpan Washers		10	X		=		
Drinking Fountain		1	X		=		
Kitchen Sink	- 1/2" Connection	3	X		=		
	- 3/4" Connection	7	X		=		
Lavatory Sink	- 3/8" Connection	2	X		=		
	- 1/2" Connection	4	X		=		
Service Sink	- 1/2" Connection	3	X		=		
	- 3/4" Connection	7	X		=		
Urinal	- Pedestal Flush Valve	35	X		=		
	- Wall Flush Valve	12	X		=		
Toilet/Water Closet	- Flush Valve	35	X		=		
	- Tank Type	3	X		=		
Dishwasher	- 1/2" Connection	5	X		=		
	- 3/4" Connection	10	X		=		
Washing Machine	- 1/2" Connection	5	X		=		
	- 3/4" Connection	12	X		=		
	- 1" Connection	25	X		=		
Hose Connection (Wash Down)	- 1/2"	6	X		=		
	- 3/4"	10	X		=		
Combined Fixture Value Total					=		
Irrigation	For spray and rotary systems indicate the total irrigable area (square feet)					=	
	For irrigation systems utilizing hose bibs, indicate the number of bibs used					=	
Fixed Loads ²						=	

I certify that the above information is true and correct: _____ (Name – Please Print)

_____ (Signature)

TO BE COMPLETED BY ACSA ENGINEERING DEPARTMENT						
	System Pressure =			Pressure factor (PF)	=	
1)	Customer Peak =	Demand of Fixture Total from Fig. 4.4/4.5		* (PF)	=	gpm
2)	Irrigation =			SF/100 * (1.16) or (0.04) ³	=	gpm
				Bibs*6.5*	(PF) =	gpm
3)	Fixed Loads =				=	gpm
Total Demand =		Sum of 1 - 3			=	gpm

¹ This form is based on AWWA M22, Copyright 1975, 2004

² Document equipment/use requiring fixed load demand in space provided

³ Spray Systems – Use 1.16; Rotary Systems – Use 0.40