

# City of Goshen Utilities Department Water Service Calculation Sheet

Customer Name:

Customer Address:

Service Address:

<u>No. of Fixtures</u>	<u>Fixture Valve at psi</u>		<u>Fixture Value</u>
<input type="text"/> Drinking Fountain - Public	_____	=	_____
<input type="text"/> Faucet (Lavatory)	_____	=	_____
<input type="text"/> Faucet (Kitchen)	_____	=	_____
<input type="text"/> Faucet (Utility Sink)	_____	=	_____
<input type="text"/> Wash Sink (Each Set of Faucets)	_____	=	_____
<input type="text"/> Service Sink	_____	=	_____
<input type="text"/> Dishwasher	_____	=	_____
<input type="text"/> Showerhead (Shower Only)	_____	=	_____
<input type="text"/> Bathtub	_____	=	_____
<input type="text"/> Toilet - Flush Valve	_____	=	_____
<input type="text"/> Toilet - Tank Type	_____	=	_____
<input type="text"/> Urinal - Pedestal Flush Valve	_____	=	_____
<input type="text"/> Urinal - Wall Flush Valve	_____	=	_____
<input type="text"/> Washing Machine	_____	=	_____
<input type="text"/> Hose (50 ft Wash Down) - 1/2 in.	_____	=	_____
<input type="text"/> Hose (50 ft Wash Down) - 5/8 in.	_____	=	_____
<input type="text"/> Hose (50 ft Wash Down) - 3/4 in.	_____	=	_____
<input type="text"/> <u>Miscellaneous</u>			
<input type="text"/> Bedpan Washer	_____	=	_____
<input type="text"/> Bidet	_____	=	_____
<input type="text"/> Dental Unit	_____	=	_____
<b>Combined Fixture Value Total</b>		=	=====
Customer Peak Demand (Figure 4-2 or 4-3 x Pressure Factor) ( Note: The pressure factor is included in the fixture value)		=	<input type="text"/> gpm
Added Fixed Load		=	<input type="text"/> gpm
<b>Total Fixed Demand</b>		=	_____ gpm

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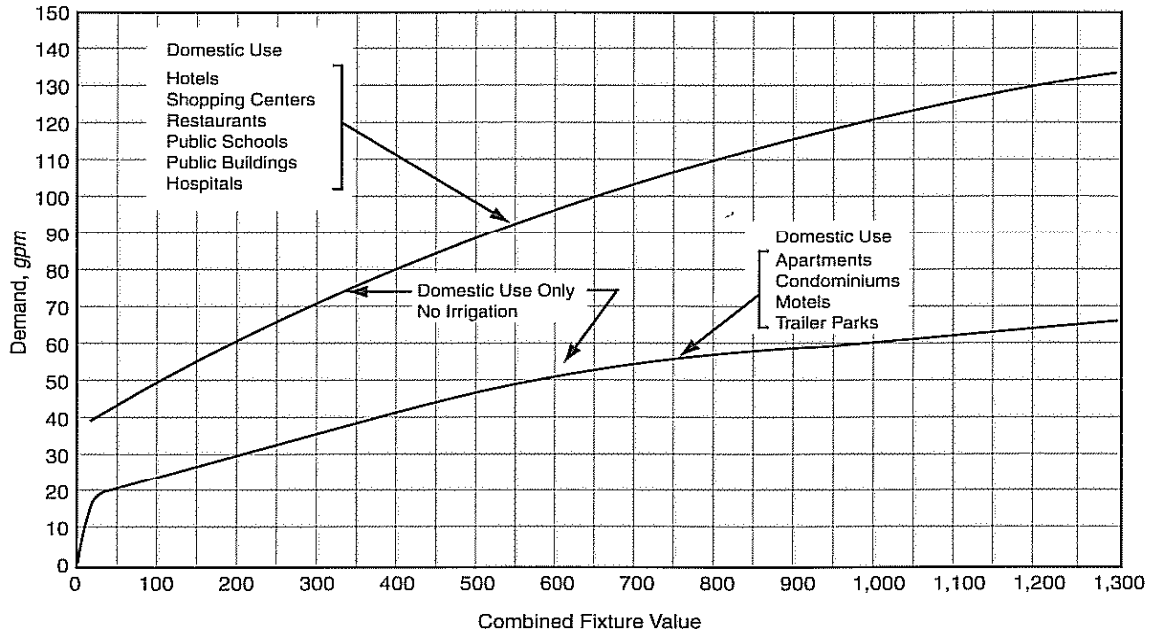


Figure 4-2 Water flow demand per fixture value—low range

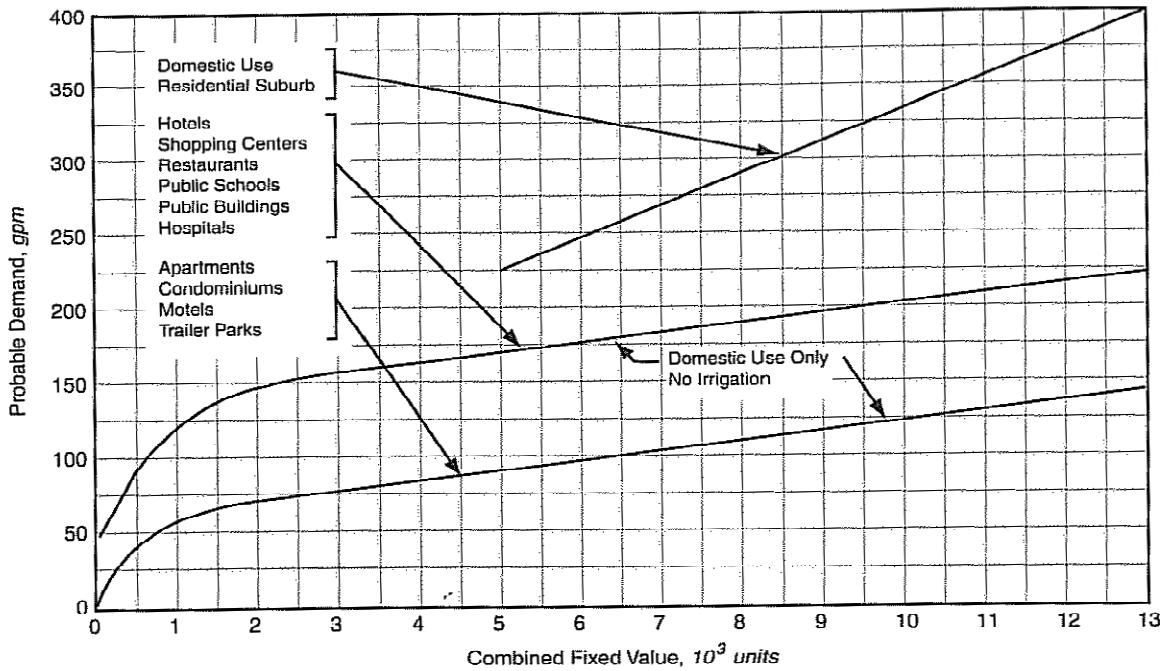


Figure 4-3 Water flow demand per fixture value—high range

Note: Figure 4.2 & 4.3 copied from AWWA Manual M22 "Sizing Water Service Lines and Meters"