

# GOLDEN HILLS CSD - WATER METER SIZING WORKSHEET

Submitted By:		Date Submitted:	
Site Address:		Tract & Lot:	
Owner Name:		Owner Phone:	
Other Contact Name:		Other Contact Phone:	
Meter Size:	Comments:		
Type of Service (check all that apply): <input type="checkbox"/> Single Family Residential <input type="checkbox"/> Multi- Family Residential (number of units____ Number of floors____) <input type="checkbox"/> Industrial (describe)_____			
<input type="checkbox"/> Commercial (describe)_____			
<input type="checkbox"/> Mobile Home <input type="checkbox"/> Gas/Service Station <input type="checkbox"/> Carwash <input type="checkbox"/> Restaurant/Food Service <input type="checkbox"/> Laundry			
<input type="checkbox"/> Other (describe)_____			
<input type="checkbox"/> Booster Pump or Private Well on System <input type="checkbox"/> Storage tank on System <input type="checkbox"/> Fire Sprinkler System <input type="checkbox"/> Separate Fire Service Required			

Water meters shall be sized by the District in accordance with the latest issue of the Uniform Plumbing Code (UPC) . Applicant should consult with a qualified professional to ensure the appropriate meter size is selected.

The following table is based on the UPC, Table 6-4 for individual private dwellings. It provides a list of fixtures and corresponding fixture values based on gallons per minute flow demand. Most types of fixtures and uses are included to permit the engineer to estimate the possible use by residences, offices, schools, shopping centers, and other customers. However, the criteria as set out should not serve as full assurance that the use will not exceed the estimated demand. Therefore, the engineer should thoroughly evaluate the customer's future demand and piping before reaching a conclusion on the appropriate meter size.

Fixture	GPM	# of Fixtures	Fixtures Value
Bathtub-Shower Combo	4	x _____	= _____
Dental Unit	1	x _____	= _____
Drinking Fountain (Cooler)	0.5	x _____	= _____
Kitchen Sink: 1/2" Connection	1.5	x _____	= _____
Lavatory: 1/2" Connection	1	x _____	= _____
Laundry Sink: 1/2" Connection	1.5	x _____	= _____
Lawn Sprinkler, each head	1	x _____	= _____
Mobile Home, each	12	x _____	= _____
Shower (Head Only)	2	x _____	= _____
Service Sink: 1/2" Connection	3	x _____	= _____
Urinal, 1.0 GPF	4	x _____	= _____
Wash Sink (Each Set of Valves)	2	x _____	= _____
Water Closet: 1.6 GPF Flush Valve	2.5	x _____	= _____
Water Closet: 3.5 GPF Tank Type	3	x _____	= _____
Dishwasher: 1/2" Connection	1.5	x _____	= _____
Washing Machine: 1/2" Connection	4	x _____	= _____
Hose Connection: 1/2"	2.5	x _____	= _____
Hose Connection, each additional 1/2"	1	x _____	= _____
			Combined Fixture Value Total = _____

Combined Fixture Value Total is obtained by multiplying the above gallons per minute rating by the number of similar fixtures and totaling to obtain the combined fixture value total. After obtaining the combined fixture value total, compare to the chart below to determine proper meter size. The meter size shown below is based on a service line of 100 feet or less and a pressure of 46 to 60 psi. Consult UPC Table 6-5 for other service lengths or pressures.

Maximum Residential & Commercial Fixture Values *	Meter Size *
0-33	3/4" short
34-67	1"
68-151	1½"
152-370	2 turbo
371-550	3 turbo
Maximum Residential & Commercial Fixture Values *	Meter Size *

As the water purveyor, we are responsible for ensuring compliance with the California State Cross-Connection Control Policy (CCCPH). Therefore, all connected residential fire sprinkler systems must include either:

- A looped system that ensures continuous water flow and prevents stagnant water, or
- A backflow prevention assembly (BPA), such as a Double Check Valve Assembly (DCVA) or Reduced Pressure Principle Assembly (RPPA), depending on the system's design and any potential contamination risks.

It is the responsibility of the applicant (property owner or contractor) to ensure that the selected system complies with these regulatory requirements. Failure to install an approved system may result in non-compliance with both state and local regulations. In such cases, corrective actions, including system modifications or penalties, may be enforced. A copy of the Kern County Fire Department signoff must be submitted to GHCSO within 14 days of completion of building. Failure to provide said signoff shall result in shutoff of water.

**Fire Sprinkler System Contractor Firm Certification:**

I, the undersigned, certify that the fire system installed at the referenced property includes one of the following cross connection prevention methods in compliance with the California State Cross-Connection Control Policy requirements:

- Looped System
- Backflow Prevention Assembly
- Other (Specify): \_\_\_\_\_

By signing below, I confirm that the selected system has been properly installed in accordance with California State and local regulations. Furthermore, I acknowledge that the system must meet the necessary requirements for continuous water flow and backflow prevention.

- Fire Sprinkler System Contractor Name: \_\_\_\_\_
- License Number: \_\_\_\_\_
- Representative Name: \_\_\_\_\_
- Signature: \_\_\_\_\_
- Date: \_\_\_\_\_

**Applicant Certification:**

I, the undersigned applicant, certify that the fire sprinkler system described in this application will be installed and maintained in accordance with the California State Cross-Connection Control Policy requirements. I understand that any modifications to the approved system must be submitted to and approved by the Golden Hills Community Services District before construction begins.

Furthermore, I understand that failure to comply with these regulations may result in penalties or required corrective actions. If the system requires a backflow prevention assembly, I am also responsible for the necessary maintenance and annual testing of the device to ensure ongoing compliance.

- Property Address: \_\_\_\_\_
- Applicant Name: \_\_\_\_\_
- Signature: \_\_\_\_\_
- Date: \_\_\_\_\_

It is understood that at the time of submittal for plan approval, all details of the building plans have not been finalized and the engineer is estimating fixtures. For this reason, Golden Hills CSD or assignee reserves the right to verify and adjust the meter size based upon the final calculations showing all water demands.

I, THE APPLICANT CERTIFY ALL THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I certify that I am the owner of the property described in this application.

\_\_\_\_\_  
 Signature Date

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 FOR DISTRICT USE ONLY

Reviewed By:	Date Reviewed:	Meter Size:	Meter Type:
Comments:			
<p>With the information provided, is backflow prevention required? (circle one) <span style="float: right;">YES    NO</span></p> <p>If yes, what type? _____</p>			