



# WS-2: WATER DEMAND WORKSHEET

**Instructions:** Complete this form with up-to-date, accurate information to the best of your knowledge. Upon completion and certification, return the form (along with [WS-1](#)) to [servicerequests@crwater.com](mailto:servicerequests@crwater.com).

For the "Fixture Unit Worksheet", provide the quantities of new and existing fixture types that will be served by the requested meter. The Fixture Units column will auto-populate based on your quantities (exceptions: fixtures with flushometer valves, see Note 4 below, and for "other" fixture types). For services with fire suppression systems, swimming pools, irrigation, and/or other miscellaneous water demands, complete the "Miscellaneous Water Demand Worksheet" with required/proposed flows. In this spreadsheet, the "Total Miscellaneous Demand" cell auto-populates. For questions, please call (503) 722-9220.

APPLICANT INFORMATION <input checked="" type="checkbox"/> Same as WS-1		
Name(s): CRW Employee	Phone: (503) 722-9220	Cell: (503) 722-9220
Address: 16770 SE 82nd Dr, Clackamas, OR 97015		Email: employee@crwater.com
Company/Organization (if applicable): Clackamas River Water		Co/Org Phone: (503) 722-9220

FIXTURE UNIT WORKSHEET					
Fixture Type	Quantity		Fixture Unit Multiplier <sup>5</sup>		Fixture Units
	Private	Public	Private	Public	
Bathtub or combination bath/shower w/ 3/4-inch fill valve <sup>1</sup>	0	0	4.0	4.0	0
Bidet	0	0	1.0	1.0	0
Clothes washer	1	0	4.0	4.0	4
Dental unit, cuspidor	0	0	N/A	1.0	0
Dishwasher, domestic	0	0	1.5	1.5	0
Drinking fountain or water cooler	1	0	0.5	0.5	0.5
Hose bibb, first	1	0	2.5	2.5	2.5
Hose bibb, additional <sup>2</sup>	4	0	1.0	1.0	4
Mobile home, each	0	0	12.0	N/A	0
Sink, bar	0	0	1.0	2.0	0
Sink, clinical faucet	0	0	N/A	3.0	0
Sink, kitchen or laundry	1	0	1.5	1.5	1.5
Sink, bathroom	2	0	1.0	1.0	2
Sink, service or mop basin	1	0	1.5	3.0	3
Shower, standalone (per head)	0	0	2.0	2.0	0
Toilet, gravity or flushometer tank <sup>3</sup>	3	0	2.5	2.5	7.5
Toilet, flushometer valve <sup>4</sup>	0	0	X	X	
Toilet, gravity (>1.6 GPF) <sup>3</sup>	0	0	3.0	5.5	0
Urinal, flush tank	1	0	2.0	2.0	2
Urinal, flushometer valve <sup>4</sup>	0	0	X	X	
Other:					
Other:					
<b>Total Fixture Units:</b>					<b>27</b>

**Notes:**

- <sup>1</sup> Most baths are on a 1/2-inch fill valve
- <sup>2</sup> The quantity of additional hose bibbs is the total number of hose bibbs minus one.
- <sup>3</sup> Most gravity toilets are 1.6 GPF (gallons per flush).
- <sup>4</sup> Use the Flushometer Valve Fixture Units table below to fill the Fixture Units cells for these two rows.
- <sup>5</sup> All Fixture Units are based on the most current version of the Oregon Specialty Plumbing Code (OSPC).

FLUSHOMETER VALVE FIXTURE UNITS		
No. of Flushometer Valves	Total Fixture Units <sup>5</sup>	
	Urinals	Toilets
1	20	40
2	35	70
3	45	90
4	53	105
5 or more	58 + 5 for each additional fixture	115 + 10 for each additional fixture

MISCELLANEOUS WATER DEMAND WORKSHEET		
<input type="checkbox"/> Fire sprinkler system – required flow to each sprinkler head ( _____ GPM), multiplied by the number of sprinkler heads in the largest room ( _____ ), for total proposed flow:		<b>GPM</b>
<input type="checkbox"/> Swimming pool/spa/tank – filled by: <input type="checkbox"/> hose bibb, or <input type="checkbox"/> dedicated water line. If filled by hose bibb, no additional water demand is assessed. If dedicated water line, total proposed flow:		<b>GPM</b>
<input checked="" type="checkbox"/> Irrigation – (A) Measured flow rate for largest separate circuit of irrigation system, or (B) number of sprinkler heads on largest separate circuit ( 5 ), multiplied by the rated flow per head ( 1 GPM), for total proposed flow:	5	<b>GPM</b>
<input type="checkbox"/> Other: _____ – total proposed flow:		<b>GPM</b>
<b>Notes:</b>	<b>Total Miscellaneous Demand:</b>	<b>5 GPM</b>

CERTIFICATION
<input checked="" type="checkbox"/> I certify that the above information is accurate to the best of my knowledge and is representative of the TOTAL water demand on the requested meter. I also certify that the fixtures and water demand identified above will conform to the associated building and/or plumbing permit and that if, in the future, I intend to create any significant new water demand on the property, I will inform CRW prior to creating the demand. Date: <u>11/09/2021</u>