

WS-2: WATER DEMAND WORKSHEET

Clackamas River Water

<u>Instructions</u>: Complete this form with up-to-date, accurate information to the best of your knowledge. Upon completion and certification, return the form (along with <u>WS-1</u>) to <u>servicerequests@crwater.com</u>.

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 Same as WS-1						
Name(s):	Phone:		Cell:			
Address:		Email:				
Company/Organization (if applicable):		Co/Org Phone	:			

Fixture Type	Quantity		Fixture Unit Multiplier ⁵		Fixture
	Private	Public	Private	Public	Units
Bathtub or combination bath/shower			4.0	4.0	
w/ 3/4-inch fill valve ¹			10.0	10.0	
Bidet			1.0	1.0	
Clothes washer			4.0	4.0	
Dental unit, cuspidor			N/A	1.0	
Dishwasher, domestic			1.5	1.5	
Drinking fountain or water cooler			0.5	0.5	
Hose bibb, first			2.5	2.5	
Hose bibb, additional ²			1.0	1.0	
Mobile home, each			12.0	N/A	
Sink, bar			1.0	2.0	
Sink, clinical faucet			N/A	3.0	
Sink, kitchen or laundry			1.5	1.5	
Sink, bathroom			1.0	1.0	
Sink, service or mop basin			1.5	3.0	
Shower, standalone (per head)			2.0	2.0	
Toilet, gravity or flushometer tank ³			2.5	2.5	
Toilet, flushometer valve ⁴			Х	Х	
Toilet, gravity (>1.6 GPF) ³			3.0	5.5	
Urinal, flush tank			2.0	2.0	
Urinal, flushometer valve ⁴			Х	Х	
Other:					
Other:					

Notes:

¹ Most baths are on a ¹/₂-inch fill valve

² The quantity of additional hose bibbs is the total number of hose bibbs minus one. ³ Most gravity toilets are 1.6 GPF (gallons per flush).

⁴ Use the Flushometer Valve Fixture Units table below to fill the Fixture Units cells for these two rows.

⁵ All Fixture Units are based on the most current version of the Oregon Specialty Plumbing Code (OSPC).

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

Total Fixture Units:

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

CERTIFICATION

□ 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:**