

# Single Family Plumbing Worksheet



This form is to be used in combination with a plumbing or building permit application when new fixtures are added.

## Water System Information

Sewer District:      Kirkland          Northshore          Redmond          On Septic System

Water District:      Kirkland          Northshore          Woodinville          Bellevue

Distance from meter to most remote outlet (in feet): \_\_\_\_\_

Difference in elevation between meter and lowest fixture (in feet): \_\_\_\_\_

Difference in elevation between meter and highest fixture (in feet): \_\_\_\_\_

Pressure in street main (in psi, measured with a pressure gauge or check with water district): \_\_\_\_\_

## Fixture Unit Calculation

By using the alternate method of calculating fixture units, 'groups' of fixtures are used instead of individual fixtures, resulting in a lower fixture count.

2021 UPC Appendix C Table C 303.2 - Number of Plumbing Fixtures (including rough-ins)				
	Accessory Dwelling Unit	Main Residence	Fixture Count x Multiplier	Fixture Units
<b>Bathroom Groups</b> (A bathroom group consists of one water closet, up to two sinks, and either one bathtub or one shower. A half-bath or powder room, consists of one water closet and one sink)				
One Bathroom Group			x 5.0 =	
One and a Half Bathroom Groups			x 6.0 =	
Two Bathroom Groups			x 7.0 =	
Two and a Half Bathroom Groups			x 8.0 =	
Three Bathroom Groups			x 9.0 =	
<b>Additional Bathroom Groups</b> (for groups in addition to the above)				
Each additional Half-Bath or Powder Room			x 0.5 =	
Each additional Bathroom Group			x 1.0 =	
<b>Laundry Groups</b>				
Each Laundry Room (includes one Sink and one Clothes Washer)			x 5.0 =	
<b>Kitchen Groups</b>				
Each Kitchen Group (includes one Sink and one Dishwasher)			x 2.0 =	
<b>Additional Units</b> (fixtures and multipliers from Table 610.3)				
Each additional Shower Head			x 2.0 =	
Each Clothes Washer (without a laundry sink)			x 4.0 =	
Lawn Sprinklers (each head)*			x 1.0 =	
Bar Sink			x 1.0 =	
Hose Bibb, first			x 2.5 =	
Hose Bibb, additional			x 1.0 =	
			<b>Total Fixture Units*:</b>	

\* If the total fixture unit count exceeds 39, a 1" water meter will be due at permit issuance. A Water Capital Facility Charge will apply.

## Lawn Sprinkler Exception

Lawn sprinklers may be excluded from the fixture count and fixture unit count if the sprinklers are on a timer that operates only during periods of low water demand and the statement below is signed and dated.

I, \_\_\_\_\_, declare that the lawn sprinklers will be on a timer that will  
(Printed Name of Owner or Owner's Agent)  
 operate the sprinklers during periods of low demand only.

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