

WATER USE WORKSHEET

DISCUSSION:

Your current water service was sized according to the type and number of water-using fixtures and devices in the building. When plumbing fixtures are added, as often happens when alterations or additions are made to a building, it creates a greater demand on the water service, often requiring the water service to be upgraded.

INSTRUCTIONS: (Save time. Read and understand the instructions before you start!)

1. Walk through all the buildings and around your property, count the number of each type of water-using device listed below, and write the number in the **left** column (labeled *Exist*). We recommend you don't try to do the 'walk through' mentally. It's too easy to miss items this way. NOTE: Fixtures and devices which are already installed and will be moved to another location should be counted as "existing", not as "added."
2. On the plans, count the number of each type of water-using devices which will be added (or subtracted) as a result of the current project and write these numbers at the spaces in the column labeled *Added*.
3. On each line, add (or subtract) the numbers in the *Exist* and *Added* columns, and put the result in the *Sum* column.
4. On each line again, multiply the *Sum* number, times the number in the *Multiplier* column, and place the result in the **right** column (labeled *Fixture Units*). If you are getting confused, look at the example.
5. Add all the numbers in the **right** column (labeled *Fixture Units*) and place the result on the bottom line; labeled *Fixture Unit Total*.

---- Your Counts ----

Type of Fixture

Fixture

Exist Added Sum

Multiplier Units

<u> </u>	<u> </u> +	<u> </u>	<u> </u> =	<u> </u>	<u> </u> Example (do not include in your totals)	<u> </u> x3	<u> </u> =	<u> </u> 9
<u> </u>	+	<u> </u>	=	<u> </u>	Bar Sink	<u> </u> x 1	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Bathtub (with or without a shower in it)	<u> </u> x 4	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Bidet	<u> </u> x 1	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Clothes Washer	<u> </u> x 4	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Dish Washer	<u> </u> x 1.5	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Drinking Fountain	<u> </u> x .5	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Laundry Tub	<u> </u> x 1.5	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Lavatory (bathroom sink)	<u> </u> x 1	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Mobile Home	<u> </u> x 12	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Stall Shower (count each head)	<u> </u> x 2	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Sink (Kitchen sink or other sink)	<u> </u> x 1.5	=	----
<u> </u>	+	<u> </u>	=	<u> </u>	Toilet (water closet)	<u> </u> x 2.5	=	----

For water-using items not listed above, enter these below using the supply pipe size as the key factor. Where an item is supplied with both hot and cold water, count as one supply of the pipe size found. If the hot and cold water pipes are different sizes, count the larger of the two.

<u> </u>	+	<u> </u>	=	<u> </u>	3/8 inch	<u> </u> x 1	=	<u> </u>
<u> </u>	+	<u> </u>	=	<u> </u>	1/2 inch	<u> </u> x 2	=	<u> </u>
<u> </u>	+	<u> </u>	=	<u> </u>	3/4 inch	<u> </u> x 3	=	<u> </u>
<u> </u>	+	<u> </u>	=	<u> </u>	1 inch	<u> </u> x 6	=	<u> </u>

L FIXTURE UNIT TOTAL (sum of all above lines - except Example): _____