

# Indoor Water Audit

## Water Use Activity Chart (estimated gallons per use)

### Toilet:

Conventional	5.0
Low-Flow	3.5
Ultra Low-Flow	1.6

### Showerheads:

Conventional	5.0
Low-Flow	2.5

### Faucets:

Conventional	3.0
Low-Flow	2.5

### Washing Machines:

Conventional	37.0
Wash Recycle	26.0
Front Load	21.0
X-Axis	17.5

Water is used everyday to meet the growing demands of business and industry, the environment and individual people. Clean and reliable water supplies cost money to maintain and manage. There is more to clean water than turning on the tap!

Water conservation can save money on water and utility bills and reduce the cost for sewer and septic services. Saving water today will insure an adequate and clean water supply exists for tomorrow.

Use the worksheet below to determine your household's per-person consumption rate. This worksheet can also be used to determine if the possibility of leaks are present in your home. All figures and calculations are provided as an estimate to help you. If you need more specific information or further guidelines for helping complete a indoor water audit, please contact the City of Bremerton Utility Billing division at (360) 473-5316.

- STEP 1:** Read your water meter **before** using any water.
- STEP 2:** Keep track of **all** indoor water using activities for one day (24 hours).
- STEP 3:** Determine the number of gallons each water using activity uses from the chart to the left.
- STEP 4:** Read your water meter after one day (24 hours) and verify calculations.
- STEP 5:** Calculate the per-person consumption rate.
- STEP 6:** Conserve water to lessen your household's water consumption.

## Example

Beginning Meter Read **1000**

### Bathroom

Toilet	18 flushes	X	5 gal/flush	=	90 gal.
Sink	6 minutes	X	3 gal/min	=	18 gal.
Shower	25 minutes	X	5 gal/min	=	125 gal.

### Kitchen

Sink	6 minutes	X	3 gal/min	=	18 gal.
Dishwasher	1 cycle	X	15 gal/use	=	15 gal.

### Other

Laundry	1 cycle	X	37 gal/use	=	37 gal.
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### Total Use

**303 gal.**

Per-person Rate      303 gal / 3 people =  
101 gallons per person

Final Meter Reading **1303**

$$\underline{1303} = \underline{303} + \underline{1000}$$

Final Meter Reading      Total Use      Beginning Meter Reading

## Worksheet

Beginning Meter Read \_\_\_\_\_

### Bathroom

Toilet	_____ flushes	X	_____ gal/flush	=	_____ gal.
Sink	_____ minutes	X	_____ gal/min	=	_____ gal.
Shower	_____ minutes	X	_____ gal/min	=	_____ gal.

### Kitchen

Sink	_____ min	X	_____ gal/min	=	_____ gal.
Dishwasher	_____ cycle	X	_____ gal/use	=	_____ gal.

### Other

Laundry	_____ cycle	X	_____ gal/ues	=	_____ gal.
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### Total Use

\_\_\_\_\_ gal.

Per-person Rate      \_\_\_\_\_ gal / \_\_\_\_\_ people =  
\_\_\_\_\_ gallons per person

Final Meter Reading \_\_\_\_\_

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

Final Meter Reading      Total Use      Beginning Meter Reading

**NOTE:** Your final meter reading **should equal** your beginning meter read **plus** your total use. If this is not the case, you either used water outdoors and/or it is possible that you have a leak.