





# Chicago Conservation Corps (C3) SELF TEST AND HOMEWORK: WATER CLASS JUNE 10

## HOME WATER AUDIT

Figure out how much water your household uses in a week. This worksheet will help you, but it's not comprehensive or the only way. Please modify this worksheet to fit your needs. Have fun, be creative and get your family or roommates involved in monitoring.

See [www.h2ouse.org](http://www.h2ouse.org) for useful information about typical water consumption figures and the best ways to conserve water.

### Indoors

**Toilets:** \_\_\_\_\_ total flushes a week  $\times$  \_\_\_\_\_ gallons per flush = \_\_\_\_\_ gallons per week

*To figure out how many gallons per flush, carefully shut off the valve in the toilet tank supply line (DO NOT FORCE). Mark the water in the tank reservoir. Flush the toilet. Now, refill the tank reservoir using a graduated container to determine how much water is needed to flush the toilet. Don't forget to open the valve when you're done.*

### **Faucets:**

\_\_\_\_\_ minutes kitchen faucet use per day  $\times$  7  $\times$  \_\_\_\_\_ gallons per minute = \_\_\_\_\_ gallons per week

\_\_\_\_\_ minutes bathroom faucets use per day  $\times$  7  $\times$  \_\_\_\_\_ gallons per minute = \_\_\_\_\_ gallons per week

\_\_\_\_\_ minutes other faucet use per day  $\times$  7  $\times$  \_\_\_\_\_ gallons per minute = \_\_\_\_\_ gallons per week

*Run faucets into bucket for 10 seconds and multiply by 6 to calculate gallons per minute for each faucet.*

### **Showers/baths:**

\_\_\_\_\_ total minutes spent in shower per week  $\times$  \_\_\_\_\_ gallons per minute = \_\_\_\_\_ gallons per week

\_\_\_\_\_ total baths per week  $\times$  \_\_\_\_\_ gallons the bathtub holds = \_\_\_\_\_ gallons per week

*Check manufacturing information or place bucket under the faucet/showerhead.*

**Dishwasher:** \_\_\_\_\_ runs per week  $\times$  \_\_\_\_\_ gallons per run = \_\_\_\_\_ gallons per week

*Check manufacturing information.*

**Washing machine:** \_\_\_\_\_ runs per week  $\times$  \_\_\_\_\_ gallons per run = \_\_\_\_\_ gallons per week

*Check manufacturing information.*

### **Other indoor water use:**

### Outdoors in Summer

**Watering lawn:** \_\_\_\_\_ minutes sprinkling  $\times$  \_\_\_\_\_ gallons/minute = \_\_\_\_\_ gallons per week

*If you use an automatic sprinkler system, check manufacturing information; if use a hose-end sprinkler, run hose into a bucket for 10 seconds and multiply by 6 to calculate gallons per minute for each faucet.*

**Other outdoor water use (i.e. swimming pool, washing car, etc.):**

### Wrap-up

How many gallons of water does your household use in an average week in summer?

Per person?

Per year?

Are any toilets or faucets leaking? (Do a dye test of your toilet if you're not sure.)

How can you start conserving water today?

How can you start conserving water long-term?

