BLM 5A Teacher/Student Resource

**Grade 4/5, How Much Water Do You Use?**

The following is a sample of the Philips Family’s water usage as it has been calculated on the *Home Water Works* (http://www.home-water-works.org/calculator) water calculator.

In order for a student to calculate the water usage for his or her family, a series of questions must be answered. Look to page 4 for the questions that are posed. The student may require the support of a parent at home to help complete this activity.











Responses to Questions

**General Questions**

In what year was your home (or apartment/condo building) built?: in or before 1995

How many people live full time in your home?:  4

What is your US zip code or Canadian postal code?:  \_ \_ \_ \_ \_ \_ \_

Do you use water outdoors to irrigate the landscape or fill up a pool or spa?: yes

Please estimate the size of your irrigated landscape.: small (1000 - 3000 square feet)

**Bathroom Questions**

I turn off the faucet while brushing my teeth or doing other tasks.:  yes

I have installed a water-reducing, low-flow faucet aerator in my bathroom.: no

Have the toilets in your home been replaced since 1995?:  no

Were the toilets in your home manufactured before 1980?: no, the toilets in my home were manufactured between 1980 and 1995

Do any of the toilets in your home leak or get stuck so that water continually flows until adjusted?:  no

The typical person in my household takes \_\_ showers per week at home.:  3

I have installed WaterSense-labeled showerheads in my home.: no

I take \_\_ baths per week at home.: 1

**Kitchen Questions**

There is a dishwasher in my home.:  yes

I have installed a new ENERGY STAR water-efficient dishwasher since 2006.:  no

I run the dishwasher \_\_ times per week.:  6

**Garage Questions**

Do you wash your clothes in a washer or by hand?: clothes washer

My household typically washes \_\_ loads of laundry per week.: 5

Please indicate the type of washer you use to clean your clothes.:  newer top-loading clothes washer

**Outdoor Questions**

Do you have an in-ground irrigation system?:  no

How frequently do you water your landscape during the warm/dry part of the year?: 2-3 times per week

Your landscape factor.:  0.927

**Carbon Footprint Questions**

Who supplies water to your home?: the local water utility

How is your water heated in your home?:  gas

Your carbon footprint is 3175 ilsCO2/year.