

**CITY OF LAWRENCEVILLE  
WATER DEPARTMENT  
RESIDENTIAL WATER AUDIT CHECKLIST**

**Service Meter**

- Calibration/flow test
- Leak Test
- Report findings to plumber if necessary

**Kitchen**

- Check faucet flow rate
- Install aerator or flow restrictor
- Check for drips or leaks

**Bath**

Shower

- Check showerhead flow rate
- Install low-flow showerhead or flow restrictor
- Check for drips or leaks

Sinks

- Check faucet flow rate
- Install aerator or flow restrictor
- Check for drips or leaks

Toilets

- Check for leaks
- Clean or replace flapper
- Check the adjustment of the float arm
- Install retrofit devices

**Outside Water Use (irrigation systems)**

- Measure flow rate of sprinklers
- Check for leaks in the sprinkler, hose or sprinkler system
- Check the position of the sprinklers
- Learn about efficient watering techniques

## **Explanation of water audit:**

### **Service Meter:**

- You may wish to have a plumber or your local water purveyor assist you in performing this portion of the test.

### **Kitchen:**

- Flow rate can be checked by first choosing a glass or cup that is a specified capacity, i.e. 1 cup, 4 cups, etc... Turn the faucet on and fill the glass or cup to the top of the container while noting the exact time it takes to fill the container. Then convert the size container to gallons (16 cups is equal to 1 gallon). Next convert the time to fill the container to minutes (60 seconds is equal to 1 minute). You will then be able to figure the flow rate is gallons per minute.
- Faucet aerators can be purchased at any home repair store.

### **Bath:**

- Flow rate can be checked by first choosing a glass or cup that is a specified capacity, i.e. 1 cup, 4 cups, etc... Turn the faucet on and fill the glass or cup to the top of the container while noting the exact time it takes to fill the container. Then convert the size container to gallons (16 cups is equal to 1 gallon). Next convert the time to fill the container to minutes (60 seconds is equal to 1 minute). You will then be able to figure the flow rate is gallons per minute.
- Faucet aerators or low flow showerheads can be purchased at any home repair store.
- You may wish to contact a plumber to assist you in performing leak detection for toilets or for replacing toilet flappers.

### **Outside water use:**

- You may wish to contact an irrigation contractor to assist you in performing leak evaluation on your irrigation system.
- You can easily check the positions of the sprinkler heads by watching the sprinkler system in operation. Make sure the sprinklers do not overlap their pattern.