

LEARN HOW TO SAVE WATER AT HOME. BROUGHT TO YOU BY THE CITY OF BOZEMAN WATER CONSERVATION DIVISION.

CALLING ALL DRIP DETECTIVES

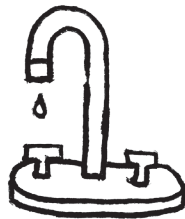
Every March, leak seekers unite to help save water during Fix-A-Leak week with the City of Bozeman's free find and fix leak kits. Do you hear a drip, drip, drip in your house? If so, you're ready to join the leak team any week of the year.

Track Your Taps

Here's a not-fun faucet fact: a dripping tap can waste over 3,000 gallons of water a year. That's enough water to fill seven hot tubs! With this quick house hunt for leaky faucets, you'll see how much water your family can save each year.

Items needed:

- a timer or clock with a second hand
- the table provided here
- a pencil or pen



Instructions:

1. Using the table as your guide, walk through your house and listen for drips.
2. If you hear a drip, check the box and grab your timer.
3. Use the timer to measure how many drips you hear in one minute.

For each leaky faucet in your home, use this equation to determine how many gallons drip down the drain each year:

$$\frac{\text{drips/minute}}{\text{minutes}} \times 60 \times \frac{\text{drips/year}}{\text{hours}} \times 24 \times \frac{\text{drips/year}}{\text{days}} \times 365 = \text{drips/year}$$

$$\frac{\text{drips/year}}{10,000 \text{ drips (number of drips in a gallon)}} = \frac{\text{gallons/year wasted from leaks}}{1}$$

	drips/minute	drips/year	gallons/year
Bathroom			
Kitchen			
Laundry room			
Other			

Free Fix-A-Leak Kits

Includes helpful household leak detecting and repair items and the Practical Plumbing Handbook.

Pick up at the City of Bozeman Water Conservation Office or call us at 406-582-3220 to reserve yours. While supplies last.

Leaky Loo Test

Toilet leaks are major water wasters—as much as 200 gallons every single day! Test your toilet's gush per flush with this simple activity.

Items needed:

- a toilet dye tab from the City of Bozeman FREE Fix-A-Leak Kit (or a couple drops of food coloring)
- a helpful grown-up
- a clock or watch
- your toilet



Instructions:

1. With the help of a grown-up, remove the toilet's tank lid.
2. Place one toilet dye tab in the tank. Do not flush the toilet.
3. Wait 10 minutes. If the dye color appears in the bowl, you've got a leaky loo!
4. Flush the toilet immediately after the experiment to avoid staining the tank or bowl.

Refer to pages 22-30 of the Practical Plumbing Handbook in your Fix-A-Leak Kit to learn how to repair your leaky loo.

Using the items in the FREE Fix-A-Leak Kit, you can help your grown-up tighten taps, save water, and add some money to the family piggy bank.

Send us your completed activity sheet to waterconservation@bozeman.net and we will send you a Kid's Water Conservation Kit (while supplies last).