VIRTUAL FIX A LEAK FAMILY 5K
RACE PACKET

RACE INFORMATION:

The Fix a Leak Family 5K is a family-friendly annual race for City of Charlottesville and Albemarle County residents that brings awareness and attention to our rivers as a means of recreation and conservation.

Information on tackling water leaks in your home, as well as general water conservation tips, resources, and rebates, are included in this race packet as part of the water conservation efforts of the City of Charlottesville, Albemarle County Service Authority, and Rivanna Water and Sewer Authority for Fix a Leak Month.

This race is free and virtual, so you can do it on your own during the month of March. Included in this packet are some suggested routes from previous Fix a Leak Family 5K Races. When you register and submit your time for this 5K, you will be entered to win one of several special water conservation prizes if you are a City of Charlottesville or Albemarle County resident.

Keep in mind we also have two other events happen this month, the Home Scavenger Hunt and River Scavenger Hunt, check out these scavenger hunt sheets as part of our race packet to help you FIX A LEAK!

REGISTRATION:

Registration for the Fix a Leak Family 5K will be open through March 31st, and to register go to:
https://runsignup.com/Race/VA/Charlottesville/VirtualFixaLeak5K

COST:

This race is **FREE** and targeted for the City of Charlottesville and Albemarle County community. Because this race is free, all materials for this race will be distributed digitally.

RULES:

Please follow Virginia state rules for COVID-19 and if you are running in a City and County park, follow their specific rules as well. Please wear a mask while running/walking and stay 6 feet away from others. Only those that live in the City of Charlottesville and Albemarle County will have their results count toward our race and be entered to win a prize.

- City of Charlottesville Parks and Recreation COVID-19 Updates (Link)
- Albemarle County Parks and Recreation COVID-19 Updates (Link)
- Virginia State COVID-19 Updates (Link)

RACE ROUTES:

There is no official 5K race route. We have included three 5K race courses from our previous Fix a Leak Family 5Ks. These race courses will NOT be marked and the mile marker points on the maps are approximate. All the suggested 5K routes will take you along the Rivanna River!

SUBMIT YOUR RESULTS:

You can submit your 5K race results anytime for the month of March (**Deadline to submit results: March 31st at 11:59pm ET**). You are not required to submit your results; however, if you do submit your results, you will be entered into a drawing for a special prize. Once you register for the 5K, you will be able to submit your results online through the registration site. Only participants from the City of Charlottesville and Albemarle County are eligible for the special drawing and listed as a top finisher for the race.

> **Check out these directions on how to submit your virtual 5K results:**
> https://runsignup.com/Race/CoronavirusforParticipants/Page-7

SUBMIT YOUR PHOTOS:

Participants from the City of Charlottesville and Albemarle County are encouraged to submit photos participating in our Virtual Fix a Leak Family 5K. You can post them directly to our race website, the Facebook Event Page, or email them the event coordinator. We will be showcasing some of our favorites on social media and website.

MATERIALS INCLUDED IN THIS YOUR PACKET:

- Past Fix a Leak Family 5K Routes (PDF)
- Fix a Leak Month Home Scavenger Hunt (PDF)
- Fix a Leak Month River Scavenger Hunt (PDF)
- Fix a Leak 10 Minute Challenge Checklist (PDF)
  - Click here to view the Fix a Leak 10 Minute Challenge Checklist in Spanish (PDF)
- City of Charlottesville and Albemarle County Service Authority Rebates & Incentives (PDF)

IMPORTANT LINKS:

- **Fix a Leak Main Website:** Charlotteville.gov/FixALeak
- **5K Registration Website:** https://runsignup.com/Race/VA/Charlottesville/VirtualFixaLeak5K
- **Fix a Leak Month Facebook Event:** https://fb.me/e/1VytMbxJ3

QUESTIONS:

Please email the Fix a Leak Month Coordinator at: waterconservation@charlottesville.gov.

Fix a Leak Family 5K

2020 Race Course— Start at Free Bridge

Note : Race distance and distance markers are approximate.

Keep an eye out for the River Scavenger Hunt Information Signs along the Rivanna before you finish your 2nd mile!
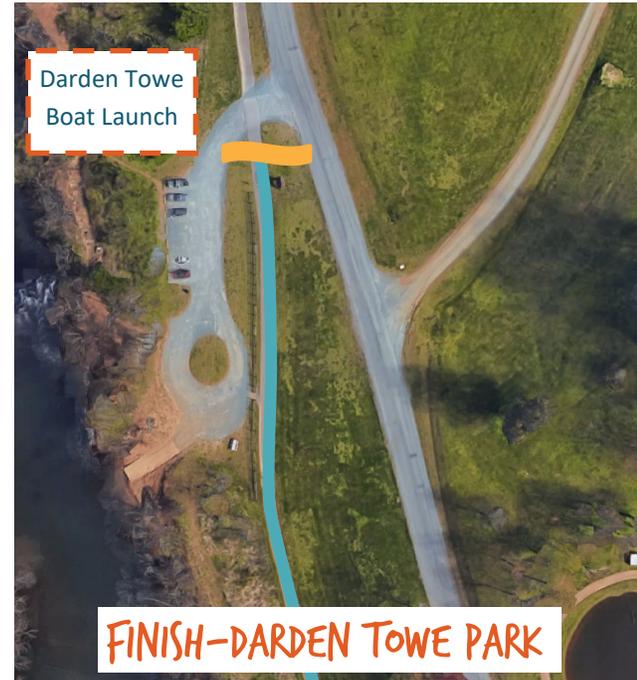
START & FINISH – FREE BRIDGE

3

1   2

START & FINISH

TURN AROUND AT RIVERVIEW PARK

RIVERVIEW PARK

Chase Those Leaks Away!

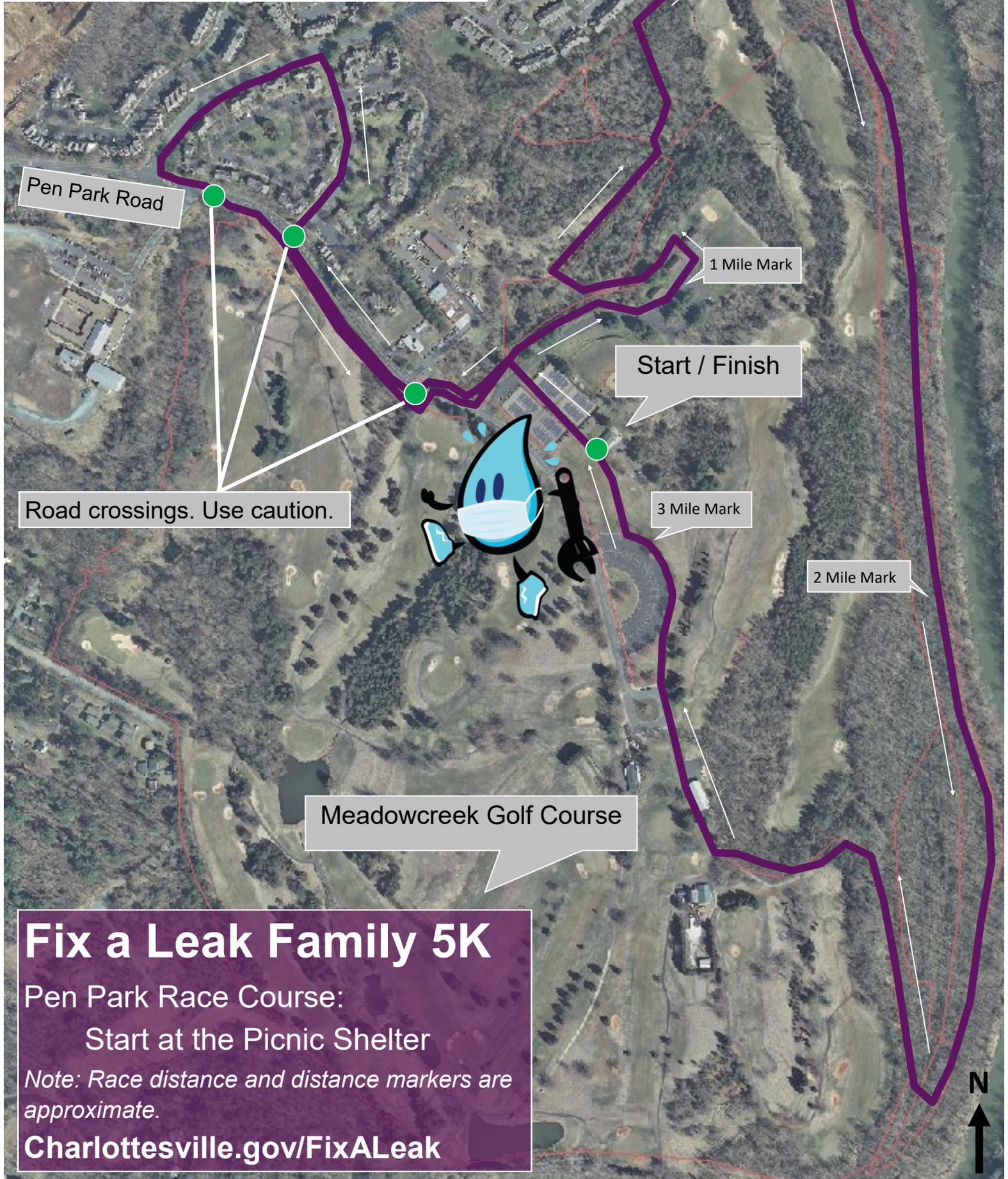www.charlottesville.org/fixaleak

Fix a Leak Family 5K

2019 Race Course- Riverview to Darden Towe Park

Note: Race distance and distance markers are approximate.
Keep an eye out for River Scavenger Hunt Information Signs along the Rivanna River near Riverview and Darden Towe Park.

FINISH–DARDEN TOWE PARK

3

Darden Towe
Boat Launch

FINISH–DARDEN TOWE PARK

2

1

Make 1 Lap

START–RIVERVIEW PARK

START–RIVERVIEW PARK

Chase Those Leaks Away!

We're Chasing Leaks for Fix a Leak Week
EPA WaterSense

Pen Park Road

1 Mile Mark

Start / Finish

Road crossings. Use caution.

3 Mile Mark

2 Mile Mark

Meadowcreek Golf Course

Fix a Leak Family 5K

Pen Park Race Course:
    Start at the Picnic Shelter

Note: Race distance and distance markers are approximate.

Charlottesville.gov/FixALeak

N

Fix a Leak
Home Scavenger Hunt

This Fix a Leak month go on a water scavenger hunt in your home. Complete everything and submit your answers by April 9th to be entered in to win a special water saving prize!

Find the gallons per minute (gpm) of your showerhead. _____

Does it have a WaterSense label?   YES   NO

Find the gallons per minute (gpm) of a faucet aerator. _____

Does it have a WaterSense label?   YES   NO

Find the gallons per flush (gpf) of your toilet. _____

Does it have a WaterSense label?   YES   NO

Who is the water wholesaler that cleans and treats the drinking water for City of Charlottesville and Albemarle County Service Authority (ACSA)?

_____   Hint: rivanna.org

How much is the City and ACSA rebate for replacing an old toilet with a WaterSense labeled toilet? _____

Hint: Charlottesville.gov/WCRebates
serviceauthority.org

How much is the City and ACSA rebate for installing a rain barrel? _____

Take the WaterSense 10-Minute Leak Challenge
Charlottesville.gov/FixALeak

Did you find and fix a leak?   YES   NO

Name: _____

E-mail: _____   **Phone Number:** _____

Where do you Live: City of Charlottesville   Albemarle County

Submit your Responses by April 9th:
Online: Charlottesville.gov/FixALeak
By Mail or Drop Box: With your Utility Bill to the City or ACSA

Charlottesville.Gov/FixALeak

Fix a Leak
River Scavenger Hunt

This Fix a Leak month go on a water scavenger hunt along the Rivanna. Complete everything and submit your answers by April 9th to be entered in to win a special water saving prize!
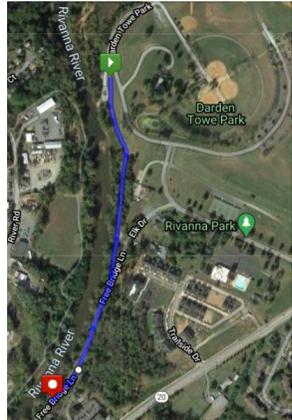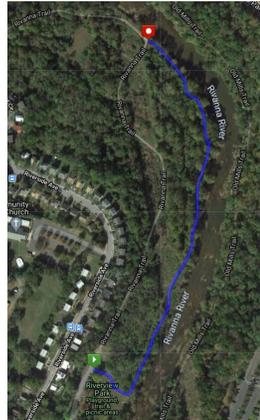
Directions: Find water and leak related signs along the Rivanna River that will help you fill in important missing information on your scavenger hunt worksheet. You will see lots of signs along the trail with interesting information. Look for Detective Flo for signs that might help you on your scavenger hunt. Fill in all the missing text and submit your worksheet by April 9th to be considered for a special prize!

Important Reminder: Please follow park rules and social distance rules. Wear your mask and stay 6 feet apart from other park users.

Locations: The Rivanna River Trail from Riverview Park or Darden Towe Park

Riverview Park

298 Riverside Ave.
Start at the park's entrance and take the path along the Rivanna River.

Darden Towe Park

1445 Darden Towe Park
Start at the boat launch and take the path along the Rivanna River.

If you can't get to the Rivanna River, check out our virtual Rivanna River Walk to experience the Rivanna River and see all the water and leak related signs. Charlottesville.gov/FixALeak

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Submit your Responses by April 9th:

ONLINE: Charlottesville.gov/FixALeak
BY DROP BOX: City Hall (605 East Main St.) & ACSA (168 Spotnap Rd.)
BY MAIL: Water Conservation, 305 4th St. NW, Charlottesville, VA 22903

Charlottesville.Gov/FixALeak

- The average household leak can account for nearly _____ gallons of water wasted every year, or the amount of water needed to wash 270 loads of laundry.

- Fixing easily corrected household water leaks can save homeowners about _____ on their water bills.

- If the average family replaces its older, inefficient toilets with new WaterSense labeled ones, it could save _____ gallons of water per year.

- A running toilet could be wasting _____ gallons of water or more every day! Take the 10-Minute Leak Challenge and check your toilet for leaks! *(Charlottesville.gov/FixALeak)*

- The urban reservoirs for the Charlottesville area have the capacity to store _____ gallons of water.

- The average water provided to the urban water system of the Charlottesville area is _____ gallons of water a day. *(in 2019)*

- Rivanna Water & Sewer Authority performed _____ water lab tests to ensure water quality in the City of Charlottesville and Albemarle County is safe and meets or exceeds federal and state regulations.

- In 2020, The City of Charlottesville and Albemarle County Service Authority issued _____ WaterSense toilet rebates to their customers for replacing old, inefficient toilets with WaterSense labeled toilets.

- In 2020, the City of Charlottesville and Albemarle County Service Authority issued _____ rain barrel rebates to their customers for installing rain barrels and reducing their water waste outside.

- The City of Charlottesville and Albemarle County Service Authority offer _____ water conservation kits to all their utility customers, which include WaterSense labeled showerheads and faucet aerators.
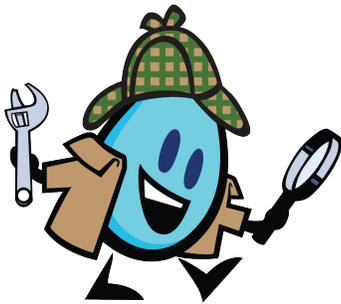
Name:_____

E-mail:_____ **Phone Number:**_____

Where do you Live: City of Charlottesville Albemarle County

Take the WaterSense Challenge

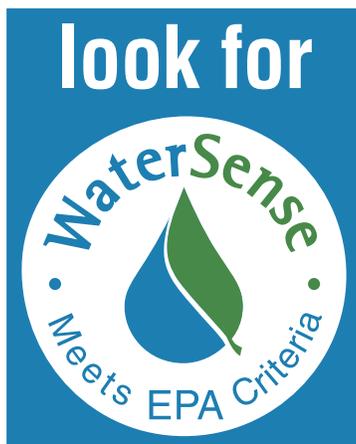# DETECT AND CHASE DOWN LEAKS

Did You Know

that easy-to-fix water leaks account for nearly 1 trillion gallons of water wasted each year in U.S. homes? In fact, the average household leaks nearly 10,000 gallons of water per year, or the amount of water it takes to wash 300 loads of laundry, and could be costing you an extra 10 percent on your water bills.

In just 10 minutes, you can search your home for leaks and crack down on water waste. Many common household leaks are quick to find and easy to fix. Worn toilet flappers, dripping faucets, and leaking showerheads all are easily correctable and can save on your utility bill expenses and water in your community.

So put on your detective hat, lace up your running shoes, and take this 10-minute challenge to detect and chase down leaks!

https://www.epa.gov/watersense/fix-leak-week

Check out Fix a Leak information in Cville:
www.charlottesville.gov/FixALeak

look for

WaterSense
Meets EPA Criteria

Start by Gathering Clues

These clues can help you detect leaks before you even start investigating your home.

1 Check Your Utility Bill

A place to start is to examine your utility bill for January or February. It's likely that a family of four has a serious leak problem if its winter water use exceeds 12,000 gallons (or 16 CCF) per month. You can also look for spikes—is your water use a lot higher this month than it was last month? Learn more about your water bill:
www.epa.gov/watersense/understanding-your-water-bill.

City of Charlottesville: www.charlottesville.gov/610/My-Account
ACSA: www.serviceauthority.org/pay-my-bill

2 Read Your Water Meter

Find your water meter, which is usually near the curb in front of your home but can be inside your home (e.g., in the basement) in cold climates. Use a screwdriver to remove the lid on your meter, which is heavy and usually marked "water."

Now that you've found the meter, take a reading during a period when no water is being used. If the meter does not read exactly the same after two hours, you probably have a leak. Here's a tip on how to read a water meter:
www.smarthomewaterguide.org/how-to-read-your-water-meter.

City: www.charlottesville.gov/649/Service-Ownership
ACSA: www.serviceauthority.org/wheres-my-meter

3 Take a Toilet Test

Put a few drops of food coloring into the tank at the back of your toilet and let it sit for 10 minutes. If color shows up in the bowl, you have a leak. Make sure to flush afterward to avoid staining, and consider replacing your old toilet flapper if it is torn or worn. Check our Fix a Leak web page for handy videos that show you how to do it.

While you're waiting to see if your toilet has a leak, walk around your house with the checklist on the next page and see if you can chase down any other water wasters.

Pick up **FREE** toilet leak detection dye tablets at the City's Utility Billing Office at City Hall or at ACSA.

epa.gov/watersense

Checklist for Chasing Down Leaks

Here are some of the places leaks may be hiding in your home.

Some leaks require a simple fix—a worn toilet flapper, loose pipe connection, or showerhead with stray spray. But you may want to consult a licensed plumber to stop your running toilet, broken sprinklers, water heater drips, or malfunctioning water supply lines. Take a quick inventory of clues to water waste:

IN THE BATHROOM

- [ ] **Toilets:** Listen for running water and conduct the food coloring test described on the first page.

- [ ] **Faucets:** Listen for drips and turn on the tap to check for water going the wrong direction.

- [ ] **Showerheads:** Turn on and look for drips or stray sprays that can be stopped with tape.

- [ ] **In the tub:** Turn on the tub, then divert the water to the shower and see if there's still a lot of water coming from the tub spout; that could mean the tub spout diverter needs replacing.

- [ ] **Under the sink:** Check for pooling water under pipes and rust around joints and edges.

IN THE KITCHEN

- [ ] **Faucet:** Listen for drips and tighten aerators or replace fixtures if necessary.

- [ ] **Sprayer:** Check to make sure water is spraying smoothly and clean openings as needed.

- [ ] **Under the sink:** Check for pooling water under pipes and rust around joints and edges.

- [ ] **Appliances:** Check for pooling water underneath dishwashers and refrigerators with ice makers, which could indicate a supply line leak.

The City of Charlottesville & Albemarle County Service Authority offer FREE water conservation kits with water saving fixtures for your bathroom and kitchen.
Charlottesville Resources: www.charlottesville.gov/WCIndoors

IN THE LAUNDRY OR UTILITY ROOM

- [ ] **Under the sink:** Check for pooling water under pipe connections.

- [ ] **Clothes washer:** Check for pooling water, which could indicate a supply line leak.
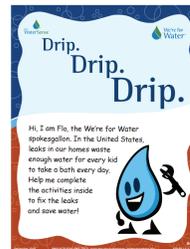
IN THE BASEMENT OR UTILITY ROOM

- [ ] **Water heater:** Check beneath the tank for pooling water, rust, or other signs of leakage.

DON'T FORGET TO GO OUTSIDE

- [ ] **At the spigot:** Ensure tight connections with the hose and see if the hose washer needs replacing.

- [ ] **In-ground irrigation system:** Check for broken sprinklers or nozzles spraying in the wrong direction. You may want to consult an irrigation auditor certified by a WaterSense labeled program to improve system efficiency: www.epa.gov/watersense/find-pro.
Charlottesville Resources: www.charlottesville.gov/WCOutside

FOR THE KIDS

Kids aren't just the leaders of tomorrow, they're the dreamers and doers of today. "Test Your WaterSense" and try other fun activities at Flo's Kids Zone at: www.epa.gov/watersense/watersense-kids.
Charlottesville Resources: www.charlottesville.gov/WCSchools

THROUGHOUT THE HOUSE

Check for signs of moisture or mold on your walls, ceilings, or floors. This could indicate that a pipe is wreaking havoc behind the scenes and requires the attention of a professional.

If you want to do a more detailed investigation for leaks, check out the Arizona Municipal Water Users Association Smart Home Water Guide at www.smarthomewaterguide.org.

If any of your fixtures needs replacing, remember to look for the WaterSense label when purchasing plumbing products. WaterSense labeled products are independently certified to use at least 20 percent less water and perform as well or better than standard models.

For more information, visit www.epa.gov/watersense/fix-leak-week.
**City: www.charlottesville.gov/WaterConservation
ACSA: www.serviceauthority.org**

MARK AN X FOR LEAKS

Albemarle County Service Authority
Serving ● Conserving

Don't forget the City of Charlottesville & Albemarle County Service Authority offers $100 toilet rebates when you replace your old toilet with a new WaterSense labeled toilet!

epa.gov/watersense

Water Conservation Rebates & Incentives

DID YOU KNOW that residents of the City of Charlottesville and customers of Albemarle County Service Authority have access to FREE water saving resources and water conservation rebates!?

FREE Water Conservation Kits

- A WaterSense labeled showerhead,
- WaterSense labeled faucet aerators,
- Toilet leak detection dye tablets,
- And more!
- Pick up at City Hall and ACSA.

$100 WaterSense Toilet Rebate

- $100 for replacing each water wasting toilet with a WaterSense labeled toilet (up to 3 toilets).
- Check the City or ACSA website for rebate forms.

$30 Rain Barrel Rebate

- $30 for installing a rain barrel (up to 2) for harvesting water for uses like lawn or garden needs.
- Check the City or ACSA website for rebate forms.

City of Charlottesville
Charlottesville.gov/WaterConservation

Albemarle County Service Authority
serviceauthority.org

Charlottesville.Gov/FixALeak