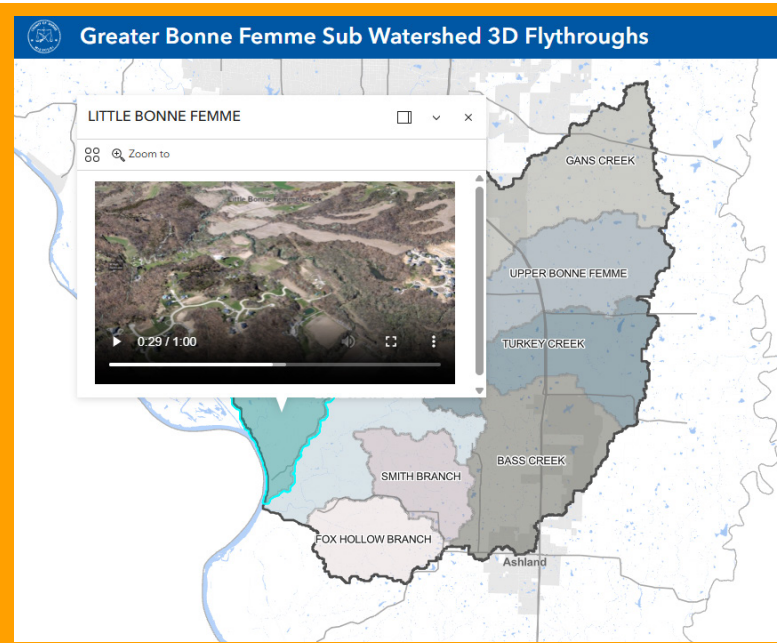


Stormy Day Review

Bonne Femme Buzz

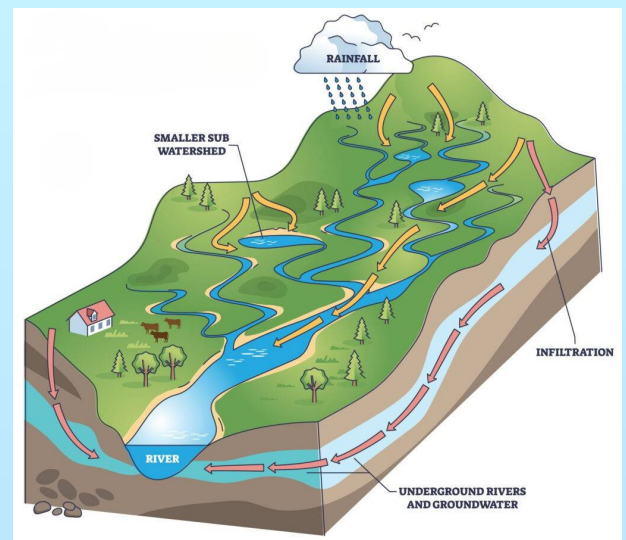
Explore streams and watersheds across the Greater Bonne Femme Watershed with a bird's-eye perspective.

The GIS team developed **3D Flythrough videos** by overlaying ortho mosaic imagery onto a digital elevation model (DEM). Data was clipped to each subwatershed boundary. The flythrough was created by setting camera points at specific angles, simulating a smooth 'flight' through the area. Clicking on any subwatershed on the map allows you to watch the flythrough progress downstream. This aerial view offers a clear look at land use and tree cover within riparian corridors.



What is a Watershed?

A watershed is an area of land that drains or “sheds” water into a specific waterbody. Every body of water has a watershed. Watersheds drain rainfall and snowmelt into streams and rivers. These smaller bodies of water flow into larger ones, including lakes, bays, and oceans. Gravity helps to guide the path that water takes across the landscape.



Discover what watershed you're in:

Local: <https://www.como.gov/watersheds/>

National: <https://apps.nationalmap.gov/viewer/>

Draining your Pool at Home

THE SAFE WAY!

Before you drain, make sure that your pool water is safe before emptying its contents!

Draining pool water may seem harmless, but it can have serious **environmental consequences**. Pool water often contains chlorine, salts, algaecides, and other chemicals that are toxic to aquatic life. When discharged improperly, **these pollutants can harm fish and other local wildlife, disrupt ecosystems, and degrade water quality.**

Steps to safely drain your swimming pool water

1. **Check** to see if you actually need to drain your swimming pool! Draining swimming pools shouldn't be a routine task, so see if draining is necessary beforehand.
2. **Test your water!** Use pool test strips or kits, or visit your local pool store to test your water. This is the best way to know what is in your water and how to avoid environmental harm.
3. **Look** at local regulations on water disposal.
4. **Shut off** all pool equipment, and cease any chemical additions for about a week.
5. **Dechlorinate** & adjust pH level if needed.
6. **Find** an appropriate place to drain. This can be your lawn where the water can slowly percolate into the soil.
7. **Drain gradually**, do not drain your pool all at once.

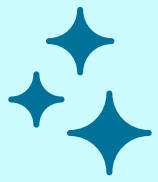
In Boone County, discharging swimming pool water into the municipal separate storm water sewer system or any water source is an **illegal discharge** if the water is chlorinated more than 1 ppm.

When you need to drain your swimming pool, the best practice is to first treat and dechlorinate the water.

Ways to Dechlorinate

- 1) Use a commercial dechlorination product
- 2) Turn off chlorinates and allow your pool water to sit in the sun for 5-10 days to allow for sunlight to naturally break down the chlorine.
- 3) Add Sodium Thiosulfate to neutralize the chlorine.





Creek Week Recap!

Litter Clean Up

Creek Week began with a street litter clean up, helping keep trash out of a local waterways!



Nature Hike

Led by a park naturalist, hikers waded in Gans Creek and hiked on trail, seeing aquatic animals, and learning about amazing plant species and wildlife in the area.



Nature Meditation

This Guided Nature Meditation allowed participants to embrace mindfulness and heighten connection to the natural world.



Ragtag Movie Night and Panel Discussion

This free film showing featured a Missouri town that is using compost to restore damage to the land caused by lead and zinc mining.



Fishing Night

At Boone County Nature School people of all ages had the opportunity to learn fishing basics!



Explore Native Plants

Visitors got a free native plant while supplies lasted. Grow Native showed how native plants can benefit soil and water.



Springs/Wells Tour

The Historic Preservation Commission President, took participants on guided walking tour of historic springs and wells in Columbia, starting at Flat Branch Park and through downtown



Water Festival

Creek Week ended with the Water Festival, where families could water color paint, learn about the Greater Bonne Femme Watershed Initiative, see the relationship between water and erosion, and much more!

REGENERATIVE CROPLAND & GRAZING MANAGEMENT WORKSHOP

SEPTEMBER 1ST & 2ND
COLUMBIA, MO

FOR CROPLAND, PASTURELAND, & GRAZING MANAGEMENT

Higher input costs and shrinking margins don't have to define your operation. Join **Understanding Ag consultants Rodney Saunders and Luke Jones** for a hands-on workshop focused on **building healthier soils, more resilient pastures, and a more profitable farm**. Learn proven regenerative strategies through morning classroom sessions and afternoon **field demonstrations**.

WHO SHOULD ATTEND

- All agriculture producers interested in increasing profitability in your operation.
- People interested in restoring soil health to grow nutrient dense grains, beef, produce, and life in your land.

SEPTEMBER 1ST & 2ND

9:00 AM-4:30 PM each day

(Check-In 8:30AM)

LUNCH PROVIDED BOTH DAYS

LOCATION:

Jefferson Farm and Garden

4800 E New Haven Rd.

Columbia, MO 65201

WHAT YOU'LL LEARN

- Increase profitability
- Design appropriate cover crop mixes for your farm
- Drought proof your farm & build resiliency
- Reduce input costs
- Use less hay and silage
- Extend the grazing season
- Make farming & ranching enjoyable again

TUITION IS FREE

Registration required for meal planning

<https://understandingag.regfox.com/workshop-columbia-mo>

For More Information Contact:

701-425-1295

info@UnderstandingAg.com

SCAN HERE



TO REGISTER!



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES



UnderstandingAG

Watershed Heroes: Hinkson Creek Cleanup

Each spring, when the water levels in Hinkson Creek are just right, a group of volunteers led by Elke Boyd comes together to spend a morning cleaning the creek. This spring, they held the 9th Annual Hinkson Creek Clean-up, canoeing along the creek and picking up trash as they went downstream.

Traveling downstream with five boats, they cleaned from Business Loop 70 East to Broadway, collected over a ton of garbage, and helped keep the creek clean by removing waste from the stream. They made the environment healthier, earning them the title of watershed heroes for this edition of the Stormy Day Review!



Quick Quiz

Take this quick quiz at <https://forms.cloud.microsoft/g/asTJ8WzhE5>, or email it to Stormwater@boonemo.gov with your answers by **August 21**. **Participants can win a water bottle and rain gauge!**

1. What did the GIS team develop, highlighted in the Bonne Femme Buzz?
 - a. 3D Flythrough videos
 - b. A new form of pasta
2. What was an event during Creek Week? _____
3. How much trash was collected during the Hinkson Creek cleanup? _____