



September 8, 2018

is our next sampling date

Reminder to contact [Lynn](#) 513-615-2538 or [Teresa](#) 513-706-8991 if you cannot sample.

Sampling Reminders

- Keep the cooler lid closed as much as possible
- Remember to grab bottles for the following month. It's always helpful to have a spare bottle in case one accidentally jumps into the creek.
- Provide labels that say dry, or too low to sample, if that is the case.
- Remember to sign in your samples in the lock box then place your sample in the cooler.
- Please mark the time and date on your labels of when you collected the sample. None of the sample times should be the same unless you are a time traveler.
- Sign your sample into the cooler with the drop off time.
- **Duplicate samples** - when you sign them into the cooler, put the number "2" next to the sample ID.
- **Duplicate samples** - use the month that is on the label. Remember to talk to Teresa if you will be out of town that month and she can switch dates for you.

Erosion Control & Stormwater Field Day

Thursday, September 27, 2018

BB Riverboats, 101 Riverboat Row, Newport, KY 41071

Cost: \$50 (includes, refreshments and river boat lunch cruise)

Plan on joining us aboard a river boat to learn how developers and contractors can meet sediment erosion control and storm water BMP requirements that protect local waterways. This day-long workshop will begin on land with

demonstrations of BMPs led by experts eager to answer questions and share their knowledge.

Attendees will then board the Belle of Cincinnati River Boat for lunch and speaker sessions about



industry regulations and trends. CEUs will be offered.

Find out more and register at www.savelocalwaters.org/erosion.html

Poultry College

AKA Backyard Chicken Class

Oct 22, Oct 29, and Nov 5

6- 8:30 pm

At Butler SWCD

1802 Princeton Rd, Hamilton, Oh 45011 ([map](#))

Save the dates as the details are still being finalized. More details about registration will be posted at www.ButlerSWCD.org

This Poultry College is aimed at homeowners who plan to, or already, own backyard chickens. Topics will include:

- Choosing your flock
- Housing your flock
- What to do with poop
- Health
- Flock care
- Biosecurity
- Marketing products
- Processing
- Butler County rules and regulations



More Information & Registration

Contact Brady Smith, 513-887-3720, or at smithbe@butlercountyohio.org



Common Water Snake

Common water snakes are the most abundant and highly distributed snakes in Ohio. There are over 200 species of water snakes and 38 genus. The most predominant genus of water snake in North America is the *Nerodia sipedon* which is made up of eleven different species. They are able to live in and around any permanent body of water in Ohio regardless of the depth of water or pollution in the water.

Most people who see water snakes will confuse them with a water moccasin (cottonmouth). In Ohio, it's easy to know the difference, water moccasins are not found here, Unlike the water moccasin common water snakes aren't venomous but they will still bite if harassed. Water snakes should never be handled unless you are trained even though they aren't venomous they can still bite. If a water snake bites you will be ok, but bigger water snakes can produce very deep and painful bites. When they are grabbed they are extremely aggressive and will begin to flail, try to bite the handler, and try to escape. Water snakes are very good at escaping because they are fast. If you do catch one though they will begin to secrete an obnoxious smelling substance from their musk gland.

To identify a water snake look for longer slender bodies. They can grow as long as 42 inches when fully grown. Their skin color will be a grayish tan color and could have dark brown blotches up and down their bodies. These snakes get darker in color the older they get, and usually has a much lighter underbelly although patterns will vary across the state. The head shape of a water snake is usually slender but can sometimes be flat with their eye pupils being round.

Mating will begin to occur during the beginning of April through late June. The females do not lay eggs they give birth during late summer and early fall. Once the babies are born there is no other parental care given to them. Water snakes can almost always be found in or near water where they are usually hunting. The little amount of time they do spend out of water they are basking out in the sun on top of rocks or on the sides of water ways. They will also leave water in order to breed.

Water News

Judge reinstates WOTUS rule in 26 states

The Obama-era Clean Water Rule became the law in 26 states — including Illinois, Iowa, Michigan, Minnesota and Ohio — as a federal judge issued a nationwide injunction on the Trump administration's delay of the regulation. The American Farm Bureau Federation and a broad coalition of business organizations have notified the federal district court that they will appeal the ruling.

<https://www.eenews.net/stories/1060094329>

Special sand could let us drink stormwater from the streets

<https://newatlas.com/mineral-sand-stormwater/56154/>

Chemical Regeneration of Manganese Oxide-Coated Sand for Oxidation of Organic

Stormwater Contaminants

<https://pubs.acs.org/doi/10.1021/acs.est.8b03304>



Kayak Pics

Thanks to all that joined us for a rainy kayak on the Great Miami. It's always fun to share the river with friends. We did get to see a few birds such as a green heron, and also to get a close look at some local geology.

We are looking at ideas for the Spring/Summer next year. We'll get back to you on the plans. If you have any ideas, [please email me](#).





Great Miami Riverway



Multiple Roads Closed

Yes, we are in the wonderful orange barrel season. If you don't typically drive your

The *Great Miami Riverway* – 99 miles of river, paved trails, and connected ... things to do, places to stay, and food to eat along the *Great Miami Riverway*!
www.greatmiamiriverway.com

sampling route, unless its sampling Saturday, you may want to check to see if your roads are open.
<http://www.bceo.org/roadclosings.html>



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