



May 14, 2018

is our next sampling date

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

Sampling Reminders

- Remember, only use new bottles that have 18 engraved on them.
- Provide labels that say dry, or too low to sample, if that is the case.
- 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. **Try not to have too many spare.** We have enough for everyone, but if you build up a stockpile, we will run out.
- **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.

Birding Hike

Sunday, June 3

8:30 am

During the past two training breakfasts, there have been requests for birding trips. To make it a worthwhile trip, I asked Donna McCollum if she could lead it. She said yes! Donna's got great knowledge to share about birds and many other critters.

Donna suggest the following location choices:



- Gilmore Ponds
- Voice of America Park
- Hueston Woods via the bird blind at DeWitt Cabin near Oxford.



RSVP: If you are interested, *please [email Donna](#) with your pick of location*. I'll be on vacation the 2 weeks prior to this, so please don't rsvp to me.

Bird photo is from Jim Reid with Miami University's Natural Areas.



Fun on the Water this Summer

Pontoon Trip at Acton Lake

June 23, 9 am

Join Tera and Dr Mike Vanni to learn about their research at Acton Lake. We will be taking their pontoon boat out to visit their sampling buoy.

The boat can fit 10 people in addition to Tera and Mike. They have kindly offered two shifts if we need them.

Plan:

9 am meet at the dock at Hueston Woods

11 am Potluck lunch at the picnic benches near the marina (combined lunch for 1st and 2nd pontoon trips)

11:45 2nd pontoon trip if first is completely full.

Register: [Email Lynn](#) with the following info:

- number of people you are bringing
- if you are able to make the later start time should we need to use it.

Annual River Kayak/Canoe Trip

Looking to move the annual kayak trip to August as we have several people that always want to join us in June, but are always on vacation. Looking at either Aug 4 or Aug 18. If you have any

thoughts about these dates [let Lynn know](#). Thanks to those who have responded.

We may join forces on the river with the group that collects samples further downstream on the Great Miami River. I'll provide more details once I have them.



Stream Bug Class

We will sample the macroinvertebrates and use them to assess the water quality. We will spend some time in the creek, so be prepared to get wet.

- June 16 at Indian Creek Preserve, near Reily
- July 21 at Gregory Creek: Dudley Woods Park in Liberty Twp.

If you are interesting in attending, [please let Lynn know](#) which locations(s) so we will have enough equipment.



Your Sampling Pics

Susan and Nathaniel Coffin- Here is one of the tributaries flowing through Oxford that Nathaniel and Susan sample from. As you can see, the invasive Lesser Celandine is taking over the creek bank.



If you'd like to share a pic and/or story about your sites, [send them to my email](#).



Gilmore Ponds Kayak Trip

Thanks to everyone that joined me on the kayak trip at Gilmore on Monday night. We managed to see some great birds, including a Baltimore Oriole, Little Blue Heron, and the usual Great Blue Heron's, Egrets, and Cormorants. I'd been searching for the Great Horned Owl's nest for a while, and thanks to David Burcham, we all got to see it.

I've put a few of the pics that Jim and I took on <https://photos.app.goo.gl/9E6gWQQed5w8Tbfq8>

New Detailed Great Miami River Maps

Water and Bike Trails

Spring weather has FINALLY arrived! You are probably thinking about getting outside to enjoy a bike ride on the trails or launch your kayak in the beautiful river.

Before you head out, have a look at the more detailed maps that Miami Conservancy has just released.



Maps

- View and download the [water trail maps](#) for the Great Miami River, Stillwater River, Mad River and many large creeks.
 - Check out the [NEW detailed 10-mile segment maps](#) for the Great Miami River.
 - View Route 25 (the Great Miami River Recreation Trail) on the the [regional bike trail map](#).
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Recreational Water Quality Standards

The EPA has released its [Five-year Review of the 2012 Recreational Water Quality Criteria \(RWQC\)](#), as required by the BEACH Act amendments to the Clean Water Act (CWA). The review report describes the state of the science since the release of the 2012 RWQC, related to the protection of human health in water bodies designated for primary contact recreation (e.g., swimming) in these areas:

- Health studies;
- Indicators and performance of qPCR methods;
- Microbial source tracking;
- RWQC implementation tools; and
- Criteria adoption by states, territories and authorized tribes.

Based on the EPA's review of the existing criteria and developments in the available science, and consistent with CWA Section 304(a)(9)(B), the EPA has decided not to revise the 2012 Recreational Water Criteria during this review cycle. The Agency believes, however, that further research and analysis as identified in this report will contribute to EPA's future review of the 2012 RWQC. The EPA will work with the environmental public health community as it moves forward with its research efforts. The use of qPCR and ongoing research in methods and indicators continue to strengthen and augment the tools available to support the current criteria.

Water News

How Pokemon Inspired A Citizen Science Project To Monitor Tiny Streams

The spring thaw is upon us, and parched western states will be watching closely as snows melt and rivers rise. Fancy satellites monitor water levels in the biggest rivers, but they don't spot the smaller streams and waterways that feed into them. Now, some Colorado scientists have hit on a new way of tracking those smaller streams — inspired, by Pokemon.

[Read more...](#)

Fertilizer spill on state Route 122 West in Preble County

Monday April 30. [Read more...](#)

Just How Clean is the Great Miami River

The Great Miami River continues to surprise scientists with its ability to rebound from pollution of the 20th century, and some that continues today.

[Read more...](#)

Ohio's connection to the ocean

The oceans that define America's coasts are hundreds of miles away with seemingly no connection to Ohio. But Caiti Waks and Mark Butterworth beg to differ. The oceans, they say, are deeply connected to the Buckeye state. The two are co-founders of the [Ohio Ocean Foundation](#), a new local group working to increase education and raise awareness about Ohio's impact on the world's great oceans.

[Read more...](#)

Edible Alternative to plastic water bottles

Global plastic consumption reached more than 110 million tons in 2009. Plastic can take up to 1,000 years to degrade. When it does degrade, it can end up as tiny bits of poisonous microplastics in the bodies of animals we eat.

[See video....](#)

Fighting has begun over who owns land drowned by climate change

America's coastal cities are preparing for legal battles over real estate that slips into the ocean.

[Read more...](#)

The World's Rivers Are All Backed Up, Leaving Fish With No Place to Go

Imagine you're heading out for a dinner date. You're hungry and left enough time to get there and not be late, but when you step outside you find that conditions aren't quite what you expected – you run into a 30-foot wall every few steps.

[Read more...](#)

Strengthening EPA Citizen Science Partnerships for Environmental Protection

The Council's April 2018 report, Information to Action—Strengthening EPA Citizen Science Partnerships for Environmental Protection, and the recommendations contained within were developed following extensive interviews with citizen science experts and practitioners. The 10 recommendations in NACEPT's second report on citizen science outline how EPA can foster collaboration and partnerships to use citizen science information and data for action that improves human health and the environment. These high-level, overarching recommendations focus on strengthening pathways that move citizen science from information to action.

[NACEPT 2018 Report:Strengthening EPA Citizen Science Partnerships for Environmental Protection \(PDF\)](#)(64 pp, 9 MB, April 2018, EPA-220-R-18-001)



Rain Barrel Workshop

Thur, June 21

6 - 8 pm

Butler SWCD

1802 Princeton Rd, Hamilton, OH

Create your own rain barrel to take home.
Cost: \$35 per barrel you wish to build. This fee is not per person, and is per barrel you wish to build.

Pre-registration is required by June 15

[Find out more and register online](#)



2018 Ohio EPA fish consumption advisory

Ohio EPA has announced the state's new guidelines for eating fish caught from Ohio's lakes, rivers and streams. Fish can be part of a healthy diet. Unless otherwise notated in the new recommendations, a general advisory is in place that recommends limiting to one meal each week of Ohio-caught fish. The updated recommendations are based on fish data collected in summer 2017.

<http://www.epa.state.oh.us/News/OnlineNewsRoom/NewsReleases/tabid/6596/articleid/1316/2018-ohio-sport-fish-consumption-advisory-highlights-significant-improvements.aspx>



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