

Contact Information

Dr. Daniel Heath
dheath@uwindsor.ca
519-253-3000 ext 3762

Dr. Subba Rao Chaganti
chaganti@uwindsor.ca
519-253-3000 ext 4746

Student Organizers:
Jessica Owen
owenj@uwindsor.ca
519-253-3000 ext 4246
Razagh Shahraki
razagh@uwindsor.ca
519-253-3000 ext 4247



If you have any questions or concerns, please feel free to contact Dr. Heath, Dr. Chaganti, Jess Owen, or Razagh Shahraki.



Essex County Water Blitz August 19, 2017



Pick up and Drop off Locations

Those interested in participating can pick up a collection bottle between 10 am and 4 pm at

- 1) Sup and Sun paddle board and kayak rental at 193 West River Rd., Belle River;
- 2) Windsor West MP Brian Masse's constituency office at 1398 Ouellette Ave;
- 3) 100 Jackson St. in Colchester;
- 4) Essex Region Conservation Authority (ERCA) at 360 Fairview Ave. W.,
- 5) Great Lakes Institute for Environmental Research at 2990 Riverside Dr. W.
- 6) Point Pelee National Park (8 am to 9 pm).
- 7) Leamington Kinsmen Recreation Complex. (4 pm. to 6 pm)

Note: ERCA does not have a drop off location, but LaSalle Freshwater Restoration Ecology Centre at 1 Adams Lane will open for drop off.

What's a Water Blitz?

A water blitz is a day dedicated to collecting water samples across a geographic region to gather information about the water quality.

Why Do Water Blitz?

Windsor-Essex County is a water-rich region that is dependent on its lakes. It is important to understand the health of the water to ensure safe swimming conditions on beaches, healthy lakes for fish, and safe drinking water.

Windsor-Essex County is surrounded by water with Lake St. Clair to the north, the Detroit River to the west, and Lake Erie to the south.

How to Collect Samples

Sample bottles (250 mL) can be picked up at one of the locations mentioned above between August 16-18, 2017. On August 19, water will be collected from beaches along Lake Erie, Lake St. Claire and its river and stream tributaries in the sample bottles provided. It is best to collect water in easy-to-reach areas **"It is critical that your water sample is taken Saturday (Aug 19) morning to ensure all the samples across Essex county are collected around the same time"**. Wear the gloves, open the bottle cap fill the bottle with water, close the bottle cap and remove the gloves. Fill in your name, location GPS co-ordinates, and the name of the location on the water sample. Return sample to one of the Drop off locations on August 19 between 10:00 am to 12:00 noon.

REMEMBER...

1. Collect bottles from One of the locations (Aug 16-18)
2. Collect water samples from beaches/rivers/streams (Aug 19)
3. Fill in important information
4. Return water samples to one of the drop off locations (Aug 19)

DNA Collection

Once water samples are brought back to One of the drop off locations, they will be filtered for DNA. The DNA will be used to determine if the bacteria and algae collected are harmful to humans. Many bacterial and algal species found in water are not harmful to humans and this analysis will help determine when to issue water advisories and when to close beaches.

