

**FW: Oct 1 Streams Workshop - confirmation and information**

Patricia Child

*www.macroinvertebrates.org*

Sent: Sunday, September 28, 2014 5:12 PM

To: Patricia Child

Attachments: image.png (163 KB) ; image.png (136 KB) ; image.png (129 KB) ; Streams2 PD AGENDA\_PARTICI~1.pdf (258 KB)

*Longer lived Species*

*D NET*

*UNDER \$100*

Have a nice Bay!  
Patti Child

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Master Watershed Steward  
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For more information about our outdoor program go to [www.baltimorelabschool.org](http://www.baltimorelabschool.org)

*Office of Sustainability*

From: Amanda D. Sullivan -DNR- [amanda.sullivan@maryland.gov]

Sent: Monday, September 22, 2014 11:05 AM

To: poerstel@alephbet.org; Patricia Child

Cc: Britt Slattery -DNR-

Subject: Fwd: Oct 1 Streams Workshop - confirmation and information

*CBT Tara Baker*

Thank you for registering for the "Explore and Restore Your Schoolshed" stream study and action workshop. We look forward to seeing you on October 1!

Important information for the day (please note: there is homework to do in advance!):

(1) Location: the Anita C. Leight Estuary Center, Otter Point Creek Component, 700 Otter Point Road, Abingdon (Harford County), Maryland, 21009 - see directions to the center <<http://www.otterpointcreek.org/visitor-information/directions/>>. We will meet in the main Estuary Center building.

(2) Time: The workshop will begin promptly at 8:00 a.m. and will end at 4:00 p.m. The room will be open for arrival at 7:30 and there will be coffee available. See agenda, attached.

(3) If you are no longer able to attend, please let us know asap, as we have a waiting list. Please email [amanda.sullivan@maryland.gov](mailto:amanda.sullivan@maryland.gov)<<mailto:amanda.sullivan@maryland.gov>>.

(4) HOMEWORK! We realize that it is a busy time of year, but you know how important it is to be prepared. And this homework can be fun! Get some kids to help if you can. ☺

Here's your assignment: Think ahead about where you want to take your students for stream studies. We recommend visiting a stream site close to school, within walking distance if possible, so you and your students might visit more than once. If that's not feasible, choose a site that can be accessed from public property (a state or local park, for example, or another school). Look at the site on a map - using Google maps <<http://www.maps.google.com/>> (satellite view is helpful), [www.StreamHealth.maryland.gov](http://www.StreamHealth.maryland.gov)<<http://www.streamhealth.maryland.gov/>>, or National Geographic's FieldScope <<http://www.fieldscope.org/>> tool at [maryland.fieldscope.org](http://maryland.fieldscope.org/)<<http://maryland.fieldscope.org/v3>> or [chesapeake.fieldscope.org](http://chesapeake.fieldscope.org/)<<http://chesapeake.fieldscope.org/>> (need to sign up to log in, may take a couple of days' notice). After the map exercise, we recommend

*Jones Falls*

*Severn River*

*OREGON RIDGE*

*Robert E Lee Park*

*Cold Spring*

*Bear Creek*

*\* Stream watershed*

*YouTube Maryland Streams*

*Ben Mill*

that you visit the site in person and check it out. Is it easy to get down to the water? Check for hazards that may mean choosing another site or a different entry location, (such as poison ivy or a tangle of vegetation, too-steep banks, busy road crossing, etc.). Take stock of some of the physical features of the stream (Is there a lot of water or a little? Are there rocks on the bottom? Is there a lot of debris in and around the water?) Snap some photos! Then bring us your questions. It will be good to have your site's conditions in mind when you are learning the field techniques during the workshop. We will also discuss access, safety and other logistical matters.

## (5) What to bring!

- Boots or sturdy shoes that can get wet (such as tie-on sneakers, water shoes, adventure sandals with protected toe and heel strap). Flip flops, slip-on shoes or bare feet are not allowed and open-toed sandals are strongly discouraged. Bring a dry pair of shoes to change into.
- Dress for the weather -- sunscreen, hat, etc. or rain gear as needed.
- Water bottle with water.
- Reusable coffee cup.
- Your lunch. There will not be facilities for refrigerating or heating food.
- Pen for recording data, taking notes, etc., and paper for notes if you prefer - or electronic device of your choosing for saving paper while taking notes!
- A tote bag to carry home handouts and other goodies.
- A clipboard, hard folder or similar, if you have it -- to lean on for recording data in the field (we have some clipboards, but not enough for all).

## (6) What to expect:

- This is a combination of classroom and field activities, both indoors and out, led by various educators and biologists/stream ecologists from the Maryland Department of Natural Resources. It is a very full day, but it will go fast! We ask you to bring your adventuresome spirit, be fully present, ignore your distractions, participate actively, and most of all, learn and have fun!
- Yes, we will work outside in the rain, unless we have heavy rain or lightning. If the weather is a washout, we will have alternative activities to use indoors (i.e., we'll bring water samples in for doing water quality testing, and so on).
- We have not arranged for and therefore cannot guarantee wifi access.
- Access to the stream at this site requires a short (5 minute) drive from the building, and a bit of walking outdoors. It is routinely used with students and is not difficult, but may have uneven terrain with some rocks. If you need some assistance or feel you must sit out of the field portion, please let us know in advance (email [amanda.sullivan@maryland.gov](mailto:amanda.sullivan@maryland.gov) <<mailto:amanda.sullivan@maryland.gov>>). For the drive to the stream site, we will have a large van, but may also need to carpool with extra vehicles.
- We love this stuff and we hope you will too! Be prepared to get a little bit wet and dirty, and leave with a full brain!

## (7) Questions? Contact us. We can't wait to see you on October 1!

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