

This meeting will be recorded for internal use to ensure the accuracy of the meeting minutes.

**CBP Water Quality Goal Implementation Team
Toxic Contaminants Workgroup
Meeting Agenda**

Date: Wednesday, March 10, 2021
Time: 1:00 - 2:00 PM
Location: Conference Call (remote only)
Calendar Page: [Link](#).



Meeting Information*

Meeting link: <https://umces.webex.com/umces/j.php?MTID=mb652131fb56271918690029b3d7d2eb0>

Meeting number: 120 121 0049

Password: 8294

OR

Phone: 1-408-418-9388 United States Toll

Access code: 120 121 0049

**Please join by either computer audio or phone, not both. Viewing the webinar in the desktop app is recommended over the web browser. If experiencing bandwidth issues, turning off video when not speaking is recommended.*

Agenda Item and Desired Outcome	Time	Background Docs, Notes, and Action Items
<p>1. Introductions and Announcements</p> <ul style="list-style-type: none"> • New Technical Resource Document on TCW homepage – Hilary Swartwood, CRC • <i>TCW Leadership Transition:</i> Proposing to have Emily Majcher take over as Vice- Chair for Scott Phillips – Scott Phillips, USGS • <u>Tuesday, March 16 at 11 AM:</u> USGS-sponsored seminar on Spatio-temporal variability in pharmaceutical concentrations throughout a Baltimore stream network and annual loading to the Inner Harbor (Megan Fork, Cary Institute) • NOAA Fisheries Notice of Funding Opportunity that supports research into how key Chesapeake Bay fisheries species change their behavior to deal with changing habitat and climate. Applications due by April 16, 2021. <p>2. Articles of Interest:</p> <ul style="list-style-type: none"> • Incubation in Wastewater Reduces the Multigenerational Effects of Microplastics in <i>Daphnia magna</i> • Microplastics in fisheries and aquaculture: implications to food sustainability and safety 	1:00	<ul style="list-style-type: none"> • Complete the toxic contaminant indicator • Update the PCB Story Map • Submit STAC Proposal – COMPLETE • Mercury Monitoring Network Follow- up

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<ul style="list-style-type: none"> • Estrogenic endocrine disruption in the Chesapeake Bay Watershed: A retrospective review and land-use influences • Modeling estrogenic activity in streams throughout the Potomac and Chesapeake Bay watersheds • Environmental and anthropogenic drivers of contaminants in agricultural watersheds with implications for land management • Evidence that watershed nutrient management practices effectively reduce estrogens in environmental waters • Groundwater discharges as a source of phytoestrogens and other agriculturally derived contaminants to streams 		
<p>3. Follow up on PFAS Discussion from February Meeting</p> <ul style="list-style-type: none"> • STAC PFAS Proposal – Scott Phillips, USGS • Update on UWFP Project for PFAS in WWTP – Emily Majcher, USGS 	1:10	<ul style="list-style-type: none"> • STAC PFAS Proposal
<p>4. Planning for April and May TCW Topics</p> <ul style="list-style-type: none"> • April 14th: PCBs in Schools – Doug Austin, EPA <ul style="list-style-type: none"> i. Who should participate from your jurisdiction and agency? • May 12th: Fish Health and Contaminant Presentation and Discussion – Scott Phillips, USGS <ul style="list-style-type: none"> i. Who should participate from your jurisdiction and agency? ii. How can the jurisdictions apply this information? 	1:30	<ul style="list-style-type: none"> • Presentation • Research Outcome Logic and Action Plan • TCW Planning Calendar 2021 • Action: TCW members should provide contacts for PCBs in Schools Working Session to Hilary Swartwood by COB March 17, 2021.
<p>5. Wrap Up and Adjourn</p>	2:00	<ul style="list-style-type: none"> • Next meeting: April 14, 2021; 1 – 3 PM

Summary of Actions and Decisions

Action: TCW members should provide contacts for PCBs in Schools Working Session to Hilary Swartwood by COB March 17, 2021.

Action: Hilary Swartwood will send a link to the Technical Resource Document to the TCW once it is posted to the TCW homepage.

Action: TCW will ask for approval of Emily Majcher as the TCW vice- chair at the March 22nd WQGIT meeting (*post- meeting note:* Emily Majcher was approved by WQGIT on March 22, 2021).

Meeting Minutes

1. Introductions and Announcements

- Action:** Hilary Swartwood will send a link to the Technical Resource Document to the TCW once it is posted to the TCW homepage.
- USGS Seminar:** Emily Majcher has heard this presentation before and it's very relevant to this group, particularly on the emerging contaminants side. If anyone needs the link resent to them, please reach out to Hilary Swartwood (Swartwood.hilary@epa.gov).
- NOAA Funding Opportunity:** tangentially related, take a look at it if you have an interest.

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2. **Articles of Interest:** all of these will be placed on the Technical Reference Document. If one piques your interest, let us know. Scott will be discussing some of these during his talk for agenda item #4, today.
3. **Follow up on PFAS Discussion from February Meeting**
 - a. Scott provided an overview of the final PFAS STAC Workshop proposal, which is posted to the March TCW calendar page.
 - b. There is now a project underway to Identify the “*occurrence and fate of PFAS and PCBs in wastewater treatment facilities of the Patapsco Watershed.*” This watershed provides a land use gradient and infrastructure age and capacity that will provide a nice snapshot of how these toxics transform throughout the system.
 - i. *George Onyullo:* I want to at some point, discuss with Emily, Greg, and Scott, on how we can expand the scope by including blue plains. Blue plains bring the scale of the volume it treats and the impact of that volume to the Bay (by adding blue plains it would make it a regional effort).
4. **Planning for April and May TCW Topics**
 - a. **April 14th: PCBs in Schools**
 - i. The first half will be devoted to presentations; the second half will be devoted to discussion.
 - ii. **Action:** TCW members should provide contacts for PCBs in Schools Working Session to Hilary Swartwood by COB March 17, 2021.
 - b. **May 12th: Fish Health and Contaminants Presentation and Discussion**
 - i. No comments at this time.

Call Participants

Scott Phillips, USGS
Emily Majcher, USGS
Kelly Smalling, USGS
Vicki Blazer, USGS
Stephanie Gordon, USGS
Doug Austin, EPA
Greg Allen, EPA
Jessica Rodriguez, DoD
Dave Whitall, NOAA
John Cargill, DNREC
Len Schugam, MDE
Paul Hlavinka, MDE
Tom Parham, MDNR
Mark Richards, VA DEQ
George Onyullo, DOEE
Matt Kundrat, PA DEP
Rebecca Whiteash, PA DEP
Lisa Ochsenhirt, AquaLaw