

CBP Water Quality Goal Implementation Team
Toxic Contaminants Workgroup
Meeting Minutes

Date: Wednesday, November 4, 2020

Time: 1:00 - 3:00 PM

Location: Conference Call (remote only)

Calendar Page: [Link](#).



Agenda Item and Desired Outcome	Time	Background Docs, Notes, and Action Items
1. Introductions and Announcements <ul style="list-style-type: none"> Update on <i>Urban BMP Topic RFP</i> Management Board approved CBP Response to STAC Workshop on Contaminants in Urban and Ag Settings Maryland Pesticide Network Conference Reminder: <ul style="list-style-type: none"> <i>Registration:</i> https://events.r20.constantcontact.com/register/eventReg?oeidk=a07ehb9yz2obedb56d0&oseq=&c=&ch= NOAA released article on Invasive Blue Catfish Maryland Water Monitoring Council Virtual Conference will have a discussion on PFAS Department of Defense SERDP and ESTCP Symposium will have discussions on PFAS on Days 2 and 3 	1:00	<ul style="list-style-type: none"> Complete the toxic contaminant indicator Update the PCB Story Map
2. Update of UMBC Work on Contaminants in Shellfish – Lee Blaney, UMBC	1:05	<ul style="list-style-type: none"> Presentation
3. Mussel Watch Program Overview – Dennis Apeti, NOAA	1:30	<ul style="list-style-type: none"> Presentation
4. Toxic Contaminant SRS Updates and Final Logic and Action Plan Review <ul style="list-style-type: none"> Policy and Prevention Outcome – Greg Allen, EPA (25 min.) Research Outcome – Scott Phillips and Emily Majcher, USGS (25 min.) 	2:00	<ul style="list-style-type: none"> Presentation
5. Wrap Up and Adjourn	2:50	<ul style="list-style-type: none"> <i>Next meeting: December 9, 2020</i>

Summary of Actions and Decisions

Action: TCW members should submit updates for the Policy and Prevention Logic and Action Plan by Tuesday, November 9, 2021.

Action: Greg Allen will send the Microsoft Teams link for the Policy and Prevention Logic and Action Plan to George Onyullo and Len Schugam.

Action: TCW members should reach out to Emily Majcher and Scott Phillips with any additional comments on the near final Research Logic and Action Plan.

Meeting Minutes

1. Intros and Announcements

- No additional announcements

2. Update of UMBC Work on Contaminants in Shellfish

- *Marty Gary:* Thanks Lee for your presentation. Would be accurate to say that you found presence of these chemicals in the oyster tissue, but we don't really know what the implications are for animal and human health?
- *Lee Blaney:* First with the UV filters, humans put more on this than there but with others hard. On the ecological side this requires a lot more research, in HI they saw that corals were being affected at 60 grams per mL. There is no oyster research out yet on the toxicology.
- *Greg Allen:* On the acute toxicity side to humans, we don't expect, on the chronic side, this to contribute to the antibiotic resistance issue.
- *Lee Blaney:* that definitely has implications for human health.

3. Mussel Watch Program

- *Emily Majcher:* the trends plots and lines you showed that went through 2012-2015- does that reflect the full data set currently? The Mercury items are really interesting and the Bay program stance with reductions and emissions we should be seeing declines.
- *Dennis Apeti:* that is hard data in the Chesapeake Bay. From 2012 is when we start thinking about are transition and we have not collected data yet.
- *Greg Allen:* we will want to talk to you about that regional partnership piece at some point. Our interest in contaminants in shellfish is that they are a very valuable resource for food and for filtering. If some of these contaminants are hampering their wellbeing and health that is not good and it is not good from the human consumption piece too. The problem is that there is not a lot of good data to trend over time. Hopefully at some point we should be able to use this Mussel Watch Program. When Dennis mentioned that the 2015 data was from different areas that raises questions of long-term comparability. Hopefully we have made a connection with Mussel Watch and we can see if they can fill some of our needs.
- *Emily Majcher:* I was wondering if anyone was familiar with the tributyl tin?
- *Dave Whitall:* it's used on boat hulls as anti-fouling paints and although it was banned it is still present in the bay and can break down. The exclusions are for very large ships (ex. The Navy still uses it).

4. Toxic Contaminant SRS Updates and Final Logic and Action Plan Review

- **Policy and Prevention**
 - i. Final revised strategies will be provided to MB in early December. Not expected to get a lot of public comments.
 - ii. If people haven't had a chance, please take time this week to review the LAP and provide updates. Please use Microsoft Teams to edit the document.
 - iii. For PCBs, local governments get most of the work done. It will be important to engage these entities in the next two years.

Action: TCW members should submit updates for the Policy and Prevention Logic and Action Plan by Tuesday, November 9, 2021.

Action: Greg Allen will send the Microsoft Teams link for the Policy and Prevention Logic and Action Plan to George Onyullo and Len Schugam.

- **Research**

- From last meeting:* reviewed potential edits to the factors within the Research Management Strategy. The changes to date are reflective of the edits and comments received.
- If you have any additional thoughts on the LAP, please reach out to Emily Majcher and Scott Phillips to get those comments incorporated.
- Greg Allen:* A future initiative for Mussel Watch, maybe we could say something that one of the things for CBP is to explore regional partnerships.
- Dave Whitall:* the way we have been doing that model is to work very closely with local partners in the region. We would welcome partnerships, whether that s from a field work, analytical, or site selection, and would welcome input from the Bay Program.

Action: TCW members should reach out to Emily Majcher and Scott Phillips with any additional comments on the Research Logic and Action Plan.

5. Wrap Up

Call Participants

Justin Shapiro, CRC
Hilary Swartwood, CRC
Kevin Du Bois, DOD
Lee Blaney, UMBC
Mark Richards, VA DEQ
Martin Gary, Potomac Rivers Fisheries Commission
Matt Kundrat, PA DEP
Sean Corson, NOAA
Dave Whitall, NOAA
Marel King, CBC
Doug Austin, EPA
Emil Majcher, EPA
Scott Phillips, USGS
Dennis Apeti, NOAA
George Onyullo, DOEE
Len Schugam, MDE
Tim Wheeler, Bay Journal
John Cargill, DNREC
Breck Sullivan, CRC
Raffi Marano, EPA
Dev Murali, DOEE
Summer Kunkel, PA DEP

This meeting was recorded for internal use to ensure the accuracy of the meeting minutes

Lorie Baker, EPA

Hoss Liaghat, PA DEP

Bonnie Raindrop, MD Pesticide Network