

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

Date: Wednesday March 8th

Time: 1:00 PM – 3:00 PM

Location: Conference Call, Room 305 at CBPO

Call-in: 866-299-3188 **Code:** 410-267-5731

Adobe Connect Link: <https://epawebconferencing.acms.com/tcw/>



Agenda Item and Desired Outcome	Time	Background Docs, Notes, and Action Items
<p>1. <u>Welcome, introductions, relevant news and announcements</u></p> <ul style="list-style-type: none"> New lead TCW member for PA Amy Williams amywilli@pa.gov Update on EPA Phase-out Rule -The proposed rulemaking originally did include removing the PCB use authorization for transformers but last spring EPA decided to focus the first rulemaking solely on fluorescent light ballasts in schools and daycares. A schedule for the second rulemaking to remove the use authorization for PCB and PCB contaminated transformers and other electrical equipment has not been determined. 	1:00	<ul style="list-style-type: none"> Given reduced efficacy of phase-out rule, the workgroup needs to make a decision about how that impacts the strategic plan with regard to voluntary phase-out of PCB-containing electrical equipment. <u>Mercury updates</u>: Sent to TCW this morning. 3 deposition monitoring stations in MD are showing a downward trend. Trend is likely due to reduced use of coal in electrical generation industry. Note of new agenda format
<p>2. <u>Review of Action Items from January Meeting:</u></p> <ul style="list-style-type: none"> Greg Allen and Scott Phillips will review available resources on relative risks of toxic contaminants in order to refine the drafted STAC workshop proposal, and will redistribute to the workgroup for review. Toxic Contaminants Workgroup members should review the proposed list of PCB data sources, and provide feedback on prioritized layers to Chris Wright (cwright@chesapeakebay.net). 	1:10	<ul style="list-style-type: none"> <u>Relative risks of TCs</u>—literature review for a STAC workshop: The workgroup did not pursue a STAC workshop, but TCW should continue work on relative risk. <u>Action: Greg Allen will send out list of data layers for the PCB resource center to TCW for feedback and discussion at the April conference call.</u>

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<p>3. <u>Climate Resiliency Matrix Project (Zoe Johnson, NOAA)</u>: Zoe Johnson will present the GIT funded project: Climate Resiliency Matrix Project. Tetra Tech, the lead for the project, is in the process of wrapping up the SAV and Black Duck/Wetland case study components of the project and is now looking for one additional workgroup to pilot a revised tool/methodology. Activities the TCW would be involved in:</p> <ul style="list-style-type: none"> • Clarify CBP toxic contaminants related management/restoration actions of importance (note: these may be within the scope of the management strategy or a cross related goal/outcome) • Identify and gather relevant Chesapeake Bay climate change vulnerability research/data (relevant to toxic contaminant issues) • Identify strategies, actions, restoration/enhancement techniques that are envisioned to achieve toxic contaminant goals/outcomes • Provide input on selection of structured decision-making workshop dates (summer 2017) and advise on list of workshop invitees. <p>The workgroup will discuss this proposal and decide whether the outputs of this project would have value in informing TCW strategies.</p>	1:20	<ul style="list-style-type: none"> • Introductory presentation • Summary of First Workshop (SAV & Tidal Wetlands/Black Duck) <p><i>Discussion:</i></p> <ul style="list-style-type: none"> • There was general agreement from the workgroup on the usefulness and importance of this project. The two-day workshop would be tentatively in July 2017. • Greg Allen asked what the takeaway was from past workshops. <ul style="list-style-type: none"> ◦ Written reports went out that included recommended revisions to management strategies. Previous pilot projects showed a need to implement at higher level of goal strategy, then work down. ◦ Many restoration activities (example: wetlands, coral reefs) are opportunistic, so making that process more deliberate is part of climate adaptation. ◦ Many workshop participants come away with new ways of thinking about climate change adaptation. Greg concurred that that frame of thinking is valuable for incorporating into TCW efforts. • There was discussion of how much literature exists as a baseline for considering climate change in relation to toxics management. <ul style="list-style-type: none"> ◦ Jennie pointed to research on changes in pH and changes in temp that affect bioavailability of contaminants. There is also research being done on sea level rise with a toxic facilities inundation mapping project. ◦ Main impacts of climate change will be factors affecting release of toxics into the environment, and environmental factors

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		<p>that affect the way toxics are expressed in the ecosystem.</p> <ul style="list-style-type: none"> • Greg Allen proposed that in a year when TCW strategies are updated, climate change should be incorporated into strategy updates. • Greg Allen proposed that we accept invitation. The workgroup concurred. • Decision/Action: The TCW agreed to participate in the GIT funded project: Climate Resiliency Matrix, and to form a steering committee for planning a project workshop (June/July time frame) <ul style="list-style-type: none"> ◦ Steering committee volunteers: Chris Wright (USGS), Micka Peck (EPA R3), George Onyullo (DOEE), Greg Allen (EPA CBPO), Michelle Williams (CRC), Scott Phillips (USGS)--tentative
<p>4. <u>Assessing Benefits of Wastewater Treatment Plant Nutrient Control Upgrades on Toxic Contaminants (Greg Allen, EPA)</u>: Brief overview of project, background, scope and goals. Workgroup members will discuss next steps, including TCW comments on the draft workplan plus coordination with WWTWG</p> <p>*Workplan Item Addressed: Develop PMP guidance document for the control and reduction of PCBs in NPDES regulated stormwater and wastewater including an inventory of stormwater BMP options. This document would provide guidance to all Bay jurisdictions in implementing PCB load reductions established for dischargers through local TMDL development while recognizing the need for flexibility in PMP design. Develop guidance for unregulated sources of PCBs for use in developing implementation plans under TMDLs (Policy and prevention Workplan).</p>	1:50	<ul style="list-style-type: none"> • Presentation: Impact of WWTP Upgrades on Toxic Contaminants <p><i>Discussion:</i></p> <ul style="list-style-type: none"> • Hoping for this project to incorporate monitoring data from MDE • This can be described as a joint project between the two workgroups • Action: Greg Allen will send out a draft workplan this week to the TCW and the WWTWG for feedback. Comments from jurisdiction leads are particularly needed. The workgroup will be asked to provide comments via email by March 27.

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<p>5. <u>Report, "Quantification of BMP Impact on CBP Management Practices" (Mark Sievers, Tetra Tech):</u> Presentation of report and discussion by TCW members. TCW members are asked to provide comment by March 24th. Comments should identify any text that needs further explanation, results that need to be expanded, scoring that needs to be revisited, or provide suggested text to be added. If there are conflicting comments, TCW members are asked to indicate which comments take precedence.</p> <p>*Workplan Item Addressed: A project was completed to determine the relative amount of PCB reduction that might occur across the range of BMPs implemented for the Chesapeake Bay nutrient and sediment TMDL. The study assessed and explained the most beneficial management actions that could leverage current local TMDLs and watershed implementation plans (WIPs) to achieve multiple benefits for nutrient, sediment, and toxic contaminant reductions (Policy and Prevention Workplan).</p>	2:10	<ul style="list-style-type: none"> • Draft BMP Impact Scoring Report • Action Requested: Comments from TCW members to be submitted by March 22nd for compilation <p><i>Discussion:</i></p> <ul style="list-style-type: none"> • The end vision for these scores is to be used in tools that help stakeholders plan BMP scenarios that provide the greatest benefit. The basis for BMP co-benefits scoring was clarified. The majority of scores were based off best available theoretical knowledge, but little monitoring was associated with this report. • Zoe Johnson asked if scoring results were synthesized across multiple management strategies to assess which BMPs have the most co-benefits overall. <ul style="list-style-type: none"> ◦ Mark Sievers: We haven't pulled out any specific BMPs that have the greatest amount of co-benefits. Doing all that synthesis gets convoluted and we didn't think that was something useful to end users. • Greg Allen pointed out that because the scoring is qualitative without monitoring data, care must be taken to not communicate these scores in a misleading way. • Action: The TCW will send comments to Greg Allen and Michelle Williams by March 22nd for compilation and submission to Mark Sievers (Tetra Tech) by March 24th. • Michelle Williams will send a reminder and via email, along with copies of the report if needed.

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6. <u>Wrap up and adjourn</u>	2:45	

List of Call Participants

Greg Allen, Coordinator	EPA CBPO
Michelle Williams, Staffer	CRC
Len Schugam (MD)	MDE
Rob Reading (VA)	VA DEQ
George Onyullo (DC)	DOEE
Amy Williams (PA)	PA DEP
Marel King	CBC
Micka Peck	EPA R3
Kelly Smalling	USGS
Chuck Walker	USGS
Chris Wright	USGS
Zoe Johnson	NOAA
Anna Hamilton	TetraTech
Chris French	Water Environment Federation
Chris Burbach	HRRC
Jennie Hoffman	Adaptation Insight
Mark Sievers	TetraTech

*Note: No representatives from DE, WV, or NY joined this call.