



Chesapeake Bay Program Watershed Technical Workgroup (WTWG)

Meeting Agenda

Thursday, February 2, 2023

10:00 AM to 12:00 PM

[Meeting Materials](#)

Meeting Link: <https://umces.webex.com/umces/j.php?MTID=m7fd2a5bfc6f4bb5c07f012f74afa8174>

Meeting number: 2626 029 7084

Password: WTWG2023

Join by phone: +1-408-418-9388 United States Toll

Access code: 262 602 97084

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Agenda

10:00 AM – **Introductions and Announcements** – Cassandra Davis, NYSDEC/Chair (15 min).

- Please put your name and affiliation in the chat box for attendance purposes. Thank you!
- Approval of [December Meeting Minutes](#) and [January Meeting Minutes](#) – Cassandra Davis, NYSDEC
- Update on WQGIT approval of updated WTWG scope and purpose – Cassandra Davis, NYSDEC
- Upcoming CAST Webinar – Helen Golimowski, Devereux Consulting
- Progress Update/Announcements - Olivia Devereux, Devereux Consulting
 - [2022 Progress Data Analysis](#)
- Other announcements?

10:15 AM – **Dissolved Oxygen (DO) Equivalent Factor: Part 2** – Bill Keeling, VA DEQ, and Gary Shenk, USGS-CBPO (30 min).

Last month, Gary presented on how and why the DO equivalent factor was derived and a general understanding of what those values indicate or mean (the PSC's effort to create an equitable way of allocating target loads for the TMDL effort). At this meeting, Bill will present on how DO values can be used for watershed planning efforts, with example calculations included, followed by discussion/questions from the group.

10:45 AM – **Discussion on Quantifying the Effects of Car Manufacturer (e.g., Volkswagen) Settlement Actions as a BMP** – Jeff Sweeney, EPA, All (30 min).

At the [December](#) and [January](#) meetings, Jeff Sweeney presented on a proposed BMP associated with atmospheric emission and deposition reductions from Volkswagen settlement funding – and direction from the Modeling Workgroup about how to quantify load reductions to the Chesapeake Bay from estimates of atmospheric emission controls of nitrogen. A decision will be

requested from the WTWG on the [proposal](#).

DECISION REQUESTED: Approve “Proposal 2” as a planning BMP called “Transportation Emission Reductions” for crediting nitrogen load reductions from atmospheric emission controls funded through settlement actions with car manufacturers. Emission reductions go beyond what is already accounted for in CAST for planning purposes in jurisdictions’ WIPs from forecasted effects of the Clean Air Act. Estimated load reductions associated with the BMP are rooted in direction from the CBP’s Modeling Workgroup and are applied to the CAST source category “shoreline” for each jurisdiction that provides needed details for the relevant planned management actions.

11:15 Charge from the Water Quality GIT/Management Board on Phase 6 Data Processing Protocols
– Ruth Cassilly, UMD/Coordinator (40 min).

In [December 2022](#), the Management Board charged the Water Quality GIT with the following task: “Work with the **Watershed Technical Workgroup** and others as appropriate in the development of a policy for the partnership regarding safeguards, triggers, and protocols to prevent future data analysis variations and how they are applied (Addresses PSC 8/29/22 Decision #3).” Ruth will give a high-level overview of the current Chesapeake Bay Program Office QA/QC protocols for data inputs for Phase 6 of the model and ask the group for feedback on the proposed steps forward (identified in partnership with the WQGIT leadership).

11:55 AM – Recap of Actions and Decisions (5 min).

12:00 PM – Adjourn

Next Meeting: Thursday, March 2nd, 2023, from 10:00 AM – 12:00 PM.

Acronym List

AgWG: Agriculture Workgroup	EPA: [U.S.] Environmental Protection Agency
BMP: Best Management Practice	FWG: Forestry Workgroup
BMPVAHAT: BMP Verification Ad Hoc Action Team	LUWG: Land Use Workgroup
CAST: Chesapeake Assessment Scenario Tool (user interface for the CBP Watershed Model)	MB: Management Board
CBP: Chesapeake Bay Program	NEIEN: National Environmental Information Exchange Network
CBPO: Chesapeake Bay Program Office (houses EPA and myriad contractors and grantees working towards CBP goals)	NFWF: National Fish and Wildlife Foundation
CBW: Chesapeake Bay Watershed	NYSDEC: New York State Department of Environmental Conservation
CRC: Chesapeake Research Consortium	PA DEP: Pennsylvania Department of Environmental Protection
DNREC: [DE] Department of Natural Resources and Environmental Control	PSC: Principals’ Staff Committee
DoD: [United States] Department of Defense	PSU: Pennsylvania State University
DOEE: [DC] Department of Energy and Environment	QA/QC: Quality Assurance / Quality Control
	STAC: Scientific & Technical Advisory Committee

This meeting will be recorded for internal use. Current EPA policy does not allow recordings to be distributed.

TMDL: Total Maximum Daily Load

UMCES: University of Maryland Center for
Environmental Science

UMD: University of Maryland

USDA-ARS: U.S. Department of Agriculture -
Agricultural Research Service

USDA-NASS: United States Department of
Agriculture-National Agricultural Statistics
Service

USDA-NRCS: U.S. Department of Agriculture -
Natural Resource Conservation Service

USWG: Urban Stormwater Workgroup

VA DEQ: Virginia Department of Environmental
Quality

VW: Volkswagen

WQGIT: Water Quality Goal Implementation Team

WTWG: Watershed Technical Workgroup

WV DEP: West Virginia Department of
Environmental Protection

WWG: Wetlands Workgroup

WIP: Watershed Implementation Plan