

# CLIMATE CHANGE AND THE IMPACTS TO IMPLEMENTING WATER QUALITY GOALS

## Chesapeake Bay Program Water Quality Goal Implementation Team

### Meeting Agenda for February 10-11, 2020

**CBPO Fish Shack, Annapolis, MD**

**Webinar\*: <https://zoom.us/j/354233435>;**

**Conference Line: 929-205-6099; Meeting ID: 354-233-435**

\*Participants should open the URL before calling in. Callers will be given a unique participant ID to link their phone number with their webinar participation. Meeting audio can also be joined by computer.

## DAY 1: Monday, February 10, 2020

---

- 10:00 – 10:30 AM      **Welcome, Introductions, Overview of Decisions to-date, and Purpose of Meeting** – James Martin, VA DEQ and Ed Dunne, DOEE, WQGIT Co-chairs, and Lucinda Power, EPA/CBPO, WQGIT Coordinator
- James Martin and Ed Dunne will welcome participants; take attendance; and provide an overview of the WQGIT, Management Board, and Principals' Staff Committee decisions to-date on addressing climate change in the WIPs and two-year milestones. Lucinda Power will give a brief overview of the climate change policy issues (see below) the WQGIT will be discussing over the course of the meeting.
- Policy Issues and Recommendations***
- WQGIT members will be asked to develop and agree to preliminary recommendations for each of the following policy issues. In those cases where agreement cannot be reached, points of disagreement and requests for additional information will be identified for future WQGIT discussions.
- Policy Issue I: Year on which to base climate targets (e.g., 2025/2035/2045/2055)
  - Policy Issue II: Adoption of refined or original 2018 climate targets
  - Policy Issue III: Options for allocating climate targets (pollutant loads) amongst the jurisdictions
  - Policy Issue IV: Timing options for achieving the climate targets (By 2025? Post-2025? Date certain post-2025?)
  - Policy Issue V: Deadline for final recommendations on policy issues for Management Board and Principals' Staff Committee consideration and decision (Prior to the 2020 EC meeting? By the end of 2020 so jurisdictions have one year to prepare for the 2022-2023 milestones?)
- 10:30 – 12:00 PM      **Presentation of Updated Phase 6 Modeling Results for Climate Change Impacts [45 minutes]** – Lew Linker, EPA/CBPO, Modeling Workgroup Coordinator
- Lew Linker will present the updated Phase 6 modeling results, specifically looking at: what has changed between the July 2018 Phase 6 Model locked down for Phase III WIP application and tracking, the current Phase 6 Model used to assess climate change in the Chesapeake watershed airshed and tidal Bay, and overall findings from the analyses.

**WQGIT Discussion and Recommendations [45 minutes] – Policy Issue I: Year on which to base climate targets and Policy Issue II: Adoption of climate targets**

The WQGIT will conduct a Q&A based on the updated climate change results and discuss options and preliminary recommendations for Policy Issues I and II.

--Options for Climate Year: 2025/2035/2045/2055

--Options for Climate Targets: 2018 Phase 6 targets or 2020 (updated) Phase 6 targets

**Decisions Requested:** By the end of day 2, the goal is to reach consensus agreement on preliminary recommendations for (1) the year on which to base the climate targets and (2) the adoption of the climate targets. If a decision is not possible, clearly document different positions and identify any additional information/data needed.

12:00 – 12:30 PM

**LUNCH**

12:30 – 2:30 PM

**Approaches to Allocating Climate Change Risk in the Chesapeake Bay Watershed [45 minutes]**  
– Gary Shenk, USGS/CBPO

Gary Shenk will examine different approaches to the allocation of nutrient reductions needed to address climate change risk in the Chesapeake Bay, along with the presentation of numeric results for each allocation option.

**WQGIT Discussion and Recommendation [75 minutes] – Policy Issue III: Options for allocating climate targets amongst the jurisdictions**

The WQGIT will discuss the allocation options presented, the pros and cons of each, and preliminary recommendations for Policy Issue III.

**Decision Requested:** By the end of day 2, the goal is to reach consensus agreement on preliminary recommendations for the allocation methodology of the climate targets. If a decision is not possible, clearly document different positions and identify any additional information/data needed.

2:30 – 2:45 PM

**BREAK**

2:45 – 3:30 PM

**WQGIT Discussion and Recommendation – Policy Issue IV: Timing options for achieving the climate reductions**

The WQGIT will discuss the timing needed to achieve the climate targets through the WIPs and two-year milestone development and implementation processes.

--Timing Options: By 2025? Post-2025? Date certain post-2025?

**Decision Requested:** By the end of day 2, the goal is to reach consensus agreement on preliminary recommendations on the timing to achieve the climate targets. If a decision is not

possible, clearly document different positions and identify any additional information/data needed.

3:30 – 4:00 PM

**WQGIT Discussion and Recommendation – Policy Issue V: Deadline for final recommendations on policy issues for Management Board and Principals Staff Committee consideration and decision**

The WQGIT will discuss its deadline for achieving full consensus on final recommendations for all climate policy issues. These recommendations will then be presented to the Management Board and the Principals' Staff Committee for their consideration and decision.

--Timing Options: Prior to the 2020 EC meeting? By the end of 2020 so jurisdictions have one year to prepare for the 2022-2023 milestones?

**Decision Requested:** By the end of day 2, the goal is to reach consensus agreement on the deadline for final climate policy recommendations to the Management Board and the Principals' Staff committee. If a decision is not possible, clearly document different positions and identify any additional information/data needed.

4:00 – 4:30 PM

**Wrap-up of Day 1 and Adjourn – James Martin, VA DEQ and Ed Dunne, DOEE, WQGIT Co-chairs**

James Martin and Ed Dunne will review the key actions and decisions from Day 1 before adjourning the meeting for the day.

4:30 – 6:00 PM

**Networking and Happy Hour – ALL**

Time to celebrate a successful Day 1! Happy hour will occur at Blackwall Hitch (400 6th St, Annapolis, MD 21403), which is within walking distance of the CBPO Fish Shack.

## DAY 2: Tuesday February 11, 2020

---

8:30 – 9:00 AM

**Summary of Previous Day's Discussion and Actions and Decisions – Lucinda Power, EPA/CBPO, WQGIT Coordinator**

Lucinda Power will provide a summary of the previous day's discussions and review the actions, preliminary recommendations, and requested follow-up generated from Day 1. Specifically, how will our discussions from Day 1 help inform our discussions today and next actions after the meeting?

9:00 – 10:30 AM

**Continued Discussion and Next Steps for Policy Issues I-V – ALL**

The group will continue discussions of Policy Issues I-V, including identifying and potentially addressing any outstanding questions, concerns, and information needs raised during Day 1.

10:30 – 10:45 AM

**BREAK**

10:45 – 11:30 AM

**Follow-up – ALL**

The WQGIT will finalize all actions, follow-up steps, and preliminary recommendations for Policy Issues I-V. Final plans, including supporting information and materials, will also be confirmed to advance recommendations to the Management Board.

11:30 AM

***Adjourn***