



Chesapeake Bay Program Partnership
Principals' Staff Committee Retreat
Hyatt Regency Chesapeake Bay
Cambridge, MD 21613
December 19-20, 2017

Conference Line:

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Web Access:

<https://epawebconferencing.acms.com/psc>

Agenda

DAY 1

Tuesday, December 19, 2017 (10:00 a.m. to 5:30 p.m.)

Day 1 of the meeting will primarily focus on building understanding and answering questions on key Midpoint Assessment and Phase III WIP issues, as well as seek collective decisions on foundational Midpoint Assessment issues. There will be time and opportunity during the evening for jurisdictional caucuses.

Requested PSC Decisions on Day 1

- 1) Adoption of the **Phase 6 suite of modeling tools** for finalizing the draft Phase III planning targets and for management application in the Phase III WIPs and two-year milestones through 2025
- 2) Approval of the proposed **Bay's assimilative capacity**
- 3) Approval of the **process for the 4-month Partnership review** of the draft Phase III WIP planning targets, including how special cases are addressed
- 4) Approval to base Phase III WIP development on **2025 current zoning conditions**

I. Welcome, Introductions

Principals' Staff Committee Chair, Secretary Ben Grumbles, will open the meeting and welcome PSC members.

Materials:

- I.a. PSC Actions & Decisions, October 30, 2017
- I.b. PSC-Approved Revisions to Midpoint Assessment Schedule
- I.c. EPA's Interim Phase III WIP Expectations with Appendix A

II. Overview of Meeting and Policy Decision Recommendations

A presentation of the requested policy decisions from the Water Quality Goal Implementation Team (WQGIT) and Modeling Workgroup during the course of this two-day meeting.

Presenter: Teresa Koon, WV DEP, WQGIT Vice-Chair

Materials:

- II. Dec. 19 Presentation: Midpoint Assessment Policy Decisions, slide 2

****The "Dec. 19 presentation" will be used for all presentations on Day 1**

III. Partnership's Final Phase 6 Suite of Modeling Tools: What's Changed, the Implications and Our Improved Models

An overview of the final calibrated Phase 6 suite of modeling tools and highlights of key changes in preparation of upcoming presentations and discussions on the draft Phase III WIP planning targets.

Requested Decision:

- Adoption of the Phase 6 suite of modeling tools for finalizing the draft Phase III planning targets and for management application in the Phase III WIPs and two-year milestones through 2025

Presenter: Lee Currey, MDE, Modeling Workgroup Co-chair

Materials:

II. Dec. 19 Presentation, *Slide 11*

IV. Phase III WIP Planning Targets Methodology

An overview of revised Phase 6 modeling results that provide the building blocks for developing the Phase III planning targets, include revised Phase 6 relative effectiveness for nitrogen and phosphorus, nutrient exchange ratios, and air deposition.

Presenter: Gary Shenk, USGS, CBP Phase 6 Watershed Model Coordinator

Materials:

II. Dec. 19 Presentation, *Slide 23*

Break (5 minutes)

V. Determining the Bay's Ability to Absorb Pollutants (Assimilative Capacity)

A presentation and discussion of: 1) the Bay's assimilative capacity as a result of the final calibration of the Phase 6 Water Quality Sediment Transport Model; 2) what's driving any changes in non/attainment with water quality standards, and 3) a proposed path forward to ensure achievement of Chesapeake Bay water quality standards in each of the 92 Chesapeake Bay segments.

Requested Decisions:

- Approval of the Bay's assimilative capacity as 195 million pounds of nitrogen and 13.7 million pounds of phosphorus
- Support the necessary adjustments to Maryland's restoration variances
- Approval for the development of the Partnership's public communication messages

Presenter: Rich Batiuk, EPA CBPO Associate Director of Science, Analysis and Implementation

Materials:

II. Dec. 19 Presentation, slide 34

Lunch

12:00 noon-12:30 p.m.

VI. Proposed Draft Phase III Planning Targets

Presentation and discussion of each jurisdiction's draft Phase III planning targets.

Presenters: Gary Shenk, USGS, Phase 6 Watershed Model Coordinator and Lucinda Power, EPA, WQGIT Coordinator

Materials:

II. Dec. 19 Presentation, slide 91

VII. Jurisdiction-Specific Proposed Draft Phase III WIP Planning Targets

WQGIT jurisdictional representatives will participate on a panel to provide their respective PSC member an overview of their draft Phase III planning targets, highlighting changes to levels of effort and drivers behind those changes; additional reductions needed between now (2016 progress) and 2025; current reductions achieved since 1985 by source sector and state-wide; and outstanding issues that need to be resolved during the 4-month Partnership review process of the draft Phase III planning targets.

Presenters: Teresa Koon, WV DEP, WQGIT Vice Chair and WQGIT Jurisdictional Representatives

Materials:

II. Dec. 19 Presentation, slide 101

VII. Planning Targets Table: Total Nitrogen and Total Phosphorus

VIII. Proposed Process and Schedule for Four-month Review Period

An overview of the schedule and the proposed process to structure the 4-month review period, including the consideration of special cases and the overall timeline.

Presenters: Lucinda Power, EPA, WQGIT Coordinator

Requested Decision:

- Approval of proposed process for the Partnership's 4-month review of the draft Phase III WIP planning targets, including addressing special case requests

Materials:

II. Dec. 19 Presentation, slide 104

VI. Chesapeake Bay Program Partnership Development and Review of the Draft Phase III WIP Planning Targets

Break (5 minutes)

IX. Accounting for Growth in the Jurisdictions' Phase III WIPs

Presentation and discussion of how the Partnership currently accounts for growth, the reasons behind such accounting, and results from the 2025 current zoning growth scenario. A presentation will also be provided for each jurisdiction's change in pollutant loading due to accounting for growth through 2025 based on the current zoning scenario.

Requested Decisions:

- Approval of the WQGIT's recommended use of 2025 projected conditions (based on the current zoning scenario) to account for growth in the development and implementation of the jurisdictions' Phase III WIPs
- Approval of the WQGIT's proposed approach to continued Partnership accounting for growth into the future

Presenters: Karl Berger, MWCOG, Land Use Workgroup Chair and Peter Claggett, USGS, Land Use Workgroup Coordinator

Materials:

II. Dec. 19 Presentation, slide 118

X. Conowingo Dam Infill: How Much, Who, How and by When

Presentation on the quantification of additional nutrient loads from the Conowingo Dam infill, and discussion of policy options and WQGIT recommendations on how to address the additional loads from Conowingo Dam as a result of the loss of trapping capacity.

Presenter: Lee Currey, MDE, Modeling Workgroup Co-Chair

Materials:

II. Dec. 19 Presentation, slide 141

Break (10 minutes)

XI. Factoring in Climate Change into the Jurisdictions' Phase III WIPs

A presentation of forecasted effects of climate change on watershed hydrology and loads as well as estuarine water quality.

Presenters: Mark Bennett, USGS, Climate Resiliency Workgroup Co-chair, and Zoe Johnson, NOAA, Climate Resiliency Workgroup Coordinator

Materials:

II.a. Dec. 19 Presentation, slide 159

XI. Climate Change Policy Approach Briefing Memo (12-11-17)

XII. Policy Options for Accounting for Climate Change in the Jurisdictions' Phase III WIPs

Presentation and discussion of policy options and WQGIT recommendations for when and how (numerically and/or programmatically) to factor climate change considerations into the Phase III WIPs.

Presenters: Mark Bennett, USGS, Climate Resiliency Workgroup Co-chair, and Zoe Johnson, NOAA, Climate Resiliency Workgroup Coordinator

Materials:

II.a. Dec. 19 Presentation, slide 173

Break (10 minutes)

XIII. Accounting for Changed Conditions in the Jurisdictions' Phase III WIP Planning Targets

A discussion on establishing the draft Phase III WIP planning targets, factoring in policy recommendations on how to address Conowingo, growth, and climate change. This discussion will emphasize the expected final changes to the draft Phase III WIP planning targets as a result of factoring in the identified policy recommendations.

Presenters: Teresa Koon, WV DEP, WQGIT Vice Chair and Lee Currey, MDE, Modeling Workgroup Co-Chair

Materials:

II. Dec. 19 Presentation, slide 185

XIII. Partnership Review of the Draft Phase III WIP Planning Targets for PSC Approval

XIV. Wrap-up and Adjourn

5:15 p.m. – 5:30 p.m.

An overview of day-two's agenda and the decisions that will be requested of the PSC.

Post Meeting Gatherings

Networking Reception

5:30 p.m. – 6:30 p.m.

Michener's Library (downstairs from main lobby)

Dinner – On your own/small groups

7:00 p.m. – 8:30 p.m.

A list of restaurants will be provided separately.

CBP Principals' Staff Committee Retreat

Wednesday, December 20, 2017

8:30 a.m. to 12:00 p.m.

DAY 2

Day 2 of the meeting will focus on consensus building and collaborative decision-making on key Midpoint Assessment and Phase III WIP policy issues. The discussions will be facilitated by PSC Chair and MDE Secretary, Ben Grumbles. For all decisions, CBP's Communications Director will seek approval of the wording and messaging of each decision to include in a press release for distribution on Dec. 21.

Requested PSC Decisions on Day 2

- 5) Approval of the **draft Phase III WIP planning targets** as a starting point of the 4-month Partnership review period
- 6) Develop a Partnership implementation plan to address **Conowingo infill** by 2025
- 7) Adopt a dual approach to factor **climate change** into the Phase III WIPs

I. Day II Overview

A brief reminder about what will be covered on the day's agenda and the decisions that will be requested of the PSC.

Materials:

I. Dec. 20 Presentation: Midpoint Assessment Policy Decisions

II. Accounting for the effect of the Conowingo Dam and Reservoir on Bay Water Quality

Requested Decisions:

- Approval of the WQGIT-proposed approach to account for the additional nutrient loads delivered to the Bay due to the Conowingo infill
- Approval of the timeframe by which the jurisdictions have to address the additional nutrient loads

III. Options for factoring in climate change impacts and considerations into the Phase III WIPs

Requested Decisions:

- Approval of the WQGIT-proposed dual approach to factor climate change into the Phase III WIPs
- Approval of providing flexibility among jurisdictions, as well as in commitments for CBP programmatic support (e.g., guidance, data, funding, etc.), for implementation of climate change policies that exceed the Partnership approved policies

Break (10 minutes)

IV. Recommendation on the Draft Phase III WIP Planning Targets

Requested Decision:

- Approval of the draft Phase III planning targets as the starting point for the 4-month review process

V. Summary of Decisions and Wrap-up

An overview of key decisions, action items and next steps agreed to during the meeting. Final reflections and thoughts of PSC members.

Presenter: PSC Chair, Secretary Ben Grumbles

Materials:

II. Presentation

VI. Lunch, Time for any unresolved issues or other business; Adjourn 12:00 pm