

Meeting Agenda

Joint Water Quality Goal Implementation Team and Modeling Workgroup Meeting

December 4-5, 2017

Crowne Plaza Annapolis

173 Jennifer Rd, Annapolis, MD 21401

Conference Line: 866-299-3188; Code: 410-267-5731

Adobe Connect: <http://epawebconferencing.acms.com/waterqualitygit/>

Day 1: Monday, December 4, 2017

10:00 am – 10:15 am	<p>A. Welcome, Introductions, & Overview of Meeting and Requested WQGIT Policy Recommendations</p> <p>Presentation of the requested policy recommendations from the WQGIT and Modeling Workgroup during the course of this two-day meeting, in preparation of the December 19-20 PSC Midpoint Assessment Retreat</p> <p><u>Informational</u></p> <p><u>Materials:</u></p> <ol style="list-style-type: none">1. Presentation	James Davis-Martin, VA DEQ, WQGIT Chair
10:15 am – 10:45 am	<p>B. Partnership's Final Phase 6 Suite of Modeling Tools</p> <p>Presentation and discussion of the 2017 final calibrated Phase 6 suite of modeling tools and highlights of key changes, in preparation of (1) upcoming presentations and discussions on the draft Phase III WIP planning targets and (2) requested recommendation from the WQGIT and Modeling Workgroup to adopt the Partnership's Phase 6 suite of modeling tools for management application in the development and implementation of the jurisdictions' Phase III WIPs and two-year milestones through 2025.</p> <p><u>Informational</u></p> <p><u>Materials:</u></p> <ol style="list-style-type: none">1. Presentation	Lee Currey, MDE, Modeling Workgroup Co-chair
10:45 am – 11:15 am	<p>C. New Phase 6 Results to Inform the Phase III WIP Planning Targets</p> <p>Presentation and discussion of revised Phase 6 results for the geographic isolation scenarios, nutrient exchange ratios, and air deposition that will inform the development of the draft and final Phase III WIP planning targets.</p> <p><u>Informational</u></p> <p><u>Materials:</u></p> <ol style="list-style-type: none">1. Presentation	Gary Shenk, USGS, CBP Phase 6 Watershed Model Coordinator
11:15 am – 12:00 pm	<p>D. Determining the Assimilative Capacity of the Chesapeake Bay</p> <p>Presentation and discussion of the Bay's assimilative capacity as a result of the final calibration of the Phase 6 Water Quality Sediment Transport Model, what's driving any changes in non/attainment with water quality</p>	Dave Montali, WV DEP, Modeling Workgroup Co-Chair

Meeting Agenda

	standards, and a proposed path forward to ensure achievement of Chesapeake Bay water quality standards in each of the 92 Chesapeake Bay segments. Materials: 1. Presentation	Rich Batiuk, EPA CBPO Associate Director of Science, Analysis and Implementation
12:00 pm – 1:00 pm	WORKING LUNCH Group picture right before breaking for lunch	
12:30 pm – 1:00 pm	D. Determining the Assimilative Capacity of the Chesapeake Bay (Continued) Presentation and discussion of the Bay’s assimilative capacity as a result of the final calibration of the Phase 6 Water Quality Sediment Transport Model, what’s driving any changes in non/attainment with water quality standards, and a proposed path forward to ensure achievement of Chesapeake Bay water quality standards in each of the 92 Chesapeake Bay segments. Decisions Requested: Recommendation to the PSC to approve the Bay’s assimilative capacity in terms of nitrogen, phosphorus, and sediment loads and the resultant necessary adjustments to Maryland’s restoration variances Materials: 1. Presentation	Dave Montali, WV DEP, Modeling Workgroup Co-Chair Rich Batiuk, EPA CBPO Associate Director of Science, Analysis and Implementation
1:00 pm – 3:45 pm Break from 2:45-3:00pm	E. Proposed Draft Phase III WIP Planning Targets, Jurisdiction-specific Profiles, and 4-month Partnership Review of Draft Planning Targets Presentation and discussion of each jurisdiction’s draft Phase III WIP planning targets, highlighting the revised relative effective values, current reductions by source sector, and outstanding issues that need to be resolved during the 4-month Partnership review process of the draft planning targets. A presentation will also be provided on the proposed process to structure the 4-month review period, including the consideration of special cases and the overall timeline. Materials: 1. Presentation	Gary Shenk, USGS, Phase 6 Watershed Model Coordinator, Jeff Sweeney, EPA CBP, and Lucinda Power, EPA CBPO, WQGIT Coordinator
3:45 pm – 5:00 pm	F. Options for Factoring Climate Change Impacts and Considerations into the Phase III WIPs Presentation of forecasted effects of climate change on watershed hydrology and loads as well as estuarine water quality. Presentation and discussion of options for when and how to factor climate change considerations into the Phase III WIPs. Decisions Requested: Recommendation to the PSC on how and when to incorporate climate change considerations into the Phase III WIPs. Materials: 2. Presentation 3. Link to briefing papers	Mark Bennett, USGS, Climate Resiliency Workgroup Co-chair Zoe Johnson, NOAA, Climate Resiliency Workgroup Coordinator

Meeting Agenda

5:00 pm – 5:15 pm

Wrap-up and Adjourn

5:15 pm – 6:00 pm

Networking

Annapolis Bar, First Floor,
Crowne Plaza

6:00 pm – 7:00 pm

Dinner

Crowne Plaza

7:00 pm - ??

Post-Dinner Social

Green Turtle

DRAFT

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Day 2: Tuesday, December 5, 2017

8:30 am – 10:30 am	<p>G. Use of 2025 Growth Projections in the Phase III WIPs</p> <p>Review of the September 25-26 WQGIT decisions and policy recommendations to the PSC. Presentation and discussion of each jurisdiction's change in pollutant loading due to accounting for growth through 2025.</p> <p><u>Informational</u></p> <p><u>Materials:</u></p> <ol style="list-style-type: none">1. Presentation	Karl Berger, Land Use Workgroup Chair and Peter Claggett, Land Use Workgroup Coordinator
10:30 am – 10:45 am	Break	
10:45 am – 12:00 pm	<p>H. Accounting for the Effect of the Conowingo Dam and Reservoir on Bay Water Quality</p> <p>Presentation on the quantification of additional nitrogen, phosphorus, and sediment loads from the Conowingo Dam infill, and discussion of policy options on how to address the additional loads from Conowingo Dam as a result of the loss of trapping capacity.</p> <p><u>Decisions Requested:</u> Recommendation to the PSC on how to address additional loads from Conowingo Dam, including who is responsible for the additional loads; how additional loads should be allocated; and when to address additional loads.</p> <p><u>Materials:</u></p> <ol style="list-style-type: none">1. Presentation	Lee Currey, MDE, Modeling Workgroup Co-Chair
12:00 pm – 1:00 pm	Lunch	
1:00 pm – 3:00 pm	<p>I. Recommendation on the Draft Phase III WIP Planning Targets</p> <p>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 changes to the draft Phase III WIP planning targets as a result of factoring in the identified policy recommendations.</p>	<p>Teresa Koon, WV DEP, WQGIT Vice-Chair</p> <p>Lee Currey, MDE, Modeling Workgroup Co-Chair</p>

Meeting Agenda

Decision Requested: Recommendation to the PSC to adopt the Partnership's Phase 6 suite of modeling tools for management application in the development and implementation of each jurisdiction's Phase III WIPs and two-year milestones through 2025

Decision Requested: Recommendation to PSC on each of the seven Bay watershed jurisdictions' draft Phase III Planning Targets as the starting point for the Partnership's 4-month review process

Materials:

1. Presentation

3:00 pm – 3:30 pm

J. Follow-up and Wrap-up

Overview of key decisions, action items and next steps agreed to during the meeting in preparation of the December 19-20 PSC Midpoint Assessment Retreat. Final thoughts and reactions from WQGIT and Modeling Workgroup members, Source Sector Workgroup chairs, and Partnership advisors.

Materials:

1. Presentation

Teresa Koon, WV DEP, WQGIT
Vice-Chair

3:30 pm

Adjourn
